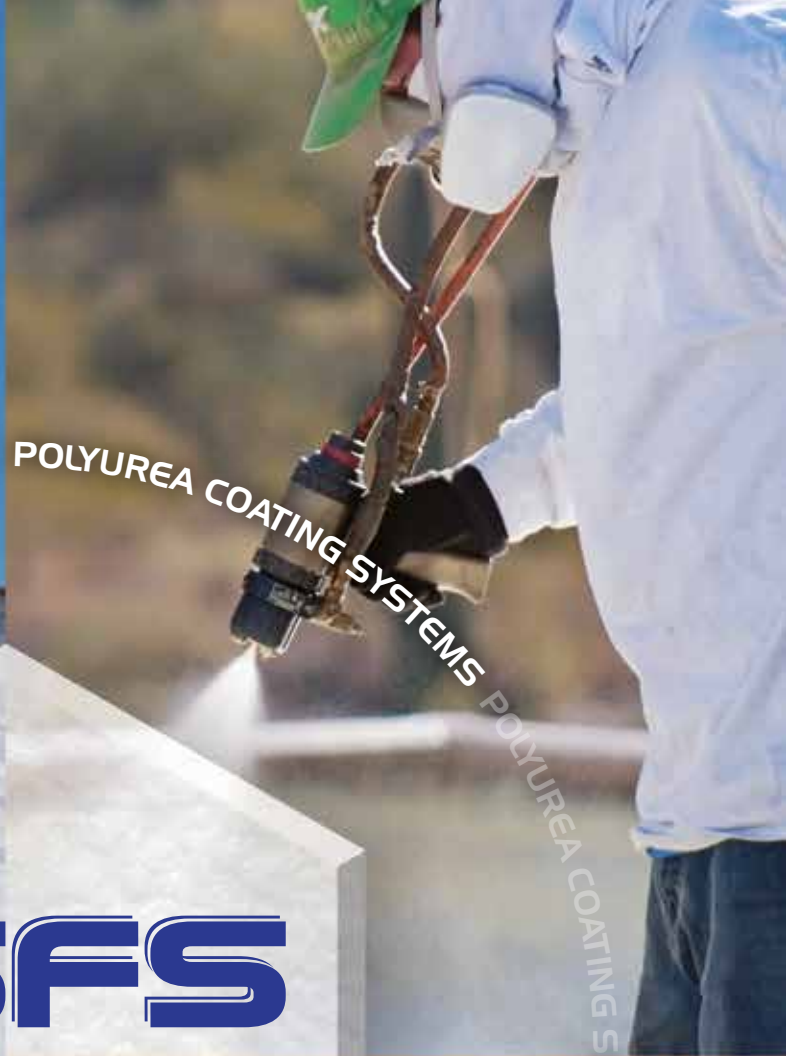




PROTECTIVE COATING SYSTEMS



POLYUREA COATING SYSTEMS



ProGUIDE



AL FOAM SYSTEMS

GEO TECHNICAL FOAM SYSTEMS



EMS SPRAY FOAM SYSTEMS

SPRAY FOAM SYSTEMS

SFS SYSTEMS



Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethane



Dear Customer,

Spray Foam Systems (SFS) is the leading manufacturer and distributor of many types of fluid applied equipment and products worldwide. SFS strives to be "Your ONE Source for Everything..." Our focus is spray foam, polyurea, geotechnical polyurethane, and protective coating contractors. We have developed partnerships with manufacturers and distribution companies worldwide to make sure that you will never be in need of any equipment, parts, products or supplies.

We are committed to staying a step ahead of your standard "Equipment Suppliers" in Training and Education. SFS has, on staff, SPFA PCP Certified Master Installers/Project Managers. Our training courses and live demonstrations are available during different times of the year for you to attend. We are committed to training ALL new contractors correctly and professionally. You can read about SPFA PCP at www.sprayfoam.org and see why we are investing into our business to make sure our contractors are kept up to date on training and knowledge.

Most of the items listed in this ProGUIDE can be found in our SFS Online Store, sprayfoamsys.com/store. Here you can find product manuals, tech data sheets, equipment breakdowns, and tutorial videos. Using the Online Store provides an easy to use online portal that will allow you to order all of your parts and supplies online.

On behalf of everyone here at SFS, we would like to thank you for giving us the opportunity to better serve you and invite you to join our Network of Professional SFS Applicators.

Sincerely,



T.J. Peters
President & CEO

 **SFS**
Spray Foam Systems
Your ONE Source for Everything Sprayfoam
www.sprayfoamsys.com

 **SFS**
Polyurea Coating Systems
Your ONE Source for Everything Polyurea
www.polyureaequipment.com

 **SFS**
Protective Coating Systems
Your ONE Source for Everything Protective Coatings
www.protectivecoatingsequipment.com

 **SFS**
GeoTechnical Foam Systems
Your ONE Source for Everything GeoTechnical Foam

SFS SYSTEMS



Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethane

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PRO-PAK MOBILE SPRAY RIGS



Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethane



ProPAK

MOBILE SPRAY RIGS

The Spray Foam Systems ProPak 200 Series of Spray Foam Rigs are a great rig for the professional insulator looking to start off in the spray foam business. The SFS Rig is also a great addition to an existing Spray Foam Contractor. The E-20 Reactor is a powerful machine capable of spraying up to 20 lbs. per minute of material. The Winco Generator, powered by a Briggs and Stratton engine, delivers a powerful load center with enough power and then some. The Rolair compressor provides a dependable air source with enough CFM to run the system and a mixer, allowing you to spray Open and Closed Cell Spray Foam Insulation. The Fusion AP spray foam gun by Graco is the choice of the industry and provides a reliable, easily maintainable and rebuildable SPF gun.



- **Industry Leading Components Graco E-20 Reactor**
- **Turn Key Generator Powered Unit**
- **Open and Closed Cell Spray Foam**
- **Fresh Air and Safety Systems**
- **Climate Controlled Mobile Storage**



SPF 200 SERIES

SPRAY FOAM INSULATION



UPGRADE TO THE 200 SLIDER SERIES

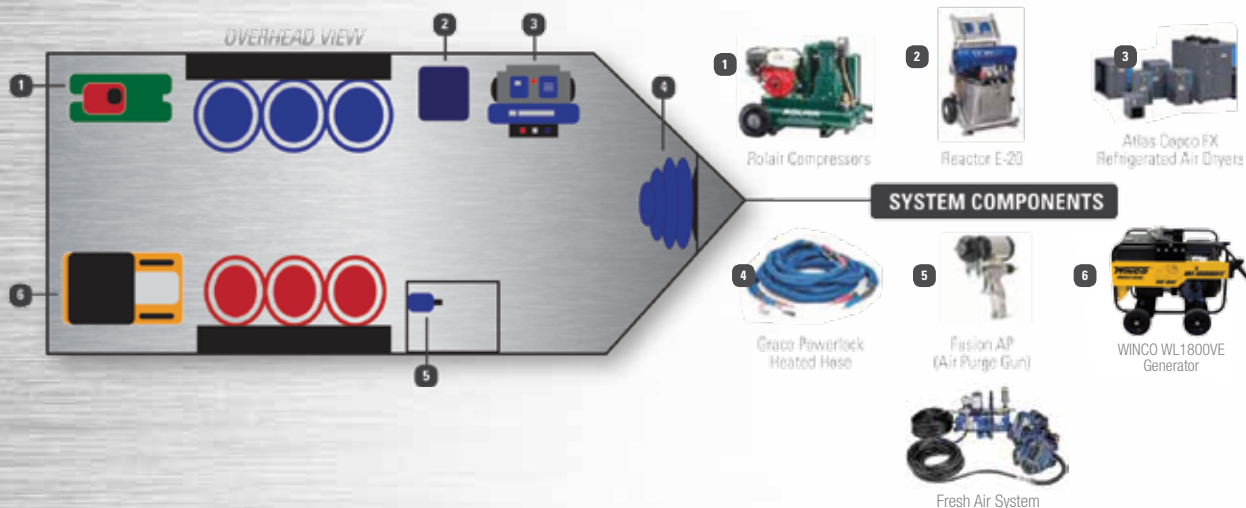
Setup in an 8x16 Horton Hauler, the Pro-PAK 200 can easily be towed by a ½ ton truck. There is plenty of room to carry up to three sets of foam and enough space to store ladders and scaffolding. The standard work bench stores all of your safety equipment.



Backed by the powerful Graco E-20 Reactor, this rig allows you up to 20 lbs per minute of material output and up to 210' of hose length. This rig is setup to spray open and closed cell spray foams.

Stand Alone Unit Powered by an 18,000 Watt Gasoline Generator and Twin Tank Rolair 9 HP Gasoline Compressor.

Air System includes Graco T1 Transfer Pumps and Atlas Copco Air Dryer.



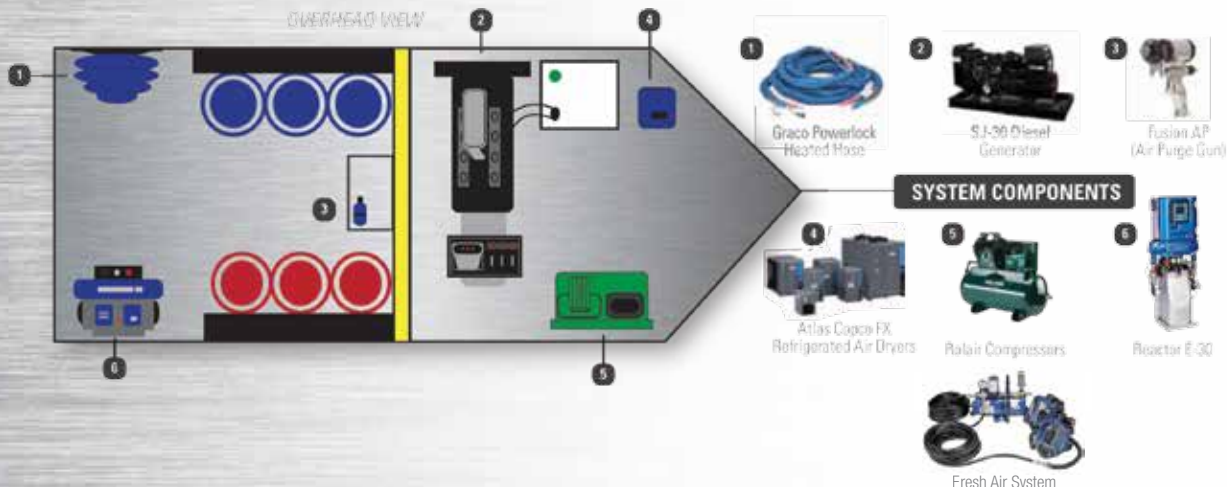
ProPAK

MOBILE SPRAY RIGS

The Spray Foam Systems ProPak 300 Series of Spray Foam Rigs are a great rig for the professional insulator looking to start off in the spray foam business. The SFS Rig is also a great addition to an existing Spray Foam Contractor. The E-30 Reactor is a powerful machine capable of spraying up to 30 lbs. per minute of material. The Diesel Generator, powered by a John Deere engine, delivers a powerful load center with enough power and then some. The Rolair compressor provides a dependable air source with enough CFM to run the system and a mixer, allowing you to spray Open and Closed Cell Spray Foam Insulation. The Fusion AP spray foam gun by Graco is the choice of the industry and provides a reliable, easily maintainable and rebuildable SPF gun.



- **Industry Leading Components**
Graco E-30 Reactor
- **Turn Key Generator Powered Unit**
- **Open and Closed Cell Spray Foam**
- **Fresh Air and Safety Systems**
- **Climate Controlled Mobile Storage**



SPF 300 SERIES

SPRAY FOAM INSULATION
& ROOFING



BECOME ELITE: The ProPAK XD3 Elite sets itself apart from all other spray rigs with the all new E-XP2 Reactor 2! With the Advanced Display Module and Graco InSite, as well as data control management upgrades, the ProPAK XD3 Elite defines a new standard of mobile spray rig technology.



ADVANCED CONTROL TECHNOLOGY

Tracks project information

- Advanced Display module (ADM) tracks, monitors and saves project information
- Data can be downloaded onto a USB drive for further analysis

Easy to view data display

- Drum fluid levels – let you know if you are running low on material
- System events such as startup and shutdown times
- Daily chemical output

Stores material settings to get you up and running faster

- Saves key setup data such as temperatures and pressure set points for up to 24 chemical recipes

Reduces downtime with on-screen troubleshooting advice

- Error messages explain the problem and provide common causes

Flexible system settings

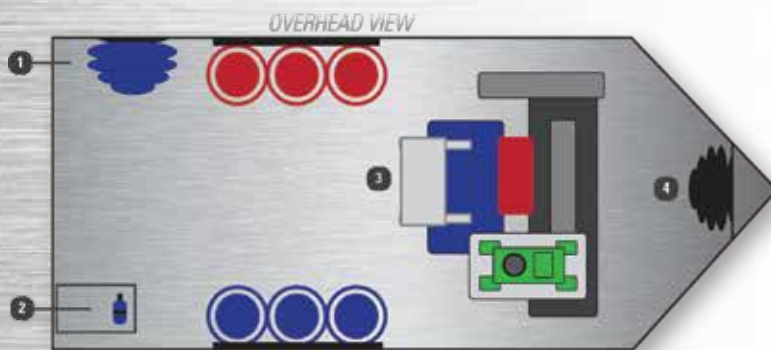
- If chemicals are low, or if pressure imbalance occurs, you can program the system to shut down automatically

COMMERCIAL OR RESIDENTIAL | SPF 300i SERIES

ProPAK

MOBILE SPRAY RIGS

The Spray Foam Systems ProPak 300i Series of Spray Foam Rigs are a great rig for the professional insulator looking to start off in the spray foam business. The SFS Rig is also a great addition to an existing Spray Foam Contractor. The E-30i Reactor 2 is a powerful machine capable of spraying up to 30 lbs. per minute of material. Some of the key features of the ProPak 300i are the Integrated Reactor 2, which uses a coolant loop off of the generator to heat your material; The Diesel Generator, powered by a Perkins engine, delivers a powerful load center with enough power and then some. The compressor provides a dependable air source with enough CFM to run the system and a mixer, allowing you to spray Open and Closed Cell Spray Foam Insulation. The Fusion AP spray foam gun by Graco is the choice of the industry and provides a reliable, easily maintainable and rebuildable SPF gun. The E-30i Reactor 2 has industry leading technology unseen before in our industry. The Integrated Reactor 2 design utilizes heat from the engine to heat product, saving on diesel fuel used and helping you earn more profit. Tests show contractors will save between \$4000-\$7000 per year in operating costs on diesel alone!



SYSTEM COMPONENTS



Graco Powerlock Heated Hose



Fusion AP (Air Purge Gun)



Graco Reactor 2 E-30i



Fresh Air System

SPF 300i SERIES

SPRAY FOAM INSULATION
& ROOFING



UPGRADE TO 20' PROPAK 300i

Setup in an 8.5x16 Horton Hauler, the Pro-PAK 300i can easily be towed by a ¾ ton truck. There is plenty of room to carry over three sets of foam and enough space to store ladders and scaffolding. The standard work bench stores all of your safety equipment.



Backed by the powerful Graco E-30i Reactor 2, this rig allows you up to 30 lbs per minute of material output and up to 310' of hose length. This rig is setup to spray open and closed cell spray foams and the power of the E-30 makes this a very efficient roofing rig.

Stand Alone Unit Powered by a 21,000 Watt Perkins Diesel Generator and 5HP Champion Air Compressor.

Air System includes Graco T1 Transfer Pumps and Graco Air Dryer Systems.

- **Industry Leading Components**
- **Graco E-30i Reactor 2**
- **Turn Key Generator Powered Unit**
- **Open and Closed Cell Spray Foam**
- **Fresh Air and Safety Systems**
- **Climate Controlled Mobile Storage**

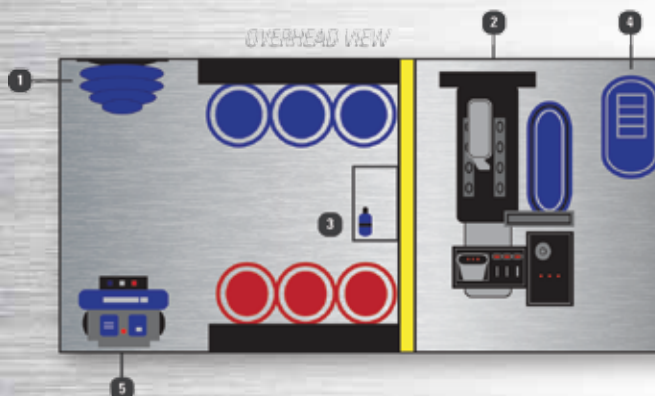
ProPAK

MOBILE SPRAY RIGS

The Spray Foam Systems ProPak 400 Series of Spray Foam Rigs are a great rig for the SPF Roofing Contractor or Professional Insulator looking to start off in the spray foam business. The SFS Rig is also a great addition to an existing Spray Foam Contractor. The H-40 Reactor is a powerful machine capable of spraying up to 40 lbs. per minute of material. The Diesel Generator, powered by a John Deere engine, delivers a powerful load center with enough power and then some. The Rotary Screw compressor provides a dependable air source with enough CFM to run the system and a mixer, allowing you to spray Open Cell and Closed Spray Foam Insulation. The Fusion AP spray foam gun by Graco is the choice of the industry and provides a reliable, easily maintainable and rebuildable SPF gun. This rig is big enough to hold an Airless Sprayer, used for Thermal Barriers and Roof Coatings.



- **Industry Leading Components Graco H-40 Reactor**
- **Turn Key Generator Powered Unit**
- **Open and Closed Cell Spray Foam**
- **Fresh Air and Safety Systems**
- **Climate Controlled Mobile Storage**



SPF 400 SERIES

SPRAY FOAM INSULATION
& ROOFING



UPGRADE TO GOOSENECK SERIES

Setup in an 8x24 Horton Hauler, the Pro-PAK 400 can easily be towed by a ¾ ton truck. There is plenty of room to carry over three sets of foam and enough space to store ladders and scaffolding. The standard work bench stores all of your safety equipment.



Backed by the powerful Graco H-40 Reactor, this rig allows you up to 40 lbs per minute of material output and up to 410' of hose length. This rig is setup to spray open and closed cell spray foams and the power of the E-30 makes this a very efficient roofing rig.

Stand Alone Unit Powered by a 60,000 Watt John Deere Diesel Generator and 10HP Atlas Copco GX-7 Rotary Screw Compressor OR Morse Industrial 40/40Generator/Rotary Screw Air Compressor Combo.

Air System includes Graco T1 Transfer Pumps and Atlas Copco Air Dryer.





ProPAK Xtra-Duty Spray Rigs

SERIES

WWW.SPRAYFOAMSYS.COM



ProPAK XD

MOBILE SPRAY RIGS

THE PROPAK XD1 MOBILE SPRAY RIG IS YOUR PORTABLE SOLUTION FOR A WIDE VARIETY OF APPLICATIONS.

WORK MORE

The ProPAK XD1 is a portable spray system that can be used to spray foam insulation, spray polyurea coatings and bedliners, injection foam, and polyurethane concrete lifting.

WORK ANYWHERE

The XD1 features the all new Reactor E-10HP - The portable design of the Reactor E-10 and on board storage of material allows you to work anywhere.



WORK ANYTIME

On board generator power allows you to work anywhere, anytime. The XD1 features a 17.5KW Generator for on site power as well as an on board Air Compressor for all your pneumatic needs.

WORK SAFE

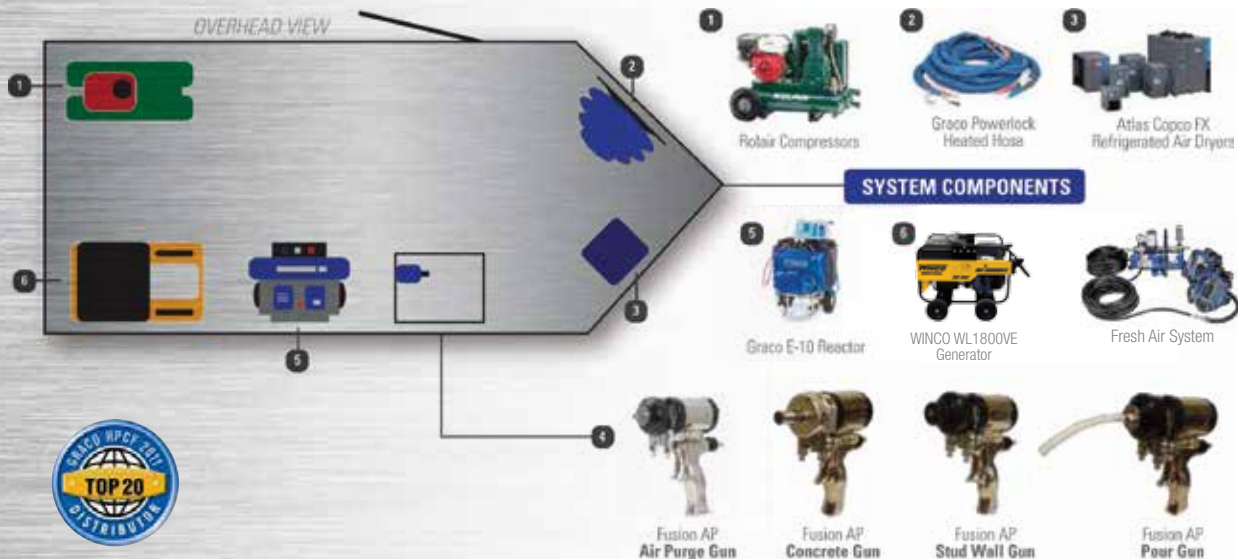
ProPAK Mobile Spray Rigs are engineered and designed by industry professionals that understand what you need to work safe. Each ProPAK Rig comes with a Fresh Air System and all of the necessary safety equipment you need to be compliant on the job.

XD1 SERIES

**SPRAY FOAM INSULATION
POLYUREA COATINGS
GEO TECHNICAL POLYURETHANE
RETRO INJECTION FOAM**



Setup in an 7x14 Cargo Hauler, the ProPAK XD1 can easily be towed by a ½ ton truck. There is plenty of room to carry up to three sets of foam and enough space to store ladders and scaffolding. The standard work bench stores all of your safety equipment. Backed by the powerful Graco E-10HP Reactor, this rig allows you up to 10 lbs per minute of material output and up to 105' of hose length. Turn key unit with Generator





ProPAK XD

MOBILE SPRAY RIGS

FEATURING THE REACTOR E-XP1

IDEAL FOR MEDIUM TO HIGH VOLUME APPLICATIONS.

WORK MORE

The ProPAK XD2 is a portable spray system that can be used to spray foam insulation, spray polyurea coatings and bedliners, injection foam, and polyurethane concrete lifting.

WORK ANYWHERE

The XD2 features the Reactor E-XP1 – Reach lengths up to 210' from your spray rig with Powerlock Heated Hose.



WORK ANYTIME

On board generator power allows you to work anywhere, anytime. The XD2 features an 18KW Generator for on site power as well as an on board Air Compressor for all your pneumatic needs.

WORK SAFE

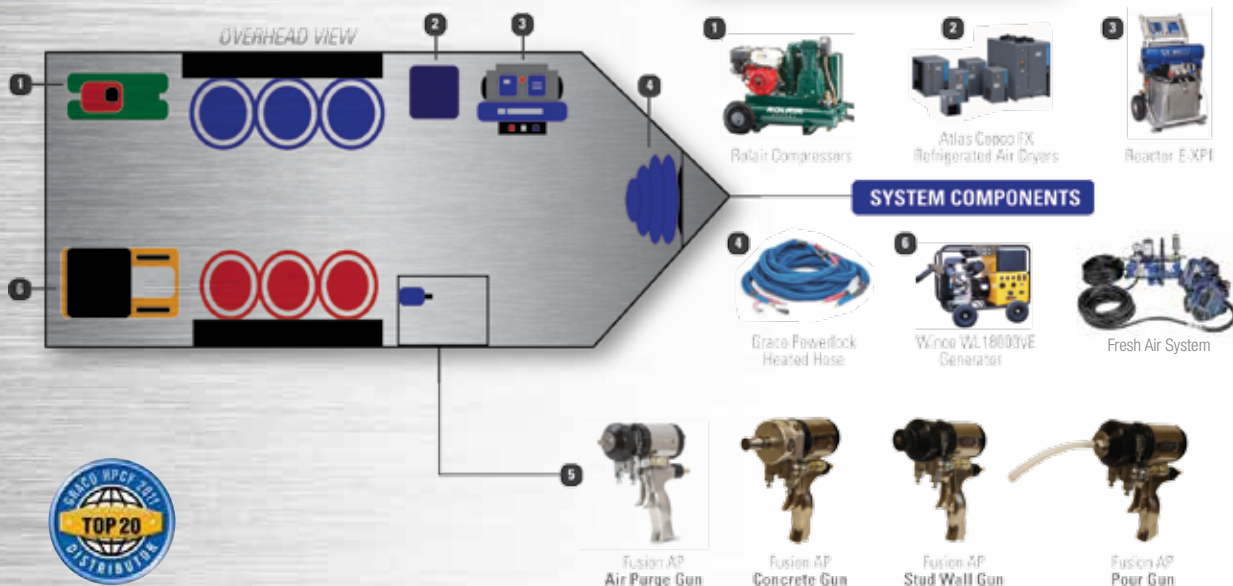
ProPAK Mobile Spray Rigs are engineered and designed by industry professionals that understand what you need to work safe. Each ProPAK Rig comes with a Fresh Air System and all of the necessary safety equipment you need to be compliant on the job.

XD2 SERIES

SPRAY FOAM INSULATION
POLYUREA COATINGS
GEO TECHNICAL POLYURETHANE
RETRO INJECTION FOAM



Setup in an 8x16 Cargo Hauler, the ProPAK XD2 can easily be towed by a ½ ton truck. There is plenty of room to carry up to three sets of foam and enough space to store ladders and scaffolding. The standard work bench stores all of your safety equipment. Backed by the powerful Graco E-XP1 Reactor, this rig allows you up to 1 gallon per minute of material output and up to 210' of hose length. Turn key unit with Generator power and Air Compressor on board. allows you up to 10 lbs per minute of material output and up to 105' of hose length. Turn key unit with Generator power and Air Compressor on board.





ProPAK XD

MOBILE SPRAY RIGS

BECOME ELITE: The ProPAK XD3 Elite sets itself apart from all other spray rigs with the all new E-XP2 Reactor 2! With the Advanced Display Module and Graco Insite, as well as data control management upgrades, the ProPAK XD3 Elite defines a new standard of mobile spray rig technology.

WORK MORE

The ProPAK XD3 is a portable spray system that can be used to spray foam insulation, spray polyurea coatings and bedliners, injection foam, and polyurethane concrete lifting.

WORK ANYWHERE

The XD3 features the Reactor E-XP2 – Reach lengths up to 310' from your spray rig with Powerlock Heated Hose.

WORK ANYTIME

On board generator power allows you to work anywhere, anytime. The XD3 features a 40KW Diesel Generator for on site power as well as an on board Air Compressor for all your pneumatic needs.

WORK SAFE

ProPAK Mobile Spray Rigs are engineered and designed by industry professionals that understand what you need to work safe. Each ProPAK Rig comes with a Fresh Air System and all of the necessary safety equipment you need to be compliant on the job.

XD3 ELITE SERIES

SPRAY FOAM INSULATION & ROOFING
POLYUREA COATINGS
POLYURETHANE
RETRO INJECTION FOAM



ADVANCED CONTROL TECHNOLOGY

Tracks project information

- Advanced Display module (ADM) tracks, monitors and saves project information
- Data can be downloaded onto a USB drive for further analysis

Easy to view data display

- Drum fluid levels – let you know if you are running low on material
- System events such as startup and shutdown times
- Daily chemical output

Stores material settings to get you up and running faster

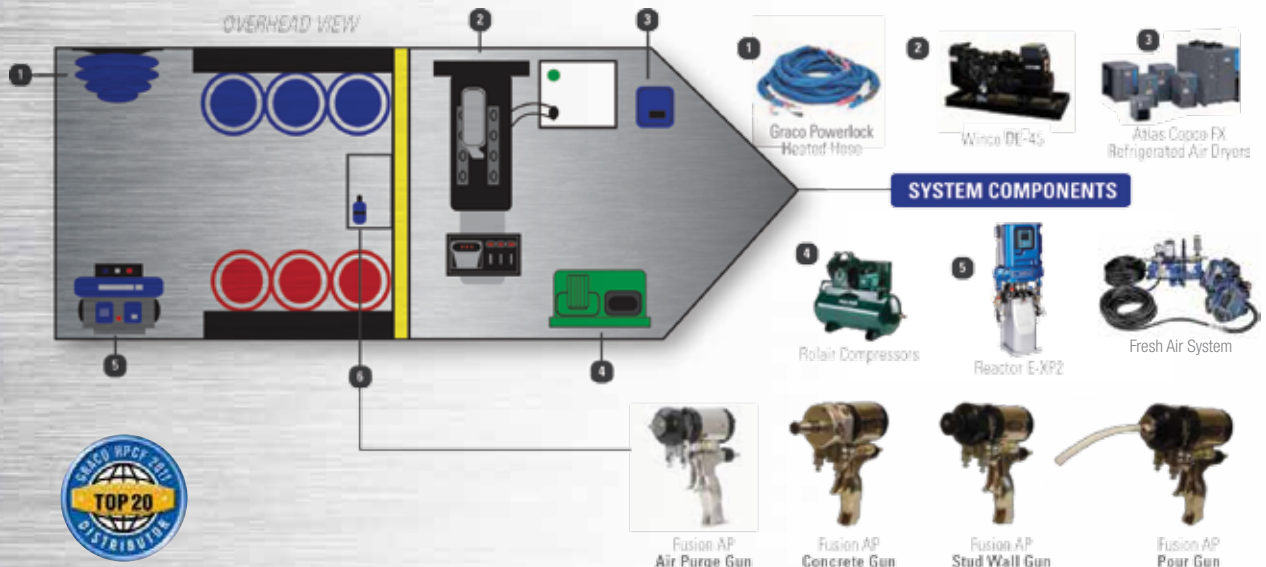
- Saves key setup data such as temperatures and pressure set points for up to 24 chemical recipes

Reduces downtime with on-screen troubleshooting advice

- Error messages explain the problem and provide common causes

Flexible system settings

- If chemicals are low, or if pressure imbalance occurs, you can program the system to shut down automatically





ProPAK XD

MOBILE SPRAY RIGS

FEATURING THE REACTOR H-XP3

IDEAL FOR HIGH VOLUME APPLICATIONS.

WORK MORE

The ProPAK XD4 is a portable spray system that can be used to spray foam insulation, spray polyurea coatings and bedliners, injection foam, and polyurethane concrete lifting.

WORK ANYWHERE

The XD4 features the Reactor H-XP3 – Reach lengths up to 410' from your spray rig with Powerlock Heated Hose. This unit comes equipped with the max hose length available for XD Mobile Spray Rigs.



WORK ANYTIME

On board generator power allows you to work anywhere, anytime. The XD4 features a 40KW Diesel Generator for on site power as well as a upgraded 40 CFM Rotary Screw Air Compressor for all your pneumatic needs.

WORK SAFE

ProPAK Mobile Spray Rigs are engineered and designed by industry professionals that understand what you need to work safe. Each ProPAK Rig comes with a Fresh Air System and all of the necessary safety equipment you need to be compliant on the job.

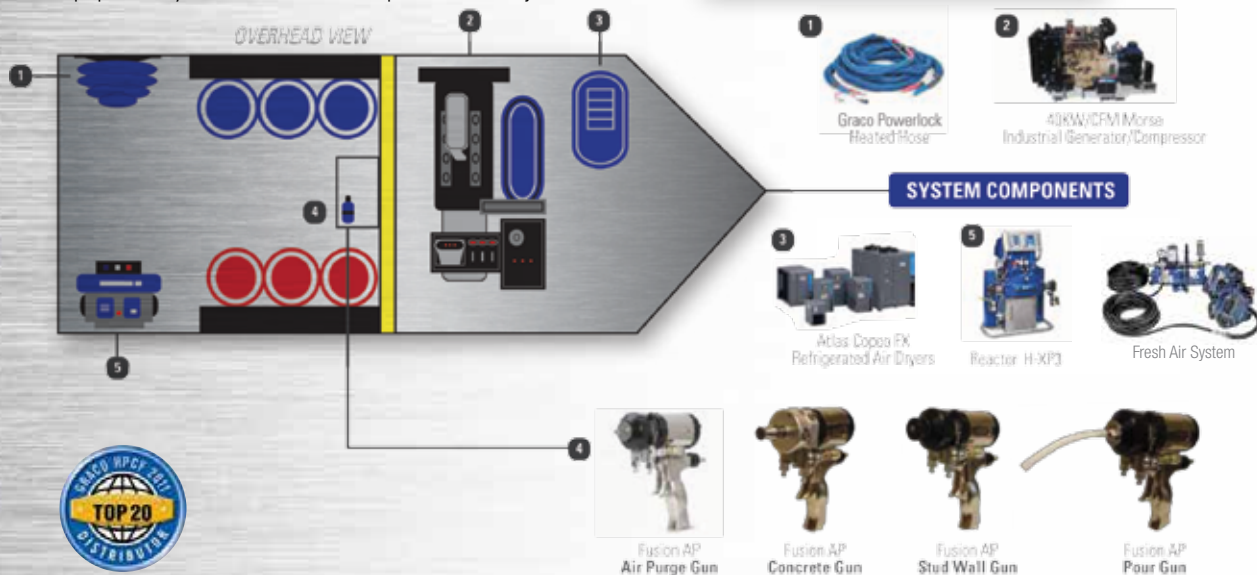
XD4 SERIES

SPRAY FOAM INSULATION & ROOFING
POLYUREA COATINGS
POLYURETHANE CONCRETE LIFTING
RETRO INJECTION FOAM



Setup in an 8x20 Cargo Hauler, the ProPAK XD4 can easily be towed by a 1 ton truck. There is plenty of room to carry up to three sets of foam and enough space to store ladders and scaffolding. The standard work bench stores all of your safety equipment. Backed by the powerful Graco H-XP3 Reactor, this rig allows you up to 3 gallons per minute of material output and up to 410' of hose length. Turn key unit with Generator power and Air Compressor on board.

GOOSENECK OR TAG ALONGS AVAILABLE



ProPAK XDi

MOBILE SPRAY RIGS

FEATURING THE REACTOR 2 E-XP2i

IDEAL FOR MEDIUM TO HIGH VOLUME APPLICATIONS. FUEL SAVING TECHNOLOGY ALLOWS FOR A FASTER, PROVEN RETURN ON INVESTMENT!

WORK MORE

The ProPAK XDi is a portable spray system that can be used to spray foam insulation, spray polyurea coatings and bedliners, injection foam, and polyurethane concrete lifting.

WORK ANYWHERE

The XDi features the Reactor2 E-XP2i – Reach lengths up to 310' from your spray rig with Powerlock Heated Hose. The all-in-one design of the E-XP2i allows you to spray anywhere.

WORK ANYTIME

On board generator power allows you to work anywhere, anytime. The XDi features a 21KW Diesel Generator for on site power as well as an Air Compressor for all your pneumatic needs.

WORK SAFE

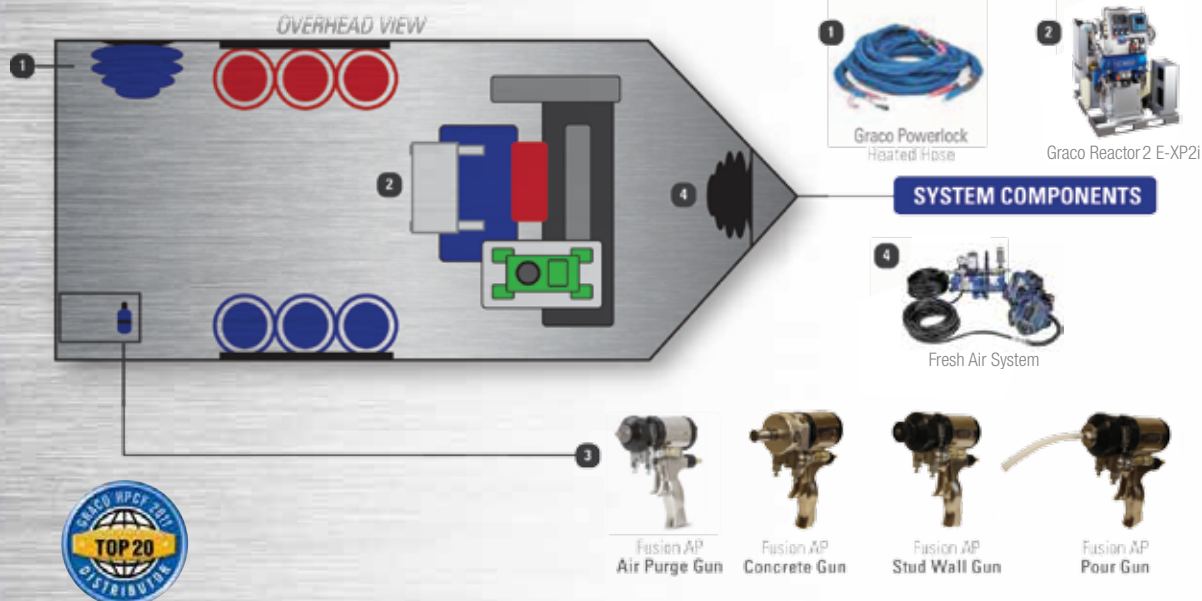
ProPAK Mobile Spray Rigs are engineered and designed by industry professionals that understand what you need to work safe. Each ProPAK Rig comes with a Fresh Air System and all of the necessary safety equipment you need to be compliant on the job.

XDi SERIES

SPRAY FOAM INSULATION & ROOFING
POLYUREA COATINGS
POLYURETHANE CONCRETE LIFTING
RETRO INJECTION FOAM



Setup in an 8x16 Cargo Hauler, the ProPAK XDi can easily be towed by a 3/4 ton truck. There is plenty of room to carry up to three sets of foam and enough space to store ladders and scaffolding. The standard work bench stores all of your safety equipment. Backed by the powerful Graco E-XP2i Reactor, this rig allows you up to 2 gallons per minute of material output and up to 310' of hose length. Turn key unit with Generator power and Air Compressor on board.





ProPAK

SERIES

WWW.PROTECTIVECOATINGSEQUIPMENT.COM



**SIMPLIFY YOUR
AIR BARRIER INSTALLATION
PROCESS WITH THE PROPAK PC1
MOBILE SPRAY RIG.**

Enclosed cargo hauler design allows for easy transport of equipment, materials, and job supplies; all under one roof.

High Quality spray equipment by Graco.
The HTX 2030 is the sprayer of choice for the fluid applied air and moisture barrier industry.

Turn key operation gives you unlimited onsite power and pneumatic needs, keeping you spraying all day long.

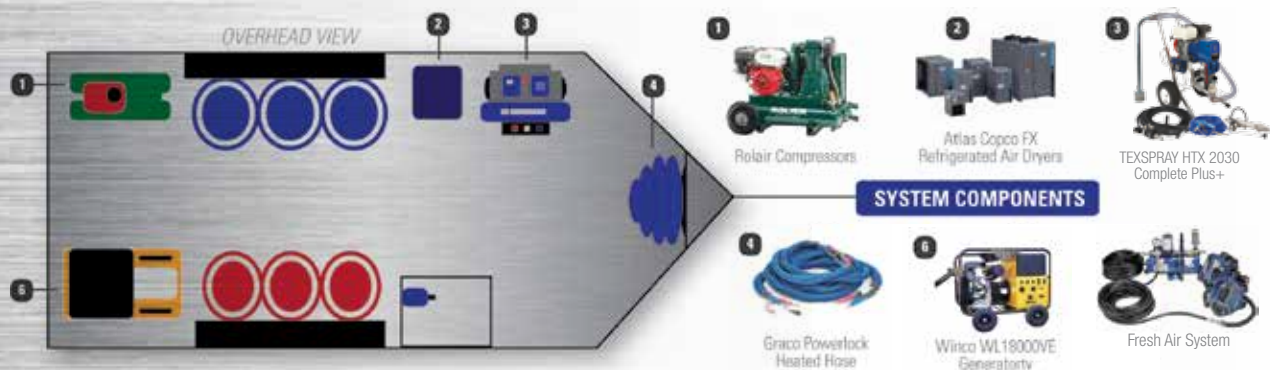
Training and Support from the SFS team backed by our full network of SFS suppliers.

PC1 SERIES

AIR AND MOISTURE BARRIERS



- Spray Air and Moisture Barriers
- Made to spray ABAA rated materials
- Increase Efficiency and Decrease Downtime
- Climate Controlled Mobile Storage
- Technical Support and Training



The TexSpray HTX 2030 is Graco's most powerful and versatile texture sprayer to date. Designed for today's demanding exterior aggregate and smooth coatings, the HTX 2030 offers extreme durability and simple operation. Capable of applying exterior smooth and aggregate textures, elastomerics, and acrylic materials, it can also spray drywall mud in an orange peel, splatter or knockdown finish. Combine this with the available MaxLife® Endurance High Pressure Pump and you can spray a wide variety of interior and exterior smooth materials including primers and paints.



ProPAK PC

MOBILE SPRAY RIGS

FEATURING THE GH933

THE MOST POWERFUL SPRAYER
IN THE INDUSTRY

WORK MORE

The ProPAK PC2 is a portable spray system that can be setup to spray single component high solid protective coatings or commercial roof coatings and can easily be upgraded to sprayfoam insulation, polyurea coatings, and other high performance plural component materials by adding an additional sprayer.

WORK ANYWHERE

The PC2 features the GH933 Hydraulic Sprayer - Take your rig anywhere with a turn key gas powered sprayer that can handle over 300' of spray hose. Upgrade with a Reactor E-XP1 and take your business further with plural component spray capabilities.

WORK ANYTIME

On board generator allows you to work anywhere, anytime. The PC2 features an 18 KW Generator for on site power as well as on board Air Compressor for all of your pneumatic needs.

WORK SAFE

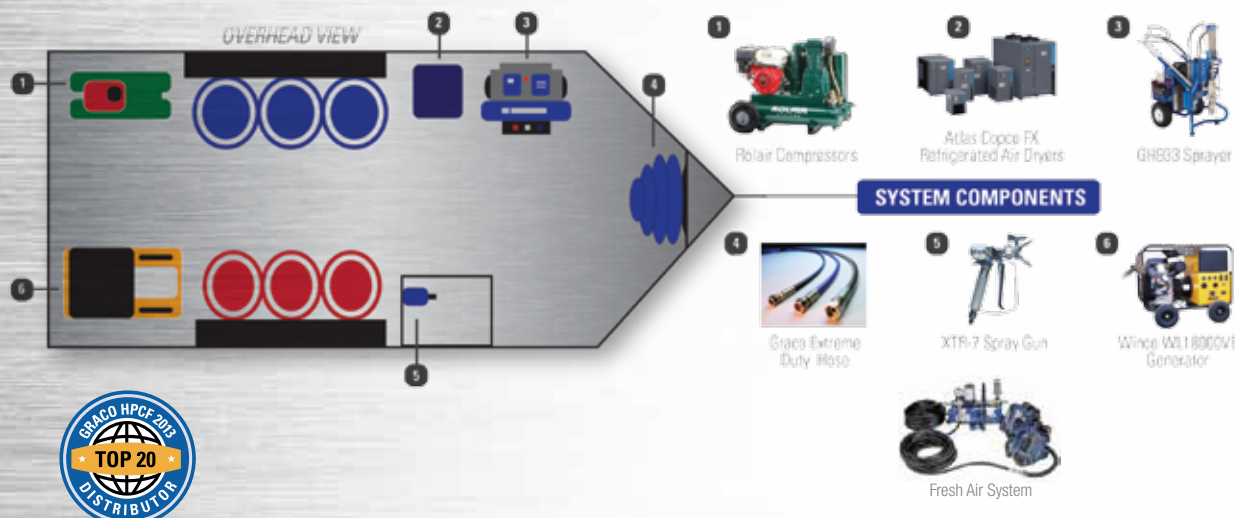
ProPAK Mobile Spray Rigs are engineered and designed by industry professionals that understand what you need to work safe. Each ProPAK Rig comes with a Fresh Air System and all of the necessary safety equipment you need to be compliant on the job.

PC2 SERIES

COMMERCIAL ROOFING PROTECTIVE COATINGS



The ProPAK PC2 was designed specifically for processing high viscosity single component coatings. Reach pressures up to 7250 PSI and outputs of 2.5 Gallons per minute with this spray rig! Customize to fit your specific needs!





**SIMPLIFY YOUR
PROTECTIVE COATINGS
INSTALLATION PROCESS WITH
THE PROPAK PC3
MOBILE SPRAY RIG.**

Enclosed cargo hauler design allows for easy transport of equipment, materials, and job supplies; all under one roof.

High Quality spray equipment by Graco.
The Xtreme 70:1 is the sprayer of choice for the fluid applied commercial roof coating industry.

Turn key operation gives you unlimited onsite power and pneumatic needs, keeping you spraying all day long.

Training and Support from the SFS team backed by our full network of SFS suppliers.



PC3 SERIES

**HIGH SOLID PROTECTIVE COATINGS
COMMERCIAL ROOF COATINGS**



- Spray High Viscous and High Solid Coatings
- Reach pressures of over 7000 PSI
- Increase Efficiency and Decrease Downtime
- Climate Controlled Mobile Storage
- Technical Support and Training



Graco Xtreme NXT high-pressure air-operated airless sprayers provide long-lasting durability that boosts your productivity. Designed with Graco's new NXT Air Motor, the Xtreme NXT is proven to outperform and outlast all other sprayers in its class. It easily handles the toughest protective coatings and corrosion control materials.

SPRAY FOAM SYSTEMS



*Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethane*

INTRODUCING

The New Reactor² E-30, E-XP2, E-30i, & E-XP2i



REACTOR² TOP 10 LIST

- 1. Advanced control technology**
 - Tracks, monitors and saves project data
 - Data can be downloaded onto a USB drive for further analysis
 - Easy to view data display
 - Stores up to 24 chemical recipes
 - Drum level indicators
- 2. Graco InSite Remote Reporting Technology**
 - Transmits real-time job activity you can view on your smart phone, tablet or computer
 - Lets you control your business wherever you are
- 3. Troubleshooting made easy**
 - On-screen troubleshooting with QR code shortcuts to web-based advanced troubleshooting info
 - Results in less downtime
- 4. Compact design**
 - 40% smaller footprint than a traditional Reactor E-30™
- 5. Ergonomics**
 - Easy to reach, conveniently-placed electronics
- 6. Troubleshooting Y-strainer**
 - Analog temperature and pressure gauges
- 7. Sacrificial surge protector**
 - Protects your electronics against excessive power spikes
 - Extra sacrificial surge protector included with Reactor 2 to get you back up and running immediately
- 8. Advanced circuit boards**
 - Handles power fluctuations
 - Minimizes pressure fluctuations on pump changeover
 - Result is a smooth, consistent spray performance similar to hydraulic systems
- 9. Brushless electric motor**
 - Improved control and performance
 - No maintenance
 - Longer life
- 10. Three-year warranty**
 - Covers user display module, control boards and electric motor
 - One of the best in the industry

GLOBAL FIELD-TESTING

MORE THAN
30,000 GALLONS
SPRAYED

LIFE TESTING

EIGHT REACTOR 2'S RAN
CONTINUOUSLY; EACH RAN OVER
THREE MILLION CYCLES

LAB TESTING

OVER 150 UNIQUE
TESTS PERFORMED IN THE
GRACO TEST LABS

GRACO | FOAM PROPORTIONERS



FOAM PROPORTIONERS

	Air-Driven	Electric (E Series)		
MODEL	A-25	E-10	E-20	REACTOR 2 E-30
Max Working Pressure	2000 psi (138 bar, 13.8 MPa) 28 scfm air consumption@100 psi	2000 psi (138 bar, 13.8 MPa)	2000 psi (138 bar, 13.8 MPa)	2000 psi (138 bar, 13.8 MPa)
Min Working Pressure	N/A	N/A	N/A	N/A
Max Hose Length	210 ft (64 m)	105 ft (32 m)	210 ft (64 m)	310 ft (94 m)
Max Fluid Temp	190°F (88°C)	160°F (71°C)	190°F (88°C)	190°F (88°C)
Output	25 lb (11.4 kg)/min	12 lb (5.4 kg)/min	20 lb (9 kg)/min	30 lb (13.6 kg)/min
Weight	250 lb (113 kg)	Heated: 160 lb (72 kg) Unheated: 150 lb (68 kg)	342 lb (155 kg)	355 lb (161 kg)
Ordering Information	With 6.0 kW heater:	With 1.7 kW heater:	With 6.0 kW heater:	Elite With 10.2 kW heater:
	40A–230V, 1-ph 262614 (Bare) AP2614 (AP Pkg) CS2614 (CS Pkg) P22614 (P2 Pkg)	120V, 2-cord 249570 (Bare) AP9570 (AP Pkg) CS9570 (CS Pkg)	48A–230V, 1-ph 259025 (Bare) AP9025 (AP Pkg) CS9025 (CS Pkg) P29025 (P2 Pkg)	272110 (Bare) AP2110 (AP Pkg) CS2110 (CS Pkg) P22110 (P2 Pkg)
	32A–230V, 3-ph 262614 (Bare) AP2614 (AP Pkg) CS2614 (CS Pkg) P22614 (P2 Pkg)	With 2.0 kW heater: 240V, 2-cord 249571 (Bare) AP9571 (AP Pkg) CS9571 (CS Pkg)	32A–230V, 3-ph 259034 (Bare) AP9034 (AP Pkg) CS9034 (CS Pkg) P29034 (P2 Pkg)	With 15.3kW heater: 272111 (Bare) AP2111 (AP Pkg) CS2111 (CS Pkg) P22111 (P2 Pkg)
	18.5A–380V, 3-ph (4-wire) 262614 (Bare) AP2614 (AP Pkg) CS2614 (CS Pkg) P22614 (P2 Pkg)	240V, 1-cord 249572 (Bare) AP9572 (AP Pkg) CS9572 (CS Pkg)	24A–400V, 3-ph 259030 (Bare) AP9030 (AP Pkg) CS9030 (CS Pkg) P29030 (P2 Pkg)	Standard With 10.2 kW heater: 272010 (Bare) AP2010 (AP Pkg) CS2010 (CS Pkg) P22010 (P2 Pkg)
		Unheated ambient system: 120V 249576 (Bare) 249806 (Pkg) 240V 249577 (Bare) 249808 (Pkg)		With 15.3 kW heater: 259057 (Bare) AP9057 (AP Pkg) CS9057 (CS Pkg) P29057 (P2 Pkg)
				*Amps 10kW: 230V 1-ph —78 230V 3-ph —50 400V 3-ph —34 15 kW: 230V 1-ph —100 230V 3-ph —62 400V 3-ph —35
Operation manual	3A1569	311075	312065	333023
Repair manual	3A1570	311075	312066	333024

Packages include spray hose, whip hose and gun. *Reactor 2 systems can be wired for all voltages: 230V-1ph; 230V-3ph; 400V-3ph



FOAM PROPORTIONERS

Hydraulic (H Series)			
MODEL	H-25	H-40	H-50
Max Working Pressure	2000 psi (138 bar, 13.8 MPa)	2000 psi (138 bar, 13.8 MPa)	1700 psi (117 bar, 11.7 MPa) 1-ph 2000 psi (138 bar, 13.8 MPa) 3-ph
Min Working Pressure	850 psi (59 bar, 5.9 MPa)	600 psi (41 bar, 4.1 MPa)	600 psi (41 bar, 4.1 MPa)
Max Hose Length	310 ft (94 m)	410 ft (125 m)	410 ft (125 m)
Max Fluid Temp	190°F (88°C)	190°F (88°C)	190°F (88°C)
Output	22 lb (10 kg)/min	45 lb (20 kg)/min	52 lb (23.6 kg)/min
Weight	8 kW: 535 lb (243 kg) 15 kW: 562 lb (255 kg)	597 lb (271 kg)	597 lb (271 kg)
Ordering Information	<p>With 8.0 kW heater:</p> <p>69A–230V, 1-ph 255400 (Bare) AP5400 (AP Pkg) CS5400 (CS Pkg) P25400 (P2 Pkg)</p> <p>46A–230V, 3-ph 255401 (Bare) AP5401 (AP Pkg) CS5401 (CS Pkg) P25401 (P2 Pkg)</p> <p>35A–400V, 3-ph 255402 (Bare) AP5402 (AP Pkg) CS5402 (CS Pkg) P25402 (P2 Pkg)</p> <p>With 15.3 kW heater:</p> <p>100A–230V, 1-ph 255406 (Bare) AP5406 (AP Pkg) CS5406 (CS Pkg) P25406 (P2 Pkg)</p> <p>59A–230V, 3-ph 255407 (Bare) AP5407 (AP Pkg) CS5407 (CS Pkg) P25407 (P2 Pkg)</p> <p>35A–400V, 3-ph 255408 (Bare) AP5408 (AP Pkg) CS5408 (CS Pkg) P25408 (P2 Pkg)</p>	<p>With 12.0 kW heater:</p> <p>100A–230V, 1-ph 253400 (Bare) AP3400 (AP Pkg) P23400 (P2 Pkg)</p> <p>With 15.3 kW heater:</p> <p>71A–230V, 3-ph 253401 (Bare) AP3401 (AP Pkg) P23401 (P2 Pkg)</p> <p>41A–400V, 3-ph 253402 (Bare) AP3402 (AP Pkg) P23402 (P2 Pkg)</p> <p>With 20.4 kW heater:</p> <p>95A–230V, 3-ph 253407 (Bare) AP3407 (AP Pkg) P23407 (P2 Pkg)</p> <p>52A–400V, 3-ph 253408 (Bare) AP3408 (AP Pkg) P23408 (P2 Pkg)</p>	<p>With 12.0 kW heater:</p> <p>100A–230V, 1-ph 253725 (Bare) AP3725 (AP Pkg) P23725 (P2 Pkg)</p> <p>With 15.3 kW heater:</p> <p>71A–230V, 3-ph 253726 (Bare) AP3726 (AP Pkg) P23726 (P2 Pkg)</p> <p>41A–400V, 3-ph 253727 (Bare) AP3727 (AP Pkg) P23727 (P2 Pkg)</p> <p>With 20.4 kW heater:</p> <p>95A–230V, 3-ph 256505 (Bare) AP6505 (AP Pkg) P26505 (P2 Pkg)</p> <p>52A–400V, 3-ph 256506 (Bare) AP6506 (AP Pkg) P26506 (P2 Pkg)</p>
Operation manual	312062	312062	312062
Repair manual	312063	312063	312063

Packages include spray hose, whip hose and gun.

EVEN A SMALL PART CAN MAKE A CRITICAL DIFFERENCE

Trust genuine Graco parts for all your spray equipment



DON'T RISK YOUR REPUTATION WITH ANYTHING LESS

It's happened before: A critical piece of equipment meets an unfortunate end due to the failure of one, tiny component. That's why Graco doesn't build just any off-the-shelf part into its equipment. We select and manufacture high quality components our customers have come to rely on. Our equipment is superior because its parts are superior – in design, quality and performance.

O-RINGS ARE JUST ONE EXAMPLE OF GRACO'S QUALITY

After spending the same amount of time submersed in solvent, the Graco O-ring (left) still fits snugly, protecting the side seal, while the non-Graco O-ring (right) expanded in diameter and swelled in cross section.



Graco Part



Non-Graco Part

Designed, tested and built for reliability

Each quality part is dependent on another

Protect your business with genuine Graco parts



PLURAL-COMPONENT SPRAY GUNS

	Liquid-Purge	Air-Purge		
MODEL	FUSION CS	FUSION AP	P2	GAP PRO
Materials sprayed	Foam and coatings	Foam and coatings	Foam and coatings	Foam and coatings
Maximum Output	25 lb/min (11.3 kg/min)	50 lb/min (22.7 kg/min)	40 lb/min (18 kg/min)	40 lb/min (18 kg/min)
Minimum Output	< 1 lb/min (<0.45 kg/min)	3 lb/min (1.4 kg/min)	3 lb/min (1.4 kg/min)	3 lb/min (1.4 kg/min)
Maximum Fluid Working Pressure	3500 psi (240 bar, 24.0 MPa)	3500 psi (240 bar, 24.0 MPa)	3200 psi (221 bar, 22.1 MPa)	3000 psi (207 bar, 20.7 MPa)
Maximum Working Air Inlet Pressure	130 psi (9 bar, 0.9 MPa)	130 psi (9 bar, 0.9 MPa)	110 psi (7.6 bar, 0.76 MPa)	125 psi (8.6 bar, 0.86 MPa)
Maximum Fluid Temperature	200°F (93°C)	200°F (93°C)	200°F (93°C)	200°F (93°C)
Weight (with manifold)	2.6 lb (1.2 kg)	3.1 lb (1.4 kg)	3.0 lb (1.4 kg)	2.7 lb (1.2 kg)
Air inlet size	1/4 npt quick disconnect nipple	1/4 npt quick disconnect nipple	1/4 npt	1/4 npt quick disconnect nipple
A Component (ISO) inlet size	-5 JIC; 1/2-20 UNF swivel	-5 JIC; 1/2-20 UNF swivel	-5 JIC; 1/2-20 UNF swivel	-5 JIC; 1/2-20 UNF swivel
B Component (Resin) inlet size	-6 JIC; 9/16-18 UNF swivel	-6 JIC; 9/16-18 UNF swivel	-6 JIC; 9/16-18 UNF swivel	-6 JIC; 9/16-18 UNF swivel
Wetted Parts	Aluminum, stainless steel, plated carbon steel, brass, chemically resistant O-rings	Aluminum, stainless steel, plated carbon steel, brass, chemically resistant O-rings	Aluminum, stainless steel, plated carbon steel, brass, carbide, fluorocarbon O-rings	Aluminum, stainless steel, plated carbon steel, brass, carbide, fluorocarbon O-rings
Gun Dimensions	6.5 x 8.1 x 3.6 in (16.5 x 20.6 x 9.1 cm)	7.5 x 8.1 x 3.3 in (19 x 20.6 x 8.4 cm)	6.9 x 8.7 x 3.5 in (17.5 x 22 x 8.9 cm)	7 x 7 x 4.4 in (17.8 x 17.8 x 11.2 cm)
Instruction manual	312666	309550	313213	311322
Applications	Residential foam insulation, roofing, other polyurethane foams and polyurea	Residential foam insulation, roofing, concrete, waterproofing and other polyurethane foams and elastomeric-coatings	Residential foam insulation, roofing, concrete, waterproofing and other polyurethane foams and elastomeric-coatings	Residential foam insulation, roofing, concrete, waterproofing and other polyurethane foams and elastomeric-coatings

GRACO | SPRAY GUNS



PLURAL-COMPONENT SPRAY GUNS

Mechanical-Purge

MODEL	FUSION MP	GX-7	GX-7 DI
Materials sprayed	Foam and coatings	Foam only	Coatings only
Maximum Output	50 lb/min (22.7 kg/min)	40 lb/min (18 kg/min)	22 lb/min (10.0 kg/min)
Minimum Output	2 lb/min (0.9 kg/min)	3.5 lb/min (1.6 kg/min)	4 lb/min (1.8 kg/min)
Maximum Fluid Working Pressure	3500 psi (240 bar, 24.0 MPa)	3500 psi (240 bar, 24.0 MPa)	3500 psi (240 bar, 24.0 MPa)
Maximum Working Air Inlet Pressure	130 psi (9 bar, 0.9 MPa)	125 psi (8.6 bar, 0.86 MPa)	125 psi (8.6 bar, 0.86 MPa)
Maximum Fluid Temperature	200°F (93°C)	200°F (93°C)	200°F (93°C)
Weight (with manifold)	3.4 lb (1.5 kg)	4.1 lb (1.9 kg)	4.1 lb (1.9 kg)
Air inlet size	1/4 npt quick disconnect nipple	1/4 npt quick disconnect nipple	1/4 npt quick disconnect nipple
A Component (ISO) inlet size	-5 JIC; 1/2-20 UNF swivel	-5 JIC; 1/2-20 UNF swivel	-5 JIC; 1/2-20 UNF swivel
B Component (Resin) inlet size	-6 JIC; 9/16-18 UNF swivel	-6 JIC; 9/16-18 UNF swivel	-6 JIC; 9/16-18 UNF swivel
Wetted Parts	Aluminum, stainless steel, plated carbon steel, brass, polycarb alloy, chemically resistant O-rings	Aluminum, stainless steel, brass, plated carbon steel, fluorocarbon O-rings	Aluminum, stainless steel, brass, plated carbon steel, fluorocarbon O-rings
Gun Dimensions	7.6 x 8.1 x 3.1 in (19.3 x 20.6 x 7.9 cm)	9 x 9.5 x 4.5 in (22.9 x 24.1 x 11.4 cm)	9 x 9.5 x 4.5 in (22.9 x 24.1 x 11.4 cm)
Instruction manual	309856	311321	311321
Applications	Residential foam insulation, roofing, concrete, waterproofing and other polyurethane foams and elastomeric-coatings	Residential foam insulation, roofing, concrete and other polyurethane foams	Medium output fast-set polyurea, polyurethane and hybrid coatings



PLURAL-COMPONENT SPRAY GUNS

Mechanical-Purge

MODEL	GX-7-400	GX-8	D-GUN
Materials sprayed	Coatings only	Coatings only	Foam only
Maximum Output	8 lb/min (3.6 kg/min)	1.5 lb/min (0.7 kg/min)	16 lb/min (7.2 kg/min)
Minimum Output	3.5 lb/min (1.6 kg/min)	< 1 lb/min (0.45 kg/min)	2 lb/min (1 kg/min)
Maximum Fluid Working Pressure	3500 psi (240 bar, 24.0 MPa)	3500 psi (240 bar, 24.0 MPa)	1000 psi (69 bar, 6.9 MPa)
Maximum Working Air Inlet Pressure	125 psi (8.6 bar, 0.86 MPa)	125 psi (8.6 bar, 0.86 MPa)	110 psi (7.6 bar, 0.76 MPa)
Maximum Fluid Temperature	200°F (93°C)	200°F (93°C)	150°F (65°C)
Weight (with manifold)	4.1 lb (1.9 kg)	3.1 lb (1.4 kg)	3.1 lb (1.4 kg)
Air inlet size	1/4 npt quick disconnect nipple	1/4 npt quick disconnect nipple	1/8 npt quick disconnect nipple
A Component (ISO) inlet size	-5 JIC; 1/2-20 UNF swivel	-5 JIC; 1/2-20 UNF swivel	-5 JIC; 1/2-20 UNF swivel
B Component (Resin) inlet size	-6 JIC; 9/16-18 UNF swivel	-6 JIC; 9/16-18 UNF swivel	-6 JIC; 9/16-18 UNF swivel
Wetted Parts	Aluminum, stainless steel, brass, plated carbon steel, fluorocarbon O-rings	Aluminum, stainless steel, brass, plated carbon steel, fluorocarbon O-rings	Aluminum, stainless steel, plated carbon steel, brass
Gun Dimensions	9 x 9.5 x 4.5 in (22.9 x 24.1 x 11.4 cm)	7 x 7.5 x 2.5 in (17.8 x 19 x 6.4 cm)	8 x 9 x 2.25 in (20.3 x 22.9 x 5.7 cm)
Instruction manual	311321	311338	311320
Applications	Low output fast-set polyurea, polyurethane and hybrid coatings	Very low output, fast-set polyurea, polyurethane and hybrid coatings	Low to medium output foam applications

GRACO REACTOR 2 E-30i ELITE & E-XP2i ELITE



		NO AIR COMPRESSOR			WITH AIR COMPRESSOR		
Model		Reactor 2 E-30i Elite	Reactor 2E-30i™ Elite with heat	Reactor 2 E-XP2i Elite with heat	Reactor 2 E-30i Elite	Reactor 2 E-30i Elite with heat	E-XP2i Elite with heat
Graco InSite		Yes	Yes	Yes	Yes	Yes	Yes
Max Working Pressure		2000 psi (138 bar, 13.8 MPa)	2000 psi (138 bar, 13.8 MPa)	3500 psi (240 bar, 24.0 MPa)	2000 psi (138 bar, 13.8 MPa)	2000 psi (138 bar, 13.8 MPa)	3500 psi (240 bar, 24.0 MPa)
Max Hose Length		310 ft (94 m)	310 ft (94 m)	310 ft (94 m)	310 ft (94 m)	310 ft (94 m)	310 ft (94 m)
Max Fluid Temperature		150°F (65°C)	190°F (87°C)	190°F (87°C)	150°F (65°C)	190°F (87°C)	190°F (87°C)
Max Output		30 lb (13.6kg)/min	30 lb (13.6kg)/min	2 gpm (7.6 lpm)	30 lb (13.6kg)/min	30 lb (13.6kg)/min	2 gpm (7.6 lpm)
Weight		1750 lb (794 kg)	1800 lb (816 kg)	1800 lb (816 kg)	2200 lb (998 kg)	2250 lb (1021 kg)	2200 lb (998 kg)
Heater Wattage		NA	4000 W	4000 W	NA	4000 W	4000 W
Auxiliary Power Available †		52 amps @ 240V	35 amps @ 240V	35 amps @ 240V	22 amps @ 240V	5 amps @ 240V	5 amps @ 240V
Auxiliary Power		120V or 240V, 1-ph			120V or 240V, 1-ph		
Compressor		NA	NA	NA	Hydrovane 5 HP, 16 cfm, 240V, 1-ph, 60 Hz		
Air Dryer		NA	NA	NA	Hankison refrigerated 22 scfm, 115V, 1-ph, 60 Hz		
Engine		Perkins 404-22G, 2.2 L, 29 HP			Perkins 404-22G, 2.2 L, 29 HP		
Generator		Mecc Alte 22 kW, 240V, 1-ph, 60 Hz, pancake style			Mecc Alte 22 kW, 240V, 1-ph, 60 Hz, pancake style		
Ordering Information:							
Base Machine		272079	272080	272081	272089	272090	272091
Gun Options	Fusion® AP Pkg	AP2079 (246102 gun)	AP2080 (246102 gun)	AP2081 (246101 gun)	AP2089 (246102 gun)	AP2090 (246102 gun)	AP2091 (246101 gun)
	Fusion CS Pkg	CS2079 (CS02RD gun)	CS2080 (CS02RD gun)	NA	CS2089 (CS02RD gun)	CS2090 (CS02RD gun)	NA
	P2 Pkg	P22079 (GCP2R2 gun)	P22080 (GCP2R2 gun)	P22081 (GCP2R1 gun)	P22089 (GCP2R2 gun)	P22090 (GCP2R2 gun)	P22091 (GCP2R1 gun)
Operation Manual		332636	332636	332636	332636	332636	332636
Repair Manual		332636	332636	332636	332636	332636	332636

*Packages include spray hose, whip hose and gun **Packages with Remote Display also include kit part number 24K338

† Available auxiliary current will be less when the engine is de-rated for site altitude. Reduce the available auxiliary current by 2.5 amps per 1000 ft (300 m) elevation increments. If the available auxiliary current is less than zero, the system configuration may not support the full load at that altitude.

GRACO INSITE REMOTE REPORTING TECHNOLOGY

- 24T280 Graco InSite Retrofit Kit. Compatible with the following Reactor 2 models: E-30, E-XP2.
 24T278 Graco InSite Retrofit Kit. Compatible with the following Reactor models: E-20™, E-30, E-XP1™, E-XP2, H-25™, H-40™, H-50™, H-XP2™ and H-XP3™
 24T279 Graco InSite Retrofit Kit. Compatible with the following first generation integrated Reactor models: E-30i, E-XP2i.
 16X521 Extension cable, 25 ft (7.5 m)



HOSES AND HOSE ACCESSORIES

Protect your hoses with Xtreme-Wrap Scuff Guard. For all Reactor 2 models.

- 24T243 10 ft (3 m) Wrap Kit
 24T244 50 ft (15 m) Wrap Kit
 24Y240 3/8 in x 50 ft (9.5 mm x 15 m) Hose, 2000 psi (138 bar, 13.8 MPa) with RTD and Xtreme-Wrap Scuff Guard
 24Y241 3/8 in x 50 ft (9.5 mm x 15 m) Hose, 3500 psi (240 bar, 24.0 MPa) with RTD and Xtreme-Wrap Scuff Guard
 24K240 3/8 in x 50 ft (9.5 mm x 15 m) Hose, 2000 psi (138 bar, 13.8 MPa) with RTD, w/ Scuff Guard
 24K241 3/8 in x 50 ft (9.5 mm x 15 m) Hose, 3500 psi (240 bar, 24.0 MPa) with RTD, w/ Scuff Guard
 246050 1/4 in x 10 ft (6.3 mm x 3 m) Whip Hose, 2000 psi (138 bar, 13.8 MPa)
 246055 1/4 in x 10 ft (6.3 mm x 3 m) Whip Hose, 3500 psi (240 bar, 24.0 MPa)
 24N450 50 ft (15 m) RTD cable
 24K207 Fluid Temperature Sensor with RTD

For list of all hose options, visit Graco.com



ADDITIONAL KITS AND ACCESSORIES



Hose Rack Kit

24K336

For integrated Reactor 2 systems. Supports 310 feet (94 m) of heated hose. (Some assembly required).

- 15V551 ADM Protective Covers, 10 pack
 15M483 Remote Display Protective Covers, 10 pack
 24U177 Feed Pump Shut Down Kit
 24M174 Drum Level Dip Sticks, for standard 55-gal drums

For Reactor 2 stand-alone models

- 24U314 Wheel Kit, includes wheels, handle and brackets, Reactor 2 stand-alone only
 24U315 Air Manifold Kit, Reactor 2 stand-alone only

For integrated Reactor 2 systems

- 24U176 Complete air compressor, refrigerated air dryer, frames, fastener and all electrical and air connections included. Assembly required.
 24K333 Fuel Tank/Battery Move Kit
 24K337 Light Tower Kit
 24U181 Booster Heat Kit, to reach temperatures above 140°F (60°C)

For more parts and accessories, see Graco Catalog 349104.



Remote Display Kit 24U174

The convenience of having control at the gun. For both integrated and stand-alone Reactor 2 systems.

With a Remote Display*, your sprayer/operator can:

- Adjust temperatures and pressures
- Turn heat zones and motor on and off
- View and clear alarms and warnings
- Place pump in park mode
- View drum level indicator
- Communicate with ADM at the equipment

*Additional CAN cable required, hose bundles available

GRACO | REACTOR® E-8P

**Pressure Gauges**

Easy to read gauges ensure you're spraying on-ratio.

**Holster for Suction Lines**

Keeps tubes in place during transport; prevents drips.

**Desiccant Air Dryer**

Allows air to be drawn into pail; protects material from contamination.

Pressure Balance Valves

Quick and easy balancing of system pressures enables correct start-up

Telescoping Handle

Easy handling from your vehicle to the home

Easy Controls

Intuitive start/stop with single knob operation

Threaded Bucket Spout Connection

Keeps your connection secure and prevents spills

Built-in Suction Lines

No need for feed pumps

**Lightweight and Portable**

Easy to maneuver up and down stairs, wherever the job goes – only 95 lb (43 kg)

Electric Motor

Proven motor performance and reduced operating costs; plugs into a standard residential outlet

Alarm / Status Indicator

Shuts down unit if off-ratio conditions exist – assures good quality foam at the job site

**Carrying Handle/Hose Wrap**

Easy to transport, convenient hose storage.

Spray Guns

Uses standard Graco Fusion or P2 Guns; provides consistent spray patterns

Non-heated Hose

Easy to maneuver – 70% lighter than standard Reactor heated hose

TECHNICAL SPECIFICATIONS

Max fluid working pressure	2000 psi (140 bar, 14 MPa)
Electrical requirements	Model 259082: 120 Vac, dedicated 15 A-circuit, 1 phase, 50/60 Hz
Max output	12 lb/min (5.4 kg/min) at 340 cycles/min
Max chamber size	00 (orifice size 0.029)
Output per cycle (A and B)00352 gal (0.0133 liter)
Sound power (per ISO 9614-2)	94.4 dB(A) at 2000 psi (140 bar, 14 MPa) 0.5 gpm (1.9 lpm)
Sound pressure (1 m from equipment)	84.5 dB(A) at 2000 psi (140 bar, 14 MPa) 0.5 gpm (1.9 lpm)
Fluid outlets	Component A (ISO):-5 JIC male Component B (RES):-6 JIC male
Fluid circulation return	Component A (ISO):-5 JIC male Component B (RES):-6 JIC male
Hose markings	A side: Red; B side: Blue
Wetted parts	Aluminum, stainless steel, carbon steel, brass, carbide, chrome, chemically resistant o-rings, PTFE, ultra-high molecular weight polyethylene
Dimensions (Bare sprayer)	35 L x 24 H x 15 W in (89 x 61 x 38 cm)
Weight (Bare sprayer, no hose, no gun)	95 lb (43 kg)
Operation manual	3A1602A

For best results, use specially formulated no-heat polyurethane foam and follow chemical manufacturer's application recommendations.

ORDERING INFORMATION

SPRAYERS *-Packages include gun and 35 ft (10.6 m) of non-heated hose*

259082	Bare proportioner
AP9082	Proportioner package with Fusion AP Gun (246100) and non-heated hose (249633)
CS9082	Proportioner package with Fusion CS Gun (CS00RD) and non-heated hose (249633)
P29082	Proportioner package with P2 Gun (GCP2R0) and non-heated hose (249633)

ACCESSORIES

119974	Dryer, desiccant
249855	Repair kit, displacement pump; includes seals, balls, bearings, intake valve seat
246010	Suction hose, pump to 5 gal pail
24J155	Adapter, spout, pour, assembly A
24J766	Adapter, spout, pour, assembly B
16H615	Tube, recirculation
249633	Hose bundle, 35 ft (10.6 m), non-insulated

GUNS

246099	Fusion AP: AR2020 (000) mix chamber (0.020 orifice size)
246100	Fusion AP: AR2929 (00) mix chamber (0.029 orifice size)
GCP2RA	P2: GC250A mix chamber with GC251A tip (0.020 orifice size)
GCP2R0	P2: GC2500 mix chamber with GC2510 tip (0.029 orifice size)
CS20RD	Fusion CS: RD2020 (000) round mix chamber (0.020 orifice size)
CS00RD	Fusion CS: RD0000 (00) round mix chamber (0.029 orifice size)



ENGINEERED FOR MORE OUTPUT, BETTER PERFORMANCE AND GREAT VALUE

- Quick-disconnect feature for simple drum removal
- Easily handle higher viscosity materials – even in cold conditions
- High output pumps – get the job done faster
- Designed for easy maneuverability and handling
- Affordable options – meeting your business and performance needs

ORDERING INFORMATION

Graco T1 Transfer Pump

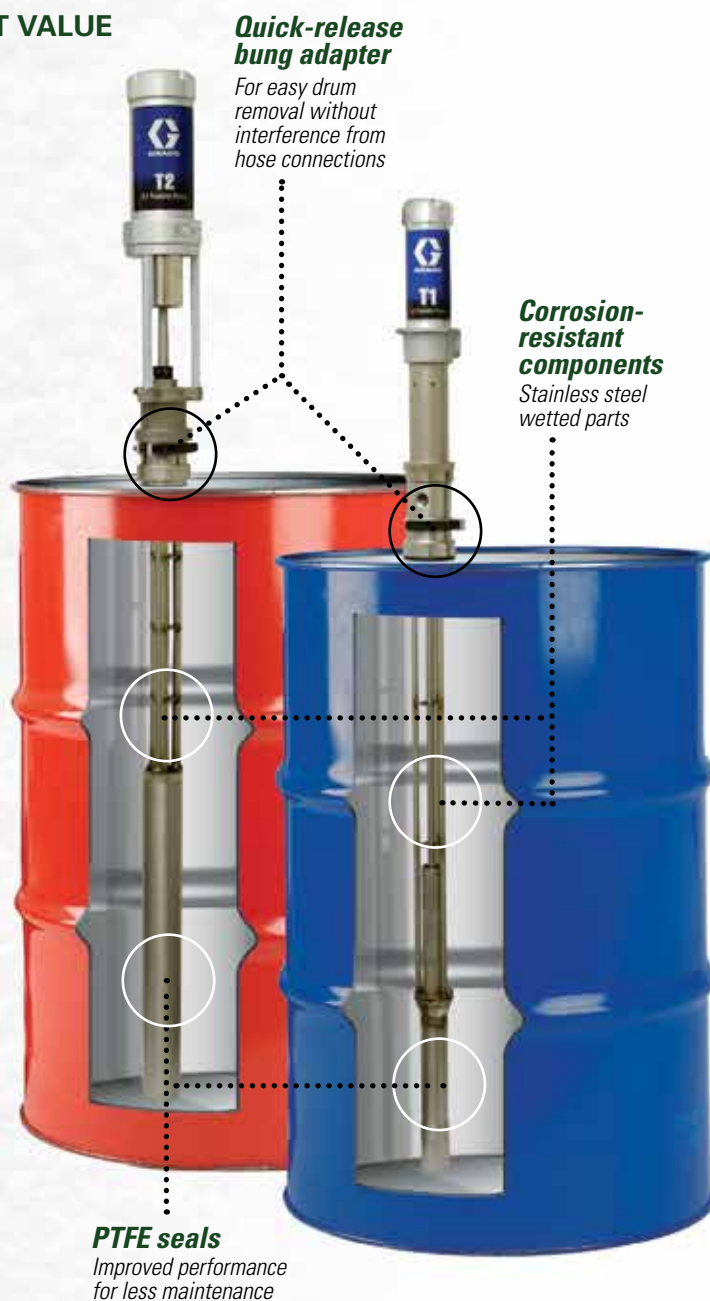
- 256200 Graco T1 2:1 Transfer Pump
 247955 Two Graco T1 2:1 Transfer Pumps,
 air supply kit, 10 ft x 3/4 in
 (3 m x 19 mm) supply hose and fittings
 247956 Two Graco T1 2:1 Transfer Pumps and
 10 ft x 3/4 in (3 m x 19 mm) supply hose
 312766 Operation and repair manual

Graco T2 Transfer Pump

- 295616 Graco T2 2.25:1 Transfer Pump
 246081 Two Graco T2 2.25:1 Transfer Pumps,
 air supply kit, 10 ft x 3/4 in
 (3 m x 19 mm) supply hose and fittings
 246898 Two Graco T2 2.25:1 Transfer Pumps and
 10 ft x 3/4 in (3 m x 19 mm) supply hose
 311882 Operation and repair manual

DISCOVER THE ADVANTAGES OF THE T1 AND T2 PUMPS

- O-ring seal design is more durable and lasts longer – more spraying uptime and less time on maintenance
- Provide consistent feed pressures and flow rates for dependable results
- Maintain performance in working environments - lower inlet pressure drops with higher viscosity materials in any climatic condition
- Designed and manufactured by the worldwide leader in pump technology



55 gallon drum not included.

	T1 PUMP	T2 PUMP
Ratio	2:1	2.25:1
Maximum output - continuous	2.5 gpm (9.5 lpm)	5.0 gpm (19 lpm)
Maximum output - intermittent	4.0 gpm (15 lpm)	7.5 gpm (28 lpm)
Maximum input air pressure	180 psi (12 bar, 1.2 MPa)	180 psi (12 bar, 1.2 MPa)
Maximum output fluid pressure	360 psi, (25 bar, 2.5 MPa)	405 psi, (28 bar, 2.8 MPa)
Maximum ambient temperature	120° F (50° C)	120° F (50° C)
Maximum fluid temperature	190° F (88° C)	190° F (88° C)
Weight	17 lb (7.7 kg)	21 lb (9.5 kg)
Dimensions	51.5 in (130.8 cm) length; 2.6 in (66 cm) diameter (cap)	54 in (137 cm) length; 3.5 in (89 cm) diameter (cap)

IPM Drum Mixer

IPM drum mixers have self-collapsing (gravity) blades to allow insertion through a standard 2" drum bung. Clockwise rotation by the air motor spins and extends the blades into mixing position as shown. Shaft, blades, and all other wetted parts are stainless steel.



DM-101 Drum Mixer



IPM 2:1 PUMPS

IP02 SERIES PUMP	OP SERIES PUMP	CAPACITY Gallons/Liters	BUNG TO BOTTOM
IP02S	N/A	5 (19L)	14.6"/370.8mm
IP02S*	OP242A*	16 (61L)	27"/686mm
IP02S*	OP242A	30 (114L)	29"/737mm
IP02	OP242CD or OP232C	55 (208L)	33"/838mm
IP02*	OP232C*	250 (947L)	38.5"/978mm

*The use of risers and different extensions will permit the variations of all container sizes.
Note: IP02 series come in both stainless and carbon steel. OP series come in stainless only.

The first single-application,
open cell spray foam insulation of its kind
that requires no additional
ignition barrier is ***now even better!***

CONTRACTORS AND BUILDERS will appreciate everything GacoFireStop2 offers.



CONTRACTORS

- Higher Yields, Better Product Performance
- Standard ISO Reduces Handling Costs
- No Additional Ignition Barrier Needed
- Single Step Installation Saves Time and Money
- Quick, Easy Code Approval – Reduced Legal Liability

BUILDERS

- No Additional Ignition Barrier Needed
- Improve Air Seal and R-Value
- Exceeds New Building Codes
- Save Money on HVAC Systems
- Sustainable – High Bio-Renewable Content

Save MORE time and money with GacoFireStop2.

GacoFireStop2 is the first single-application open cell spray foam insulation of its kind that requires no additional ignition barrier. Say goodbye to lengthy, expensive, hard-to-inspect 2-step installation processes.

With GacoFireStop2, just one application is all it takes – and because it's easy for code officials to inspect and pass, contractors will be on and off the job fast, with reduced legal liability.



GacoFireStop2 – now even better!

This true half-pound foam provides higher yields for lower installed costs and improved sprayability and rise which saves time on the job. It also offers excellent adhesion and is easy to trim.

Because the fire retardant is now built into the product itself, GacoFireStop2 uses standard ISO, which greatly reduces your material handling costs.

Plus, GacoFireStop2 is sustainable – it contains high biorenewable content.

GacoProFillTM SYSTEM

INNOVATIVE NEW CONSTRUCTION
APPLICATION FOR OPEN CELL FOAM

No Waste • Reduces Labor • Increases Yield

PATENT PENDING

The GacoProFill System is the first complete spray foam system to offer a consistent cavity fill, a smooth surface with no trimming needed, AND it installs in a fraction of the time needed for other spray foam products.

The GacoProFill System is comprised of a tough, true polyurethane based spray foam that is quickly and easily installed behind a membrane. This system provides all the benefits of other open cell products at a much lower installed cost.

And best of all, GacoProFill is THE BEST CHOICE for both New Construction and Retrofit Applications.



HOMEOWNER / BUILDING-OWNER BENEFITS

ENERGY EFFICIENT. High R-value and a seamless air barrier reduce air leakage and lower energy costs.

LONG TERM VALUE. Will not shrink, settle or sag; provides a seamless insulation barrier year after year.

HEALTHY. Reduces condensation, moisture and mold, improving occupant comfort, health and safety.

QUIET. Acts as a sound barrier to help block airborne noise and absorb sound.



GACO WALLFOAM | GACO 052N

OPEN CELL FOAM



SPRAYABILITY. Easy to spray with a more controlled rise, resulting in less waste.

PREDICTABILITY. Provides consistent and predictable yields.

EASE OF USE. Constant mixing is not required.

R-VALUE. One of the highest Aged R-Values available in the industry today.

ENERGY EFFICIENT. Seamless air barrier reduces uncontrolled air leakage, lowering energy costs for building owner and homeowner.

HEALTHY. Reduces condensation, moisture and mold, improving occupant comfort, health and safety.

RESPONSIBLE. Higher aged R-Values than conventional insulation. Reduces energy consumption and contains no ozone-depleting chemicals. Earn up to 20 LEED credits.

QUIET. Acts as a sound barrier to help block airborne noise and absorbs sound. Proven to decrease exterior noise by up to 20 decibels.

Gaco 052N is a water-blown, spray-applied system that cures to a semi-rigid low-density foam. The cured product is dimensionally stable in all weather conditions and its insulating properties do not significantly diminish over time. Gaco 052N is safe for the environment, containing no CFC's, HCFC's, HFC's, formaldehyde or ozone depleting chemicals. Gaco 052N is a Class I fire rated foam and meets the requirements of ICC-ES AC377 Acceptance Criteria for Foam Plastic Insulation.

TECHNICAL INFORMATION: Gaco 052N forms a completely sealed air barrier in wall cavities and can be used to fill 2" x 6" stud wall construction in a single application. Its performance is superior to commonly used fiberglass batting or loose fill insulation. It adheres well to most building materials and will provide a continuous barrier against air infiltration for the life of the building. Gaco 052N is semi-rigid in nature but is flexible enough to withstand normal expansion and contraction of building components. Yields up to 15,000 board feet per set (1,020 Lbs.) are possible under optimum conditions.

The information herein is believed to be reliable but unknown risks may be present. ALL WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND THAT GOODS ARE OF MERCHANTABLE QUALITY, ARE SPECIFICALLY DISCLAIMED. See Gaco Western for information concerning its limited warranty and its availability.

Insulation. Air Barrier. Vapor Retarder. Thermal Break.

Gaco 183M Closed Cell Foam provides it all...and more.



EXCEPTIONAL SPRAYABILITY. Superior formulation provides consistent, forgiving, user friendly foam with predictable yields and less gun clogging.

WINTER AND SUMMER FORMULATION. Sprays in any climate; expands your spray window in colder temperatures.

LESS VISCOUS. Reduces wear and tear on equipment.

LOWER ODOR. Improves work environment.

EXCELLENT ADHESION. Ideal for use on all types of substrates.



As building codes continue to become more stringent, and states and localities continue to adopt codes requiring increased energy efficiency and low emissions, Gaco 183M provides a multifunctional solution to the rising cost of building materials required to meet today's demand for high-performance buildings.

Not only does Gaco 183M offer the exceptional all-around performance that spray foam applicators demand, architects and specifiers will appreciate its design flexibility and sustainable contribution to healthy building interiors, along with the energy efficiency and occupant comfort that owners desire.

An air barrier system stops the uncontrolled flow of air into and out of the building envelope, thereby reducing moisture problems, building heating and cooling costs, and greenhouse gas production; it improves indoor air quality, acoustical isolation and the indoor environment; overall, an air barrier system results in sustainable, durable buildings.

As an ABAA Evaluated Material as part of an ABAA Evaluated Assembly, Gaco 183M Closed Cell Foam is approved for use in air barrier systems.

Building products can have a significant impact on indoor air quality, and can emit hundreds of chemicals into the air that building occupants breathe. GREENGUARD Certification has been widely adopted as a trusted standard for low-emitting products. More than 400 green building codes, standards, guidelines, procurements policies, and rating systems recognize or reference GREENGUARD Certified products.

Gaco 183M is GREENGUARD Gold Certified, signifying that it has been tested and certified to be in compliance with stringent chemical emissions guidelines set by UL Environment, and that it meets some of the world's most rigorous, third-party chemical emissions standards.



TESTED AND APPROVED.



Gaco 183M is tested and approved for use in Construction Types I, II, III, IV and V (all construction types applicable to residential, commercial and industrial construction).

USE IN, ON AND AROUND:

- Walls
- Ceilings
- Floors
- Attics
- Crawlspace
- Foundations
- Concrete Slabs
- Residential Ducts
- Plenums
- Piping

RECOMMENDED OR USE IN:

- Commercial and Industrial Buildings
- Metal Buildings
- Military Construction and Renovation
- Agricultural Buildings
- Cold Storage and Freezers
- Storage Tanks
- Other Industrial Applications and More

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POLYUREA COATING SYSTEMS



*Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethane*



COATING REACTORS



COATINGS PROPORTIONERS

	Electric (E Series)			Hydraulic (H Series)	
MODEL	E-10HP	E-XP1	E-XP2	H-XP2	H-XP3
Max Working Pressure	2500 psi (172 bar, 17.2 MPa)	2500 psi (172 bar, 17.2 MPa)	3500 psi (240 bar, 24.0 MPa)	3500 psi (240 bar, 24.0 MPa)	3-ph: 3500 psi (240 bar, 24.0 MPa) 1-ph: 3200 psi (221 bar, 22.1 MPa)
Min Working Pressure	N/A	N/A	N/A	1200 psi (83 bar, 8.3 MPa)	850 psi (59 bar, 5.9 MPa)
Max Hose Length	105 ft (32 m)	210 ft (64 m)	310 ft (94 m)	310 ft (94 m)	410 ft (125 m)
Max Fluid Temp	170°F (77°C)	190°F (88°C)	190°F (88°C)	190°F (88°C)	190°F (88°C)
Output	1.0 gpm (3.8 lpm)	1.0 gpm (3.8 lpm)	2.0 gpm (7.6 lpm)	1.5 gpm (5.7 lpm)	2.8 gpm (10.6 lpm)
Weight	239 lb (108 kg)	342 lb (155 kg)	438 lb (199 kg)	562 lb (255 kg)	597 lb (271 kg)
Ordering Information	With 10.2 kW heater: 69A-120V, 1-ph 24T100 (Bare) APT100 (AP Pkg) P2T100 (P2 Pkg) 43A-230V 3-ph 24T900 (Bare) APT900 (AP Pkg) P2T900 (P2 Pkg)	With 10.2 kW heater: 69A-230V, 1-ph 259024 (Bare) AP9024 (AP Pkg) P29024 (P2 Pkg) 43A-230V 3-ph 259033 (Bare) AP9033 (AP Pkg) P29033 (P2 Pkg) 24A-400V, 3-ph 259029 (Bare) AP9029 (AP Pkg) P29029 (P2 Pkg)	With 15.3 kW heater: 100A-230V, 1-ph 259028 (Bare) AP9028 (AP Pkg) P29028 (P2 Pkg) 62A-230V, 3-ph 259036 (Bare) AP9036 (AP Pkg) P29036 (P2 Pkg) 35A-400V, 3-ph 259032 (Bare) AP9032 (AP Pkg) P29032 (P2 Pkg)	With 15.3 kW heater: 100A-230V, 1-ph 255403 (Bare) AP5403 (AP Pkg) P25403 (P2 Pkg) 59A-230V, 3-ph 255404 (Bare) AP5404 (AP Pkg) P25404 (P2 Pkg) 35A-400V, 3-ph 255405 (Bare) AP5405 (AP Pkg) P25405 (P2 Pkg)	With 12.0 kW heater: 100A-230V, 1-ph 253403 (Bare) AP3403 (AP Pkg) P23403 (P2 Pkg) With 20.4 kW heater: 95A-230V, 3-ph 253404 (Bare) AP3404 (AP Pkg) P23404 (P2 Pkg) 52A-400V, 3-ph 253405 (Bare) AP3405 (AP Pkg) P23405 (P2 Pkg)
Operation manual	332144	312065	312065	312062	312062
Repair manual	332144	312066	312066	312063	312063

Packages include spray hose, whip hose and gun.

GRACO | SPRAY GUNS



PLURAL-COMPONENT SPRAY GUNS

	Air-Purge		Mechanical-Purge	
MODEL	FUSION AP	P2	GX-7-400	FUSION MP
Materials sprayed	Foam and coatings	Foam and coatings	Coatings only	Foam and coatings
Maximum Output	50 lb/min (22.7 kg/min)	40 lb/min (18 kg/min)	8 lb/min (3.6 kg/min)	50 lb/min (22.7 kg/min)
Minimum Output	3 lb/min (1.4 kg/min)	3 lb/min (1.4 kg/min)	3.5 lb/min (1.6 kg/min)	2 lb/min (0.9 kg/min)
Maximum Fluid Working Pressure	3500 psi (240 bar, 24.0 MPa)	3200 psi (221 bar, 22.1 MPa)	3500 psi (240 bar, 24.0 MPa)	3500 psi (240 bar, 24.0 MPa)
Maximum Working Air Inlet Pressure	130 psi (9 bar, 0.9 MPa)	110 psi (7.6 bar, 0.76 MPa)	125 psi (8.6 bar, 0.86 MPa)	130 psi (9 bar, 0.9 MPa)
Maximum Fluid Temperature	200°F (93°C)	200°F (93°C)	200°F (93°C)	200°F (93°C)
Weight (with manifold)	3.1 lb (1.4 kg)	3.0 lb (1.4 kg)	4.1 lb (1.9 kg)	3.4 lb (1.5 kg)
Air inlet size	1/4 npt quick disconnect nipple	1/4 npt	1/4 npt quick disconnect nipple	1/4 npt quick disconnect nipple
A Component (ISO) inlet size	-5 JIC; 1/2-20 UNF swivel	-5 JIC; 1/2-20 UNF swivel	-5 JIC; 1/2-20 UNF swivel	-5 JIC; 1/2-20 UNF swivel
B Component (Resin) inlet size	-6 JIC; 9/16-18 UNF swivel	-6 JIC; 9/16-18 UNF swivel	-6 JIC; 9/16-18 UNF swivel	-6 JIC; 9/16-18 UNF swivel
Wetted Parts	Aluminum, stainless steel, plated carbon steel, brass, chemically resistant O-rings	Aluminum, stainless steel, plated carbon steel, brass, carbide, fluorocarbon O-rings	Aluminum, stainless steel, brass, plated carbon steel, fluorocarbon O-rings	Aluminum, stainless steel, plated carbon steel, brass, polycarb alloy, chemically resistant O-rings
Gun Dimensions	7.5 x 8.1 x 3.3 in (19 x 20.6 x 8.4 cm)	6.9 x 8.7 x 3.5 in (17.5 x 22 x 8.9 cm)	9 x 9.5 x 4.5 in (22.9 x 24.1 x 11.4 cm)	7.6 x 8.1 x 3.1 in (19.3 x 20.6 x 7.9 cm)
Instruction manual	309550	313213	311321	309856
Applications	Residential foam insulation, roofing, concrete, waterproofing and other polyurethane foams and elastomeric coatings	Residential foam insulation, roofing, concrete, waterproofing and other polyurethane foams and elastomeric coatings	Low output fast-set polyurea, polyurethane and hybrid coatings	Residential foam insulation, roofing, concrete, waterproofing and other polyurethane foams and elastomeric coatings

Go to INDUSTRIAL EQUIPMENT section —Spray Gun Accessories pages for more information.

VERSAFLEX® FSS 45 DC™ PURE POLYUREA COATING



PRODUCT INFORMATION

PRODUCT TYPE: VersaFlex FSS 45DC is a fast set, rapid curing, 100% solids, flexible, two-component polyurea elastomer spray coating material.

GENERAL PROPERTIES: FSS 45DC is used by itself or in combination with other materials to produce coatings, liners, wearing courses and resilient surfaces on concrete and other substrates. FSS 45DC produces an extremely tough film at all thicknesses. FSS 45DC may be applied in all positions and to any properly prepared substrates. FSS 45DC is inert, it will not hydrolyze, leach, or contaminate other materials, and is bondable and paintable. FSS 45DC is relatively moisture and temperature insensitive, allowing application in the most problematic ambient conditions.

RECOMMENDED USES: VersaFlex FSS 45DC is a superior coating designed for concrete and other substrates involving industrial applications receiving constant or intermittent attack from contained materials, subsurface hydrostatic pressure, and abrasive action. FSS 45DC is flexible, accommodating to movement of the substrate, yet strong enough to remain intact under all conditions except major structural dislocations. With or without reinforcements, FSS 45DC may be used in transitional areas with confidence. FSS 45DC may be used in interior or exterior applications.

PRODUCT LIMITATIONS: FSS 45DC should not be used for direct contact with extremely high or low pH attack. Composite systems are available. Consult VersaFlex.

COVERAGE RATES:

Theoretical square feet per gallon

**Note: 1604 mil inches per gallon. Totally dependent on substrate texture and condition.*

Mils	10	15	50	60	80	100	125
Sq. Ft.	160	107	32	27	20	16	13

MIXING: FSS 45DC must be spray applied using approved equipment. Use 1:1 ratio pump, with appropriate material heaters as required for individual application.

PREPARATION & INSTALLATION: Please review the Material Processing & Handling Information for preparation and application procedures. Substrate priming is not required on all metals, consult VersaFlex for recommendations. Also, please consult the VersaFlex Spray Gun Configuration Recommendation PDF for specific modules and tips.

CLEAN UP: Cured product may be disposed of without restriction. Excess liquid 'A' & 'B' material should be mixed together and allowed to cure, then disposed of in the normal manner. Product containers that are "drip free" may be disposed of according to local, state and federal laws.

Tensile Strength:	1800 - 2400 psi	ASTM D-638
Elongation:	450 - 520%	ASTM D-638
Perms:	.025	ASTM E-96
Solids (By Volume):	100%	Theoretical
Solids (By Weight):	100%	Theoretical
VOC:	0	Theoretical
Shore D Hardness:	45	ASTM D-2240
Elasticity: 100% Modulus: 300% Modulus:	960 1,450	ASTM D-638 ASTM D-638
Tear Strength, Die C:	325 - 450 pli	ASTM D-624
Taber abrasion, mg wt. loss (1000 g, 1000 revs, H-18):	150 - 250	ASTM D-4060
Application Temperature, °F:	-40° - 300°	
Service Temperature, °F:	-40° - 350°	
Gel Time, seconds:	15 - 30	
Tack Free, seconds:	75 - 105	
Foot Traffic:	60 minutes	

STANDARD COLORS

View our ColorFlex chart at www.versaflex.com. Special colors available upon request.

ORDERING INFORMATION

PRODUCT IS AVAILABLE IN:

One Hundred Ten Gallon Kit: 55 gallons of 'A' side and 55 gallons of 'B' side. Drum containers filled by weight, volume is closely approximated.

SAFETY: Review MSDS at VersaFlex.com
Basic safety for personal protection is:

- Long sleeve overalls or disposable Tyvex overalls
- Rubber gloves
- Splash shield or safety glasses with splash guards
- Rubber or leather boots
- Respirator
- Do not use near high heat or open flame
- Do not take internally
- Keep out of reach of children

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Premium Spray Products to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Premium Spray Products. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY PREMIUM SPRAY PRODUCTS EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

VERSAFLEX[®] FSS 50 DM[™] PURE POLYUREA COATING**PRODUCT INFORMATION**

PRODUCT TYPE: VersaFlex FSS 50DM is a fast set, rapid curing, 100% solids, flexible, two-component polyurea elastomer spray coating material.

GENERAL PROPERTIES: FSS 50DM is used by itself or in combination with other materials to produce coatings, liners, wearing courses, and resilient surfaces on metal and other substrates. FSS 50DM produces an extremely tough film at all thicknesses. Single or multiple pass applications produce films from 10 mils to 1,000 mils without appreciable sag or runs. FSS 50DM may be applied in all positions and to any properly prepared surface. FSS 50DM is inert, it will not hydrolyze, leach, or contaminate other materials, and is bondable and paintable. FSS 50DM is relatively moisture and temperature insensitive, allowing application in the most problematic ambient conditions.

RECOMMENDED USES: VersaFlex FSS 50DM is a superior metal coating material designed specifically for industrial applications receiving constant or intermittent attack from contained materials, most corrosive substrates and abrasive action. FSS 50DM may be used to coat any properly prepared substrate. FSS 50DM is flexible, accommodating to movement of the substrate, yet strong enough to remain intact under all conditions except major structural dislocations. With or without reinforcements, FSS 50DM may be used in transitional areas with confidence. FSS 50DM may be used in interior or exterior applications. FSS 50DM is recommended for repair of other films, may be applied to metal and other substrates, in new construction and in cold weather conditions.

PRODUCT LIMITATIONS: FSS 50DM should not be used for direct contact with extremely high or low pH attack. Composite systems are available. Consult VersaFlex.

COVERAGE RATES:**Theoretical square feet per gallon**

**Note: 1604 mil inches per gallon. Totally dependent on substrate texture and condition.*

Mils	10	15	50	60	80	100	125
Sq. Ft.	160	107	32	27	20	16	13

MIXING: FSS 50DM must be spray applied using approved equipment. Use 1:1 ratio pump, with appropriate material heaters as required for individual application.

PREPARATION & INSTALLATION: Please review the Material Processing & Handling Information for preparation and application procedures. Substrate priming is not required on all metals, consult VersaFlex for recommendations.

CLEAN UP: Cured product may be disposed of without restriction. Excess liquid 'A' & 'B' material should be mixed together and allowed to cure, then disposed of in the normal manner. Product containers that are "drip free" may be disposed of according to local, state and federal laws.

Tensile Strength:	2000 - 2800 psi	ASTM D-638
Elongation:	260 - 360%	ASTM D-638
Solids (By Volume):	100%	Theoretical
Solids (By Weight):	100%	Theoretical
VOC:	0	Theoretical
Shore D Hardness:	50	ASTM D-2240
Modulus of Elasticity:	800 - 1500	ASTM D-638
Tear Strength:	300 - 450 lb/in	ASTM D-624
Taber abrasion, mg wt. loss (1000 g, 1000 revs, H-18):	150 - 250	ASTM D-4060
Application Temperature, °F:	-40° - 300°	
Service Temperature, °F:	-40° - 350°	
Gel Time, seconds:	3 - 7	
Tack Free, seconds:	8 - 12	
Foot Traffic:	60 minutes	

STANDARD COLORS

View our ColorFlex chart at www.versaflex.com. Special colors available upon request.

ORDERING INFORMATION**PRODUCT IS AVAILABLE IN:**

One Hundred Six Gallon Kit: 53 gallons of 'A' side and 53 gallons of 'B' side. Drum containers filled by weight, volume is closely approximated.

SAFETY: Review MSDS at VersaFlex.com

Basic safety for personal protection is:

- Long sleeve overalls or disposable Tyvex overalls
- Rubber gloves
- Splash shield or safety glasses with splash guards
- Rubber or leather boots
- Respirator
- Do not use near high heat or open flame
- Do not take internally
- Keep out of reach of children

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Premium Spray Products to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Premium Spray Products. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY PREMIUM SPRAY PRODUCTS EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

VERSAFLEX® VF 380™ PURE POLYUREA COATING



PRODUCT INFORMATION

PRODUCT TYPE: VersaFlex VF 380 is a 100% solids elastomeric polyurea developed for applications such as geotextile lining membranes.

GENERAL PROPERTIES: VF 380 may be applied to concrete and steel substrates. VF 380 is a volatile free, odorless system applied with 1:1 mix ratio with plural component spray equipment.

RECOMMENDED USES: VersaFlex VF 380 provides less shrinkage with improved elongation characteristics. As a result, VF 380 makes an excellent polyurea for liners, geotextile coatings, and applications where resilience and durability are required. VF 380 may be applied at varying thicknesses in a single application using a multi-pass spray technique.

PRODUCT LIMITATIONS: VF 380 should not be used for direct contact with extremely high or low pH attack. Composite systems are available. Consult VersaFlex.

COVERAGE RATES:

Theoretical square feet per gallon

**Note: 1604 mil inches per gallon. Totally dependent on substrate texture and condition.*

Mils	10	15	50	60	80	100	125
Sq. Ft.	160	107	32	27	20	16	13

MIXING: VF 380 must be spray applied using approved equipment. Use 1:1 ratio pump, with appropriate material heaters as required for individual application.

PREPARATION & INSTALLATION: Please review the Material Processing & Handling Information for preparation and application procedures. Substrate priming is not required on all metals, consult VersaFlex for recommendations. Also, please consult the VersaFlex Spray Gun Configuration Recommendation PDF for specific modules and tips.

CLEAN UP: Cured product may be disposed of without restriction. Excess liquid 'A' & 'B' material should be mixed together and allowed to cure, then disposed of in the normal manner. Product containers that are "drip free" may be disposed of according to local, state and federal laws.

Tensile Strength:	2000 - 2500 psi	ASTM D-638
Elongation:	350 - 390%	ASTM D-638
Perms:	.02	ASTM E-96
Solids (By Volume):	100%	Theoretical
Solids (By Weight):	100%	Theoretical
VOC:	0	Theoretical
Shore A Hardness:	80 - 85	ASTM D-2240
Modulus of Elasticity, psi:	500 - 900	ASTM D-638
Tear Strength:	250 - 300 psi	ASTM D-624
Taber abrasion, mg wt. loss (1000 g, 1000 revs, H-18):	8 - 18	ASTM D-4060
Service Temperature, °F:	-40° - 350°	
Gel Time, seconds:	15 - 25	
Tack Free, seconds:	120 - 180	
Foot Traffic:	60 minutes	

STANDARD COLORS

View our ColorFlex chart at www.versaflex.com. Special colors available upon request.

ORDERING INFORMATION

PRODUCT IS AVAILABLE IN:

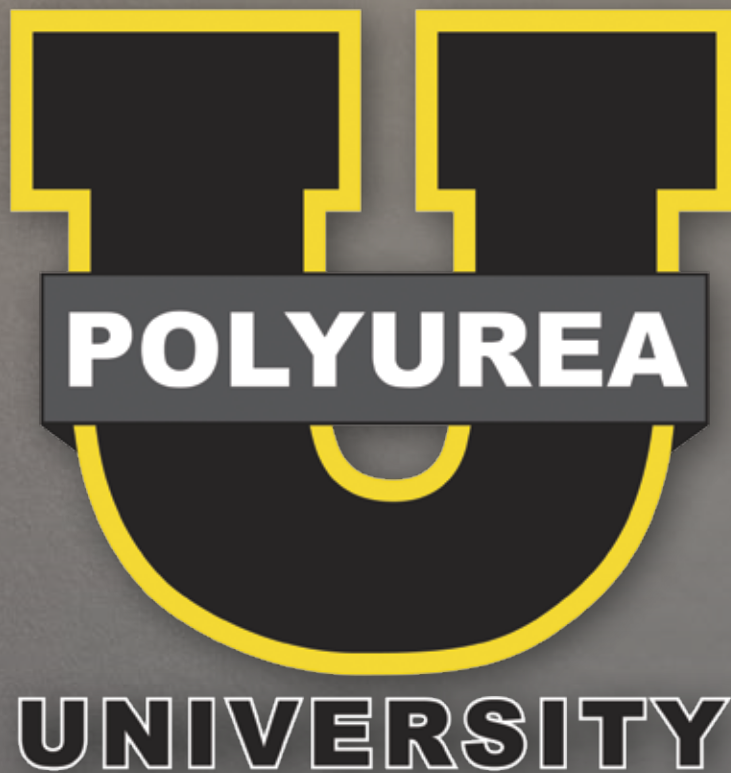
One Hundred Ten Gallon Kit: 55 gallons of 'A' side and 55 gallons of 'B' side. Drum containers filled by weight, volume is closely approximated.

SAFETY: Review MSDS at VersaFlex.com

Basic safety for personal protection is:

- Long sleeve overalls or disposable Tyvek overalls
- Rubber gloves
- Splash shield or safety glasses with splash guards
- Rubber or leather boots
- Respirator
- Do not use near high heat or open flame
- Do not take internally
- Keep out of reach of children

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Premium Spray Products to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Premium Spray Products. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY PREMIUM SPRAY PRODUCTS EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



INSTRUCTORS THAT KNOW THE POLYUREA BUSINESS

Courses are taught by Dudley J. Primeaux, II, PCS, CCI – the foremost expert in the polyurea industry. The informational classwork sessions include handouts containing slide presentations of PowerPoint shows dealing with every aspect of polyurea technology; from the chemistry to the practical application techniques best suited to spray and install polyurea systems.

Polyurea University is committed to training contractors, specifiers, and owners in polyurea technology, application, surface preparation, equipment and more. We offer state of the art information to satisfy the owner and specifier that the installer has the capability to bring the great utility of polyurea into practice.



BASIC MATERIALS



CLASSES OFFERED MULTIPLE TIMES PER YEAR

- Class 1: VersaFlex Products Guide
- Class 2: Fundamentals of Polyurea
- Class 3: Polyurea Spray Applicator (pre-requisite required)
- Class 4: Surface Preparation for the Polyurea Applicator
- Class 5: Project Specifications
- Class 6: Advanced Polyurea Applicator (pre-requisites required)
- Class 7: Polyurea Inspector

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PROTECTIVE COATINGS



*Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethane*

W W W . P R O T E C T I V E C O A T I N G S E Q U I P M E N T . C O M

GAS POWERED SPRAYERS



GMAX 3400

MODEL	Cart Design—Part Number		Hi-Boy—248664 Lo-Boy—248666
SPECIFICATIONS	Maximum Tip Size		.027
	Maximum psi (bar)		3300 (227)
	Maximum gpm (lpm)		0.75 (2.8)
	Engine		120 cc Honda (4.0 HP)
	Electric Start		
	Charging System (Electric Start Only)		N/A
	Weight lbs. (kg)		89 (41) Hi-Boy
	Gun Support (Gas)	1 Gun	0.027
		2 Guns	—
		3 Guns	—
		4 Guns	—
		5 Guns	—
		6 Guns	—
	Gun support (Electric)	1 Gun	—
		2 Guns	—
INCLUDES	Gun		Contractor
	Hose		1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless
	Tip		RAC X 517
	Filter		EasyOut
	Siphon Set		3/4 in ID Nylon — 5 gal (Lo-Boy)
PUMP	Interchangeable Lowers		No
	Type		Endurance Piston QuikChange System
	Intake		QuikAccess
	Rod		Chromex
CONTROL AND DRIVE	Cylinder		Hardened SST
	Packings		V-Max Blue
	Control		Electronic
	Low Paint Indicator		N/A
Premium FEATURES	Drive		N/A
	Hose Reel		N/A
	Digital Readout		N/A
	Storage		N/A



GMAX II 3900

Premium Hi-Boy—258731 Lo-Boy—258736	
Standard Hi-Boy—248684 Lo-Boy—248683	
.036	
3300 (227)	
1.25 (4.7)	
120 cc Honda (4.0 HP)	
N/A	
109 (50) Hi-Boy	
0.036	
0.023	
—	
—	
—	
—	
—	
—	
Contractor	
1/4 in x 50 ft (6.4 mm x 15 m)	
BlueMax II Airless	
RAC X 517	
EasyOut	
3/4 in ID Nylon – 5 gal (Lo-Boy)	
No	
Endurance Piston	
QuikChange System	
QuikAccess	
Chromex	
Hardened SST	
V-Max Blue	
SmartControl	
WatchDog	
Advantage Drive	
QuikReel	
SmartControl Digital	
On-Board Toolbox	



GMAX II 5900	GMAX II 5900 <i>Convertible</i>	GMAX II 7900	GH 130 <i>Convertible</i>
Premium Hi-Boy—258732 Lo-Boy—258737 Standard Hi-Boy—248688 Lo-Boy—248687	Hi-Boy—248691 Hi-Boy with Electric Motor Kit (Non CSA)—248693 Hi-Boy with Electric Motor Kit (CSA)—248694 Lo-Boy—248695 Lo-Boy with Electric Motor Kit (Non CSA)—248697	Premium Hi-Boy—258733 Lo-Boy—258738 Standard Hi-Boy—248701 Lo-Boy—248700 Hi-Boy Roof Rig—248953	Complete—253957 Complete with Electric Motor (Non CSA)—253959 Complete with Electric Motor (CSA)—253980
.043	.043	.048	.037
3300 (227)	3300 (227)	3300 (227)	3300 (227)
1.60 (6.0)	1.60 (6.0)	2.2 (8.3)	1.3 (4.9)
160 cc Honda (5.5 HP)	160 cc Honda (5.5 HP)	200 cc Honda (6.5 HP)	120 cc Honda (4.0 HP)
N/A	N/A	N/A	N/A
139 (64) Hi-Boy	139 (64) Hi-Boy	146 (67) Hi-Boy	150 (68)
0.043	0.043	0.048	0.037
0.029	0.029	0.035	0.023
0.023	0.023	0.027	—
—	—	0.023	—
—	—	—	—
—	—	—	—
—	0.031	—	0.031
—	0.017	—	0.017
Contractor	Contractor	Contractor	Contractor
1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless	1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless	3/8 in x 50 ft (9.5 mm x 15 m) BlueMax II Airless 1/4 in x 3 ft (6.4 mm x .9 mm) BlueMax II Whip Hose	1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless
RAC X 517	RAC X 517	RAC X 517	RAC X 517
EasyOut	EasyOut	EasyOut	EasyOut
1 in ID Nylon – 5 gal (Lo-Boy)	1 in ID Nylon – 5 gal (Lo-Boy)	1 in ID Nylon – 5 gal (Lo-Boy)	1 in ID Nylon – 5 gal
No	No	No	No
Endurance Piston ProConnect System	Endurance Piston ProConnect System	Endurance Piston ProConnect System	Endurance Piston QuikChange System
QuikAccess	QuikAccess	QuikAccess	QuikAccess
Chromex	Chromex	MaxLife	Chromex
Hardened SST	Hardened SST	MaxLife	Hardened SST
V-Max Blue	V-Max Blue	V-Max Blue	V-Max Blue
SmartControl	SmartControl	SmartControl	Hydraulic
WatchDog	WatchDog	WatchDog	Hydraulic
Advantage Drive	Advantage Drive	Advantage Drive	Hydraulic
QuikReel	N/A	QuikReel	N/A
SmartControl Digital	N/A	SmartControl Digital	N/A
On-Board Toolbox	N/A	On-Board Toolbox	N/A

GAS POWERED SPRAYERS


GH 200 Convertible
GH 230 Convertible

MODEL	Cart Design—Part Number		Complete—253962 Complete with Electric Motor (Non CSA)—253963 Complete with Electric Motor (CSA)—253981	Complete—253965 Complete with Electric Motor (Non CSA)—253966 Complete with Electric Motor (CSA)—253982
SPECIFICATIONS	Maximum Tip Size		.047	.053
	Maximum psi (bar)		3300 (227)	3300 (227)
	Maximum gpm (lpm)		2.15 (8.1)	2.35 (8.9)
	Engine		160 cc Honda (5.5 HP)	200 cc Honda (6.5 HP)
	Electric Start			
	Charging System (Electric Start Only)		N/A	N/A
	Weight lbs. (kg)		160 (72)	168 (76)
	Gun Support (Gas)	1 Gun	0.047	0.053
		2 Guns	0.034	0.038
		3 Guns	0.027	0.032
		4 Guns	0.023	0.028
		5 Guns	—	0.024
		6 Guns	—	—
	Gun support (Electric)	1 Gun	0.031	0.031
		2 Guns	0.017	0.017
INCLUDES	Gun		Contractor	Silver Plus
	Hose		1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless	3/8 in x 50 ft (9.5 mm x 15 m) BlueMax II Airless 1/4 in x 3 ft (6.4 mm x 9 mm) BlueMax II Whip Hose
	Tip		RAC X 517	RAC X 517
	Filter		EasyOut	EasyOut
	Siphon Set		1 in ID Nylon – 5 gal	1 in ID Nylon – 5 gal
PUMP	Interchangeable Lowers		No	No
	Type		Endurance Piston ProConnect System	Endurance Piston ProConnect System
	Intake		QuikAccess	QuikAccess
	Rod		MaxLife	MaxLife
	Cylinder		MaxLife	MaxLife
CONTROL AND DRIVE	Packings		V-Max Blue	V-Max Blue
	Control		Hydraulic	Hydraulic
	Low Paint Indicator		Hydraulic	Hydraulic
	Drive		Hydraulic	Hydraulic
Premium FEATURES	Hose Reel		N/A	N/A
	Digital Readout		N/A	N/A
	Storage		N/A	N/A



GH 300

Complete—253868

.057
3300 (227)
3.0 (11.4)
270 cc Honda (9.0 HP)

N/A

195 (88)
0.057
0.039
0.033
0.029
0.025
—

—
—
Silver Plus
3/8 in x 50 ft (9.5 mm x 15 m)
BlueMax II Airless
1/4 in x 3 ft (6.4 mm x 9 mm)
BlueMax II Whip Hose
RAC X 517

EasyOut
1 in ID Nylon – 5 gal

No
Endurance Piston
ProConnect System
QuikAccess
MaxLife
MaxLife
V-Max Blue
Hydraulic
Hydraulic
Hydraulic

N/A
N/A
N/A



GH 833

Bare—249318
Complete—249617
GH 833 OEM—249767
GH 833 Direct Immersion
Kit—287843

.065
4000 (276)
4.0 (15.1)
390 cc Honda (13.0 HP)

Available
18 Amp

0.065
0.046
0.037
0.032
0.029
0.026
—
—
—

Silver Plus
3/8 in x 50 ft (9.5 mm x 15 m)
BlueMax II Airless
1/4 in x 6 ft (6.4 mm x 1.8 mm)
BlueMax II Whip Hose
RAC X 517, RAC X 655

EasyOut
1.5 in ID PVC – 55 gal

No
Endurance Piston
QuikChange System
QuikAccess
MaxLife
MaxLife
V-Max Blue
Hydraulic
Hydraulic
Hydraulic

N/A
N/A
N/A



GH 933

Bare—16U281
Complete—16U282
Bare Electric Start—16U285
Complete Electric
Start—16U286

.053
7250 (500)
2.5 (9.5)
390 cc Honda (13.0 HP)

Available
18 Amp

0.053
0.038
0.032
0.028
0.024
—
—
—

XTR-7 Airless/XTR704
3/8 in x 50 ft (9.5 mm x 15 m)
Xtreme-Duty Airless
1/4 in x 6 ft (6.4 mm x 1.8 m)
Xtreme-Duty Airless Whip Hose
XHD RAC 519

Yes
1.0 in ID Nylon – 55 gal

Yes
Xtreme Piston
QuikChange System
QuikAccess
Chromex
Hard Chrome
XtremeSeal/Leather
Hydraulic
Hydraulic
Hydraulic

N/A
N/A
N/A



IRONMAN 500G

256790

.043
3300 (227)
1.60 (6.0)
200 cc Honda (6.5 HP)

N/A

168 (76)
0.043
0.029
0.023
—
—
—

—
—
Silver Plus
3/8 in x 50 ft (9.5 mm x 15 m)
BlueMax II Airless
1/4 in x 50 ft (6.4 mm x 15 m)
BlueMax II Airless
RAC X 517, RAC X 527,
RAC X Wide RAC 1231

EasyOut
N/A

No
Endurance Piston
QuikChange System
QuikAccess
Chromex
MaxLife
V-Max Blue
IronMan
WatchDog
Advantage Drive

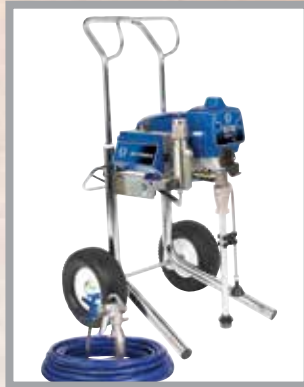
Flat-Proof Tires
Heavy-Duty Prime Valve
Control Lock Theft Deterrent

IRONMAN
FEATURES

ELECTRIC POWERED SPRAYERS



		390	Ultra 395
MODEL	Cart Design—Part Number	Stand—253958 Hi-Boy—262019	Stand—233960 Hi-Boy—233962 Lo-Boy—233961
SPECIFICATIONS	Maximum Tip Size	0.021	0.023
	Maximum psi (bar)	3300 (227)	3300 (227)
	Maximum gpm (lpm)	0.47 (1.8)	0.54 (2.0)
	Motor hp	5/8 DC	7/8 TEFC DC
	Weight lb (kg)	30 (14) Stand	42 (19) Stand
	Gun Support		
	1 Gun	0.021	0.023
	2 Guns	—	—
	3 Guns	—	—
INCLUDES	Gun	FTx	Contractor
	Hose	1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless	1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless
	Tip	RAC X 515	RAC X 517
	Filter	60 Mesh Easy Out	60 Mesh Easy Out
PUMP	Type	QuikChange System	QuikChange System
	Intake	QuikAccess	QuikAccess
	Rod	Chromex	Chromex
	Cylinder	Hardened SST	Hardened SST
	Packings	V-Max Blue	V-Max Blue
CONTROL AND DRIVE	Control	Electronic	SmartControl 1.0
	Drive	Advantage Drive	Advantage Drive
	Motor	DC	TEFC DC
Premium FEATURES			



Ultra Max II 490	Ultra Max II 495	Ultra Max II 595
Stand—249911 Hi-Boy—249914 Lo-Boy—249913	Stand—249915 Hi-Boy—249917 Lo-Boy—249916	Hi-Boy—249919 Lo-Boy—249918
0.023	0.025	0.027
3300 (227)	3300 (227)	3300 (227)
0.54 (2.0)	0.60 (2.3)	0.70 (2.6)
1.0 Brushless DC	1.2 Brushless DC	1.4 Brushless DC
34 (15) Stand	34 (15) Stand	72 (33) Hi-Boy
0.023	0.025	0.027
—	—	—
—	—	—
Contractor	Contractor	Contractor
1/4 in x 50 ft (6.4 mm x 15 m)	1/4 in x 50 ft (6.4 mm x 15 m)	1/4 in x 50 ft (6.4 mm x 15 m)
BlueMax II Airless	BlueMax II Airless	BlueMax II Airless
RAC X 517	RAC X 517	RAC X 517
60 Mesh Easy Out	60 Mesh Easy Out	60 Mesh Easy Out
QuikChange System	QuikChange System	QuikChange System
QuikAccess	QuikAccess	QuikAccess
Chromex	Chromex	Chromex
Hardened SST	Hardened SST	Hardened SST
V-Max Blue	V-Max Blue	V-Max Blue
SmartControl 2.0	SmartControl 2.0	SmartControl 2.0
Advantage Drive	Advantage Drive	Advantage Drive
MaxPower	MaxPower	MaxPower

ELECTRIC POWERED SPRAYERS



Ultra Max II 695

Ultra Max II 795

MODEL	Cart Design—Part Number	Premium Hi-Boy—258719 Standard Hi-Boy—258720 Lo-Boy—258722	Premium Hi-Boy—258723 Standard Hi-Boy—258724
SPECIFICATIONS	Maximum Tip Size	0.031	0.033
	Maximum psi (bar)	3300 (227)	3300 (227)
	Maximum gpm (lpm)	0.95 (3.6)	1.10 (4.1)
	Motor hp	2.0 Brushless DC	2.2 Brushless DC
	Weight lb (kg)	93 (42) Standard Hi-Boy	98 (44) Standard Hi-Boy
	Gun Support		
	1 Gun	0.031	0.033
2 Guns	0.023	0.025	
3 Guns	—	0.019	
INCLUDES	Gun	Contractor	Contractor
	Hose	1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless	1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless
	Tip	RAC X 517	RAC X 517
	Filter	60 Mesh Easy Out	60 Mesh Easy Out
PUMP	Type	QuikChange System	QuikChange System
	Intake	QuikAccess	QuikAccess
	Rod	Chromex	Chromex
	Cylinder	Hardened SST	Hardened SST
	Packings	V-Max Blue	V-Max Blue
CONTROL AND DRIVE	Control	SmartControl 2.0	SmartControl 2.0
	Drive	Advantage Drive	Advantage Drive
	Motor	MaxPower	MaxPower
Premium FEATURES		300 ft QuikReel	300 ft QuikReel
		FastFlush	FastFlush
		SmartControl 2.0 Digital	SmartControl 2.0 Digital
		WatchDog	WatchDog
		On-Board Toolbox	On-Board Toolbox



Ultra Max II 1095

Premium
Hi-Boy—258727
Standard
Hi-Boy—258728

Ultra Max II 1595

Premium
Hi-Boy—258763
Hi-Boy (Canada)—258765
Standard
Hi-Boy—258764
Hi-Boy (Canada)—258766

IronMan 300E

256655

0.035

3300 (227)

1.20 (4.5)

2.4 Brushless DC

120 (55) Standard Hi-Boy

0.035

0.027

0.021

Contractor

1/4 in x 50 ft

(6.4 mm x 15 m)

BlueMax II Airless

RAC X 517

60 Mesh Easy Out

ProConnect System

QuikAccess

Chromex

Hardened SST

V-Max Blue

SmartControl 2.0

Advantage Drive

MaxPower

300 ft QuikReel

FastFlush

SmartControl 2.0 Digital

WatchDog

On-Board Toolbox

0.039

3300 (227)

1.35 (5.1)

2.8 Brushless DC

125 (56) Standard Hi-Boy

0.039

0.029

0.023

Contractor

1/4 in x 50 ft

(6.4 mm x 15 m)

BlueMax II Airless

RAC X 517

60 Mesh Easy Out

ProConnect System

QuikAccess

Chromex

Hardened SST

V-Max Blue

SmartControl 2.0

Advantage Drive

MaxPower

300 ft QuikReel

FastFlush

SmartControl 2.0 Digital

WatchDog

On-Board Toolbox

0.031

3300 (227)

1.20 (4.5)

2.2 Brushless DC

140 (63)

0.031

0.023

—

Contractor

3/8 in x 50 ft (9.5 mm x 15 m)

& 1/4 in x 50 ft (6.4 mm x 15 m)

BlueMax II Airless

RAC X 517, RAC X 527,

RAC X Wide RAC 1231

60 Mesh Easy Out

QuikChange System

QuikAccess

Chromex

MaxLife

V-Max Blue

IronMan

Advantage Drive

Extreme-Duty MaxPower

Flat-Proof Tires

Heavy-Duty Prime Valve

Crush-Proof Intake Screen

Control Lock Theft Deterrent

Heavy-Duty Drive

Extended Performance

IRONMAN FEATURES

GRACO® XTREME® AIRLESS SPRAYER ACCESSORIES

XTREME AIRLESS SPRAYERS

XTREME SPRAYER SPECIFICATIONS					X25	X30	X35	X40	X45	X46	X50
Output per cycle					290cc	220cc	115cc	180cc	290cc	145cc	250cc
Motor Size					NXT 3400	NXT 3400	NXT 2200	NXT 3400	NXT 6500	NXT 3400	NXT 6500
Maximum Working Pressure psi (bar, MPa)					2375 (164, 16.4)	3150 (217, 21.7)	3800 (262, 26.2)	3800 (262, 26.2)	4550 (313, 31.3)	4750 (327, 32.7)	5200 (359, 35.9)
Maximum Air Input Pressure psi (bar, MPa)					100 (7, 0.7)	100 (7, 0.7)	100 (7, 0.7)	100 (7, 0.7)	100 (7, 0.7)	100 (7, 0.7)	100 (7, 0.7)
Maximum Free Flow Output gpm (lpm)					13.8 (52.2)	10.0 (38)	6.0 (22.7)	8.5 (32)	13.8 (52.2)	7.5 (28)	11.3 (43)
Output at 60 CPM gpm (lpm)					4.6 (17)	3.4 (12.9)	2.0 (7.6)	2.9 (11)	4.6 (17)	2.3 (8.7)	4.0 (15.2)

SPRAYERS		MOTOR TYPE	MOUNT TYPE	DATATRAK INCLUDED	PACKAGE	X25	X30	X35	X40	X45	X46	X50
SPRAYERS	COMPLETE	D	H	YES	C	X25DH1	X30DH1	X35DH1	X40DH1	X45DH1	X46DH1	X50DH1
		D	H	NO	C	X25DH3	X30DH3	X35DH3	X40DH3	X45DH3	X46DH3	X50DH3
		D	L	YES	C	X25DL1	X30DL1	X35DL1	X40DL1	X45DL1	X46DL1	X50DL1
		D	L	NO	C	X25DL3	X30DL3	X35DL3	X40DL3	X45DL3	X46DL3	X50DL3
		L	H	YES	C					X45LH1		X50LH1
		L	H	NO	C					X45LH3		X50LH3
		L	L	YES	C					X45LL1		X50LL1
		L	L	NO	C					X45LL3		X50LL3
	BARE	D	H	YES	B	X25DH2	X30DH2	X35DH2	X40DH2	X45DH2	X46DH2	X50DH2
		D	H	NO	B	X25DH4	X30DH4	X35DH4	X40DH4	X45DH4	X46DH4	X50DH4
		D	L	YES	B	X25DL2	X30DL2	X35DL2	X40DL2	X45DL2	X46DL2	X50DL2
		D	L	NO	B	X25DL4	X30DL4	X35DL4	X40DL4	X45DL4	X46DL4	X50DL4
		L	H	YES	B					X45LH2		X50LH2
		L	H	NO	B					X45LH4		X50LH4
		L	L	YES	B					X45LL2		X50LL2
		L	L	NO	B					X45LL4		X50LL4
	WITH HOPPER	D	H	YES	C	X25DH5	X30DH5	X35DH5	X40DH5	X45DH5	X46DH5	X50DH5
		D	H	NO	C	X25DH6	X30DH6	X35DH6	X40DH6	X45DH6	X46DH6	X50DH6
		D	L	YES	C	X25DL5	X30DL5	X35DL5	X40DL5	X45DL5	X46DL5	X50DL5
		D	L	NO	C	X25DL6	X30DL6	X35DL6	X40DL6	X45DL6	X46DL6	X50DL6
		L	H	YES	C					X45LH5		X50LH5
		L	H	NO	C					X45LH6		X50LH6
		L	L	YES	C					X45LL5		X50LL5
		L	L	NO	C					X45LL6		X50LL6
	WALL-MOUNT	D	W	YES	B	X25DW2	X30DW2	X35DW2	X40DW2	X45DW2	X46DW2	X50DW2
		D	W	NO	B	X25DW4	X30DW4	X35DW4	X40DW4	X45DW4	X46DW4	X50DW4
		L	W	YES	B					X45LW2		X50LW2
		L	W	NO	B					X45LW4		X50LW4

PUMPS		MOTOR TYPE	BUILT-IN FILTER	DATATRAK INCLUDED	AIR CONTROLS	X25	X30	X35	X40	X45	X46	X50
PUMPS	BARE	D	YES	NO	NO	NA	P30DC2	P35DC2	P40DC2	P45DC2	P46DC2	P50DC2
		D	YES	NO	YES	NA	P30DC4	P35DC4	P40DC4	P45DC4	P46DC4	P50DC4
		D	YES	YES	NO	NA	P30EC2	P35EC2	P40EC2	P45EC2	P46EC2	P50EC2
		D	YES	YES	YES	NA	P30EC4	P35EC4	P40EC4	P45EC4	P46EC4	P50EC4
		D	NO	NO	NO	NA	P30DC1	P35DC1	P40DC1	P45DC1	P46DC1	P50DC1
		D	NO	NO	YES	NA	P30DC3	P35DC3	P40DC3	P45DC3	P46DC3	P50DC3
		D	NO	YES	NO	NA	P30EC1	P35EC1	P40EC1	P45EC1	P46EC1	P50EC1
		D	NO	YES	YES	NA	P30EC3	P35EC3	P40EC3	P45EC3	P46EC3	P50EC3
		L	YES	NO	NO	NA	P30LC2	P35LC2	P40LC2	P45LC2	P46LC2	P50LC2
		L	YES	NO	YES	NA	P30LC4	P35LC4	P40LC4	P45LC4	P46LC4	P50LC4
		L	YES	YES	NO	NA	P30MC2	P35MC2	P40MC2	P45MC2	P46MC2	P50MC2
		L	YES	YES	YES	NA	P30MC4	P35MC4	P40MC4	P45MC4	P46MC4	P50MC4
		L	NO	NO	NO	NA	P30LC1	P35LC1	P40LC1	P45LC1	P46LC1	P50LC1
		L	NO	NO	YES	NA	P30LC3	P35LC3	P40LC3	P45LC3	P46LC3	P50LC3
		L	NO	YES	NO	NA	P30MC1	P35MC1	P40MC1	P45MC1	P46MC1	P50MC1
		L	NO	YES	YES	NA	P30MC3	P35MC3	P40MC3	P45MC3	P46MC3	P50MC3

LEGEND: Motor Type: D=De-Ice, L=Low-Noise Mount Type: H=Heavy-Duty Cart, L=Lightweight Cart, W=Wall Mount
Package: C=Complete Hose & Gun, B=Bare

X55	X60	X70	X80	X90
115cc	220cc	180cc	85cc	145cc
NXT 3400	NXT 6500	NXT 6500	NXT 3400	NXT 6500
5950 (410, 41.0)	6000 (417, 41.7)	7250 (500, 50.0)	7250 (500, 50.0)	7250 (500, 50.0)
100 (7, 0.7)	100 (7, 0.7)	100 (7, 0.7)	100 (7, 0.7)	80 (5.5, .55)
6.0 (22.7)	10.0 (38)	8.5 (32)	4.5 (17)	7.5 (28)
2.0 (7.6)	3.4 (12.9)	2.9 (11)	1.5 (5.7)	2.3 (8.7)

X55	X60	X70	X80	X90
X55DH1	X60DH1	X70DH1	X80DH1	X90DH1
X55DH3	X60DH3	X70DH3	X80DH3	X90DH3
X55DL1	X60DL1	X70DL1	X80DL1	X90DL1
X55DL3	X60DL3	X70DL3	X80DL3	X90DL3
	X60LH1	X70LH1		X90LH1
	X60LH3	X70LH3		X90LH3
	X60LL1	X70LL1		X90LL1
	X60LL3	X70LL3		X90LL3
X55DH2	X60DH2	X70DH2	X80DH2	X90DH2
X55DH4	X60DH4	X70DH4	X80DH4	X90DH4
X55DL2	X60DL2	X70DL2	X80DL2	X90DL2
X55DL4	X60DL4	X70DL4	X80DL4	X90DL4
	X60LH2	X70LH2		X90LH2
	X60LH4	X70LH4		X90LH4
	X60LL2	X70LL2		X90LL2
	X60LL4	X70LL4		X90LL4
X55DH5	X60DH5	X70DH5	X80DH5	X90DH5
X55DH6	X60DH6	X70DH6	X80DH6	X90DH6
X55DL5	X60DL5	X70DL5	X80DL5	X90DL5
X55DL6	X60DL6	X70DL6	X80DL6	X90DL6
	X60LH5	X70LH5		X90LH5
	X60LH6	X70LH6		X90LH6
	X60LL5	X70LL5		X90LL5
	X60LL6	X70LL6		X90LL6
X55DW2	X60DW2	X70DW2	X80DW2	X90DW2
X55DW4	X60DW4	X70DW4	X80DW4	X90DW4
	X60LW2	X70LW2		X90LW2
	X60LW4	X70LW4		X90LW4

X55	X60	X70	X80	X90
P55DC2	P60DC2	P70DC2	P80DC2	P90DC2
P55DC4	P60DC4	P70DC4	P80DC4	P90DC4
P55EC2	P60EC2	P70EC2	P80EC2	P90EC2
P55EC4	P60EC4	P70EC4	P80EC4	P90EC4
P55DC1	P60DC1	P70DC1	P80DC1	P90DC1
P55DC3	P60DC3	P70DC3	P80DC3	P90DC3
P55EC1	P60EC1	P70EC1	P80EC1	P90EC1
P55EC3	P60EC3	P70EC3	P80EC3	P90EC3
P55LC2	P60LC2	P70LC2	P80LC2	P90LC2
P55LC4	P60LC4	P70LC4	P80LC4	P90LC4
P55MC2	P60MC2	P70MC2	P80MC2	P90MC2
P55MC4	P60MC4	P70MC4	P80MC4	P90MC4
P55LC1	P60LC1	P70LC1	P80LC1	P90LC1
P55LC3	P60LC3	P70LC3	P80LC3	P90LC3
P55MC1	P60MC1	P70MC1	P80MC1	P90MC1
P55MC3	P60MC3	P70MC3	P80MC3	P90MC3



PACKAGES

X X X X X

Product Identifier:
X=Xtreme Sprayer

Package Ratio:

25: 3400cc motor/290cc lower 50: 6500cc motor/250cc lower
30: 3400cc motor/220cc lower 55: 3400cc motor/115cc lower
35: 2200cc motor/115cc lower 60: 6500cc motor/220cc lower
40: 3400cc motor/180cc lower 70: 6500cc motor/180cc lower
45: 6500cc motor/290cc lower 80: 3400cc motor / 85cc lower
46: 3400cc motor/145cc lower 90: 6500cc motor/145cc lower

Motor Type:
D: De-icing L: Low noise

Mount Type:
H: Heavy-duty cart L: Lightweight cart W: Wall-mount

Example:
X46DH2 is a 46-1,
De-Ice, heavy-duty,
bare package with
DataTrak

Package/DataTrak:

1: Complete package with DataTrak 5: Complete hopper package with DataTrak
2: Bare package with DataTrak 6: Complete package, no DataTrak
3: Complete package, no DataTrak 7: Complete package, no DataTrak,
4: Bare package, no DataTrak no built-in fluid filter*

Notes: Packages sold with XSeal_LTH packings only. Packages sold with built-in filter only. Complete packages sold with XTR™ gun, 50 ft x 3/8 hose and 6 ft x 1/4 whip hose. Wall-mount packages are only available bare, but include 10 ft suction hose with 55 gal suction tube.

** Only available on X45, X60 or X70 De-ice, heavy-duty or lightweight cart packages.*

PUMPS

P X X X C X

Product Identifier
P=Xtreme Pump

Pump Ratio:

25: 3400cc motor/290cc lower 50: 6500cc motor/250cc lower
30: 3400cc motor/220cc lower 55: 3400cc motor/115cc lower
35: 2200cc motor/115cc lower 60: 6500cc motor/220cc lower
40: 3400cc motor/180cc lower 70: 6500cc motor/180cc lower
45: 6500cc motor/290cc lower 80: 3400cc motor / 85cc lower
46: 3400cc motor/145cc lower 90: 6500cc motor/145cc lower

Motor/DataTrak™:
D: De-icing: None L: Low noise: None
E: De-icing: DataTrak M: Low noise: DataTrak

Lower Material:
C: Carbon steel

Filter/Air Controls:

1: No built-in filter, no air controls 3: No built-in filter, air controls
2: Built-in filter, no air controls 4: Built-in filter, air controls

Example:
P70DC2 is a 70-1
De-Ice, with built-in
filter and no air control

Note: Pumps sold with XSeal_LTH packings only.



NXT PACKAGE CONFIGURATIONS

287978	40:1 with External Filter Wall Mount Package with Low Noise NXT Air Motor with DataTrak	287981	32:1 Dura-Flo Sprayer Package (Silver Spray Gun and Hoses) with De-Icing NXT Air Motor
287975	30:1 Heavy-Duty Cart AA Package (G40 Spray Gun and Hoses) with De-Icing NXT Air Motor with DataTrak	XN3DH2	NXT 3400 De-Icing with DataTrak on a Bare Heavy Duty-Cart *
287976	40:1 Heavy-Duty Cart AA Package (G40 Spray Gun and Hoses) with De-Icing NXT Air Motor with DataTrak	XN3DH4	NXT 3400 De-Icing on a Bare Heavy-Duty Cart *
287971	25:1 Heavy-Duty Cart Zinc Package, no hose or gun, with De-Icing NXT Air Motor	XN3DL2	NXT 3400 De-Icing with DataTrak on a Bare Lightweight Cart *
287972	40:1 Heavy-Duty Cart Zinc Package, no hose or gun, with De-Icing NXT Air Motor	XN3DL4	NXT 3400 De-Icing on a Bare Lightweight Cart *
287973	25:1 Heavy-Duty Cart Zinc Package (Silver Spray Gun and Hoses) with De-Icing NXT Air Motor	XN6DH2	NXT 6500 De-Icing with DataTrak on a Bare Heavy-Duty Cart *
287974	40:1 Heavy-Duty Cart Zinc Package (Silver Spray Gun and Hoses) with De-Icing NXT Air Motor	XN6DH4	NXT 6500 De-Icing on a Bare Heavy-Duty Cart *
287980	23:1 Dura-Flo Sprayer Package (Silver Spray Gun and Hoses) with De-Icing NXT Air Motor with DataTrak	XN6DL2	NXT 6500 De-Icing with DataTrak on a Bare Lightweight Cart *
287979	23:1 Dura-Flo Sprayer Bare with De-Icing NXT Air Motor	XN6DL4	NXT 6500 De-Icing on a Bare Lightweight Cart *
		247312	Cart adapter for NXT2200 Air Motor
		287919	Lightweight base cart
		287884	Heavy-duty base cart

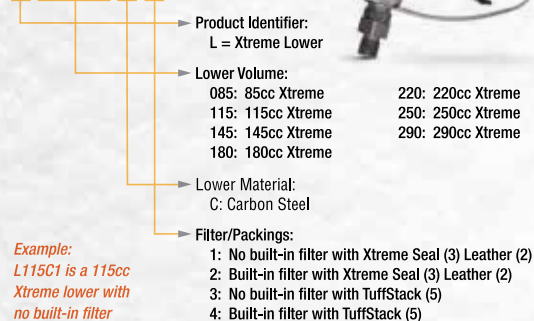
* Add any Xtreme Lower (Sizes 145cc-290cc) to make a Package. Includes tie rods, coupling kit and a suction hose.

XTREME LOWERS

Part #	Output per cycle (cc)	Packing	Filter	Rod	Cylinder	Rebuild Kits*
L085C1	85	Xseal_LTH	None	24B819	15F682	24F973
L085C2	85	Xseal_LTH	Built-In	24B819	15F682	24F973
L085C3	85	Tuff-Stack (5)	None	24B819	15F682	262507
L085C4	85	Tuff-Stack (5)	Built-In	24B819	15F682	262507
L115C1	115	Xseal_LTH	None	24B820	15F656	24F972
L115C2	115	Xseal_LTH	Built-In	24B820	15F656	24F972
L115C3	115	Tuff-Stack (5)	None	24B820	15F656	262508
L115C4	115	Tuff-Stack (5)	Built-In	24B820	15F656	262508
L145C1	145	Xseal_LTH	None	24B821	197315	24F971
L145C2	145	Xseal_LTH	Built-In	24B821	197315	24F971
L145C3	145	Tuff-Stack (5)	None	24B821	197315	262510
L145C4	145	Tuff-Stack (5)	Built-In	24B821	197315	262510
L180C1	180	Xseal_LTH	None	24B822	197316	24F969
L180C2	180	Xseal_LTH	Built-In	24B822	197316	24F969
L180C3	180	Tuff-Stack (5)	None	24B822	197316	24F970
L180C4	180	Tuff-Stack (5)	Built-In	24B822	197316	24F970
L220C1	220	Xseal_LTH	None	24B823	197317	24F967
L220C2	220	Xseal_LTH	Built-In	24B823	197317	24F967
L220C3	220	Tuff-Stack (5)	None	24B823	197317	24F968
L220C4	220	Tuff-Stack (5)	Built-In	24B823	197317	24F968
L250C1	250	Xseal_LTH	None	24B824	197318	24F965
L250C2	250	Xseal_LTH	Built-In	24B824	197318	24F965
L250C3	250	Tuff-Stack (5)	None	24B824	197318	24F966
L250C4	250	Tuff-Stack (5)	Built-In	24B824	197318	24F966
L290C1	290	Xseal_LTH	None	24B825	197319	24F963
L290C2	290	Xseal_LTH	Built-In	24B825	197319	24F963
L290C3	290	Tuff-Stack (5)	None	24B825	197319	24F964
L290C4	290	Tuff-Stack (5)	Built-In	24B825	197319	24F964
244849	Connection Kit. Includes tie rods and coupler to adapt Xtreme lower to King, Senator® or Bulldog® motors					

* Includes seals for both old and new series filter caps.

L X X X C X



Replacement Screen Filter Elements

2-Pack	25-Pack	Description
236495	238444	30 Mesh (595 micron), 85cc, 115cc
236496	238446	60 Mesh (250 micron), 85cc, 115cc
236497	238448	100 Mesh (149 micron), 85cc, 115cc
224458	238436	30 Mesh (595 micron), 145cc, 180cc, 220cc, 250cc, 290cc
224459	238438	60 Mesh (250 micron), 145cc, 180cc, 220cc, 250cc, 290cc
224468	238440	100 Mesh (149 micron), 145cc, 180cc, 220cc, 250cc, 290cc

Filter Support

186075	Poly filter support
179801	Carbon steel filter support

Series B Filter Cap Conversion Kits

24F975	(1455-290cc lowers) see manual 406882
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New X-Tuff™ Repair Kits

262789	X-Tuff Repair Kit, 85 cc lowers
262790	X-Tuff Repair Kit, 115 cc lowers
262791	X-Tuff Repair Kit, 145 cc lowers
262792	X-Tuff Repair Kit, 180 cc lowers
262793	X-Tuff Repair Kit, 220 cc lowers
262790	X-Tuff Repair Kit, 250 cc lowers
262795	X-Tuff Repair Kit, 290 cc lowers

Xtreme Seal™ (UHMWPE/LTH).
Good for abrasive materials.
Standard in new Xtreme Sprayers.

Tuff-Stack™ (PTFE). Ideal for chemical resistance and higher temperatures.
Not ideal for abrasive applications.

X-Tuff™ (UHMWPE/PTFE).
Good for chemical resistance and durability in applications below 140°F (60°C)

AIRLESS GUNS

XTR-5 Airless Spray Gun

Maximum working pressure: 5000 psi (345 bar, 34.5 MPa)

- XTR500** One inch round handle, four-finger trigger, no tip
- XTR501** One inch round handle, four-finger trigger, 519 flat tip
- XTR502** Oval-insulated handle, four-finger trigger, 519 XHD RAC tip
- XTR503** Oval-insulated handle, two-finger trigger, 519 XHD RAC tip
- XTR504** One inch round handle, four-finger trigger, 519 XHD RAC tip
- XTR505** One inch round handle, two-finger trigger, 519 XHD RAC tip

XTR-7 Airless Spray Gun

Maximum working pressure: 7250 psi (500 bar, 50.0 MPa)

- XTR700** Round handle, four-finger trigger, no tip
- XTR701** Round handle, four-finger trigger, 519 flat tip
- XTR702** Oval-insulated handle, four-finger trigger, 519 XHD RAC tip
- XTR703** Oval-insulated handle, two-finger trigger, 519 XHD RAC tip
- XTR704** Round handle, four-finger trigger, 519 XHD RAC tip
- XTR705** Round handle, two-finger trigger, 519 XHD RAC tip

XHF Airless Spray Gun

Maximum working pressure:

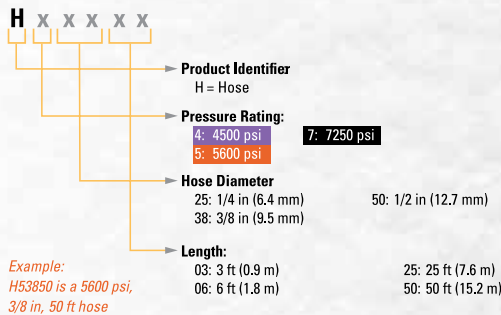
- 7250 psi (500 bar, 50.0 MPa)**
- 262854** XHF Gun, includes XHD 429 tip (see brochure 348891)
- 248834** XHF Gun Swivel

GUN ACCESSORIES

Accessories

- 287450** Two-finger Trigger Kit
- 287449** Four-finger Round Trigger Kit
- 287451** Four-finger Oval Insulation Trigger Kit
- 246294** 10 in (254 mm) Gun Extension, 7250 psi (500 bar, 50 MPa)
- 246295** 15 in (380 mm) Gun Extension, 7250 psi (500 bar, 50 MPa)
- 246296** 18 in (457 mm) Gun Extension, 7250 psi (500 bar, 50 MPa)
- 262826** Gun splitter, 7250 psi (500 bar, 50 MPa)
- 246297** 180° spray nozzle, 7/8-14 UNC-2B, 7250 psi (500 bar, 50 MPa)
- 248837** Gun Repair Kit, Includes Gasket, Needle and Seat
- 287032** Filter, 60 Mesh
- 287033** Filter, 100 Mesh
- 287034** Filter, 60 and 100 Mesh Combination

XTREME-DUTY HIGH-PRESSURE HOSES



4500 psi 5600 psi 7250 psi

Choose the Right Hose for the Job

- Working pressure 4500 psi (310 bar), 5600 psi (386 bar), or 7250 psi (500 bar)
- Temperature rating (all sizes) -40° to 180°F (-40° to 82°C)
- Chemical resistance... Hose cover resistant to a wide variety of solvents, acids and bases
- Weather resistance Hose cover has outstanding resistance to oxygen, ozone, sunlight and general weather conditions
- Electrical properties Conductive hose

New 3/4 - Inch Hoses

- H67550** 3/4 in x 50 ft (15.2 m), 6500 psi, (448 bar, 44.8 MPa)
- H77550** 3/4 in x 50 ft (15.2 m), 7250 psi, (500 bar, 50.0 MPa)

XHD™ RAC® SwitchTip

ORIFICE SIZE - INCHES																																				
	IN (MM)	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.047	.049	.051	.053	.055	.057	.059	.061	.063	.065	.067	.069	.071	.075	.081
FAN WIDTH	2-4 (51-102)	107	109	111	113	115	117	119	121									139																		
	4-6 (102-152)		209	211	213	215	217	219	221									239																		
	6-8 (152-203)	307	309	311	313	315	317	319	321	323	325	327	329	331	333	335	337	339	341	343	345	347														
	8-10 (203-254)		409	411	413	415	417	419	421	423	425	427	429	431	433	435	437	439	441	443	445	447	449	451												
	10-12 (254-305)		509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	543	545	547	549	551	553											
	12-14 (305-356)		609	611	613	615	617	619	621	623	625	627	629	631	633	635	637	639	641	643	645	647	649	651												
	14-16 (356-406)			711	713	715	717	719	721	723	725	727	729	731	733	735	737	739	741	743																
	16-18 (406-457)				813	815	817	819	821	823	825	827	829	831	833	835	837	839	841	843																
	18-20 (457-508)																																			
Flow Rate (gpm)		.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.74	.90	1.03	1.17	1.31	1.47	1.63	1.8	1.98	2.17	2.37	2.58	2.79	4.26	3.25	3.49	3.74	4.0	4.26	4.53	4.82	5.11	5.41	6.04	7.04
Flow Rate (lpm)		.20	.33	.49	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	5.56	6.18	6.83	7.51	8.23	8.98	9.76	10.57	16.13	12.29	13.20	14.14	15.12	16.13	17.17	18.24	19.34	20.48	22.85	26.66

Water @ 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow rate

Example: for a tip with a .039 in orifice and a 10-in (254 mm) pattern, order XHD539

GracoXHD Guard

- XHD001** For pressures up to 7250 psi (500 bar, 50.0 MPa)
- XHD005** For pressures up to 7250 psi (500 bar, 50.0 MPa); for guns with 11/16 in thread

XHD Tips

- XHD___** Use numbers in table above to complete the part number
- XHD003** XHD RAC housing, SST - wrench-tight for extended life

XTREME NXT SPRAY ACCESSORIES

- | Part # | Description | Part # | Description |
|---------------|--|---------------|---|
| 288347 | Hopper Feed Kit | NXT100 | Replacement Poppet Valve Kit |
| 255143 | Wall-Mount Bracket | 181072 | Round Suction Tube Strainer |
| 245132 | Xtreme Floor-Stand Kit | 191635 | Tube Strainer |
| NXT206 | DataTrak Upgrade Kit for the NXT 2200 | 245176 | Suction Kit, Replaces OEM Suction Assembly (6 ft, 1.8 m hose) |
| NXT306 | DataTrak Upgrade Kit for the NXT 3400 | 288687 | Suction Kit, Wall Mount Version (10 ft, 3 m hose) |
| NXT606 | DataTrak Upgrade Kit for the NXT 6500 | 245136 | 55 gal (200 l) suction tube extension, |
| NXT107 | NXT Air Motor Valve - fits all three sizes | 245190 | Inlet Ball Spring Load Kit: 145cc, 180cc |
| 262230 | External Air Controls for Lightweight Xtreme Package Carts | 245191 | Inlet Ball Spring Load Kit: 220cc, 250cc, 290cc |
| 262231 | External Air Controls for Heavy-Duty Xtreme Package Carts | 245127 | Carbide piston ball for 145 or 180 cc lower, 3-pack |
| NXT112 | De-Ice Control (5-Pack) | 244841 | Lubricator - NXT Air Motor |
| NXT102 | De-Ice Control Repair Kit | 206995 | TSL, 1 qt (0.9 L) |

PREMICOTM 1400 ACRYLIC COATING FOR PROFESSIONAL USE ONLY**PRODUCT INFORMATION**

PRODUCT TYPE: Material is a plasticizer free 100% acrylic, single component, waterbased, premium quality elastomeric coating for spray, brush, or roller application.

GENERAL PROPERTIES: This product has been formulated to retain its flexibility over the long term. Highest quality ingredients and attention to detail during manufacture result in a exceptional quality product that will protect and preserve nearly any substrate. These ingredients along with high levels of UV resistant pigments result in a coating that is brighter than many other acrylic coatings. A proven, long lasting biocide package also contributes to the long term color retention. This coating has the unique ability to provide a membrane that is not only watertight but also breathable allowing the escape of any trapped moisture vapor from the substrate.

RECOMMENDED USES: This product is intended to be used as a universal roofing and wall coating. It has excellent adhesion to many substrates including polyurethane foam, concrete, masonry, primed metal and primed wood. When used with a suitable base coat it is an exceptional protective coating for most single ply roofing membranes. Contact Premium Spray Products for specific application information.

PRODUCT LIMITATIONS: This coating is waterbased and requires evaporation of the water in order to cure. Low temperatures and high humidity will slow this process. Do not apply this coating if there is any moisture on the substrate or there is any risk of precipitation or heavy dew before the material is completely cured. Material is not intended for ponded water applications. Applications where there is a risk of vapor drive, such as cold storage and refrigerated tank applications should only be made in conjunction with a suitable vapor barrier. This material is not intended for use as a thermal barrier.

PONDING WATER:

- Premium Spray Products, Inc., warranties do not cover damage due to ponding water.
- The National Roofing Contractors Association considers ponding water on any roof unacceptable. (See the NRCA Roofing and Waterproofing Manual).

Please consult the Premium Spray Products technical department for specific application questions for this product.

RATINGS: This product has achieved a UL Class A rating over a combustible deck when tested in accordance with UL790

Passes Requirements of ASTM D-6083 Standard for Acrylic Roof Coatings

STANDARD COLORS

FINISH: White – Satin Gloss;

Topcoats Available in: White, Light Grey and Tan;

Basecoat: Basecoat formulation available with better adhesion and recoatability. (Available in Gray and Ivory).

Special colors available upon request at an additional charge. Allow additional manufacturing time for non-standard colors.

Tensile Strength:	290 psi ± 25	ASTM D-2370
Elongation:	235 % ± 25	ASTM D-2370
Perms:	17	ASTM D-1653
Solids (By Volume):	55 % ± 2	ASTM D-2697
Solids (By Weight):	68 % ± 2	ASTM D-1644
Density:	12.0 lbs . gal	ASTM D-1475
VOC:	> (ASTM D- 50 g/liter	(Method 24)
Flash Point:	>212 degrees F.	ASTM D-1310
Low Temp Flex:	Passes 180° Flex over ½. Mandrel @-15°F (-26°C)	ASTM D-522
Cure Time:	24 Hours, depending upon temp & humidity	
Dry Time:	5 hour at 75°F.% 50% rh	
Shelf Life:	6 months in Sealed containers	
Solar Reflectivity:	0.88	ASTM C-1549
Emissivity:	0.90	ASTM C-1371
SRI:	111	ASTM C-1980
Temperature Limit:	0°F. to 185°F.	ASTM D-624

ORDERING INFORMATION**PRODUCT IS AVAILABLE IN:**

- 5 Gallon Pails (18.9 Liters)
- 55 Gallon Drums containing 55 Gallons of material (208.2 Liters)

SHIPPING INFORMATION:

Container Size	Class Rating
5 Gallon	55
55 Gallon	55

D.O.T. CLASSIFICATION: Roof Coating – Not Regulated

HMIS® RATING: Health 1, Flammability 0, Reactivity 0, Protection X (0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe)

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Premium Spray Products to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Premium Spray Products. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY PREMIUM SPRAY PRODUCTS EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

PREMICOTM 1500 ACRYLIC COATING FOR PROFESSIONAL USE ONLY

PRODUCT INFORMATION

PRODUCT TYPE: Material is a plasticizer free 100% acrylic, single component, waterbased, high performance elastomericcoating for spray, brush, or roller application.

GENERAL PROPERTIES: This product has been formulated to be one of the highest performing elastomericcoatings in the market place. High levels of a high performance polymers provide exceptional tensile and elongation properties. The combination of these high performance polymers, and high levels of UV resistant pigments result in a coating that is not only brighter but retains these properties longer than typical acryliccoatings. A proven, long lasting biocide package also contributes to the long term color retention. This coating has the unique ability to provide a membrane that is not only watertight but also breathable, allowing the escape of any trapped moisture vapor from the substrate.

RECOMMENDED USES: This product is intended to be used as a universal roofing and wall coating. It has excellent adhesion to many substrates including polyurethane foam, concrete, masonry, primed metal and primed wood. When used with a suitable base coat it is an exceptional protective coating for most single ply roofing membranes. Contact Premium Spray Products for specific application information.

PRODUCT LIMITATIONS: This coating is waterbased and requires evaporation of the water in order to cure. Low temperatures and high humidity will slow this process. Do not apply this coating if there is any moisture on the substrate or there is any risk of precipitation or heavy dew before the material is completely cured. Material is not intended for ponded water applications. Applications where there is a risk of vapor drive, such as cold storage and refrigerated tank applications should only be made in conjunction with a suitable vapor barrier. This material is not intended for use as a thermal barrier.

PONDING WATER:

- Premium Spray Products, Inc., warranties do not cover damage due to ponding water.
- The National Roofing Contractors Association considers ponding water on any roof unacceptable. (See the NRCA Roofing and Waterproofing Manual).

Please consult the Premium Spray Products technical department for specific application questions for this product.

RATINGS: This product has achieved a UL Class A rating over a combustible deck when tested in accordance with UL790

Passes Requirements of ASTM D-6083 Standard for Acrylic Roof Coatings

STANDARD COLORS

FINISH: White – Satin Gloss;

Topcoats Available in: White, Light Grey and Tan;

Basecoat: Basecoat formulation available with better adhesion and recoatability. (Available in Gray and Ivory).

Special colors available upon request at an additional charge.

Allow additional manufacturing time for non-standard colors.

Tensile Strength:	475 psi ± 25	ASTM D-2370
Elongation:	580 % ± 25	ASTM D-2370
Perms:	12	ASTM D-1653
Solids (By Volume):	55 % ± 2	ASTM D-2697
Solids (By Weight):	65 % ± 2	ASTM D-1644
Density:	11.1 lbs . gal	ASTM D-1475
VOC:	<50 g/liter	(Method 24)
Flash Point:	>212 degrees F.	ASTM D-1310
Tear Resistance:	130 lb/ft	ASTM D-624
Flex:	Low temp Flexibility over ½. Mandrel @-15°F (-26°C)	Passes 180° ASTM D-522
Cure Time:	24 Hours, depending upon temp & humidity	
Dry Time:	4 hour at 75°F.% 50% rh	
Shelf Life:	6 months in Sealed containers	
Solar Reflectivity:	0.87	ASTM C-1549
Emissivity:	0.90	ASTM C-1371
SRI:	110	ASTM E-1980
Temperature Limit:	0°F. to 185°F.	

ORDERING INFORMATION

PRODUCT IS AVAILABLE IN:

- 5 Gallon Pails (18.9 Liters)
- 55 Gallon Drums containing 55 Gallons of material (208.2 Liters)

SHIPPING INFORMATION:

Container Size	Class Rating
5 Gallon	55
55 Gallon	55

D.O.T. CLASSIFICATION: Roof Coating – Not Regulated

HMIS® RATING: Health 1, Flammability 0, Reactivity 0, Protection X (0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe)

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Premium Spray Products to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Premium Spray Products. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY PREMIUM SPRAY PRODUCTS EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

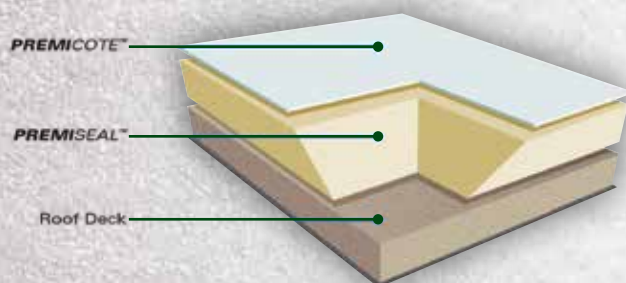
PREMISEAL™ POLYURETHANE SPRAY FOAM ROOFING SYSTEMS

The **PREMISEAL™** roofing system by Premium Spray Products is designed to provide a long term, sustainable roofing solution utilizing spray polyurethane foam. When combined with our **PREMICOTE™** line of primer and coatings you can create a roof system that is watertight, provides superior insulating power and contains the reflective qualities so important in an energy efficient roof system.

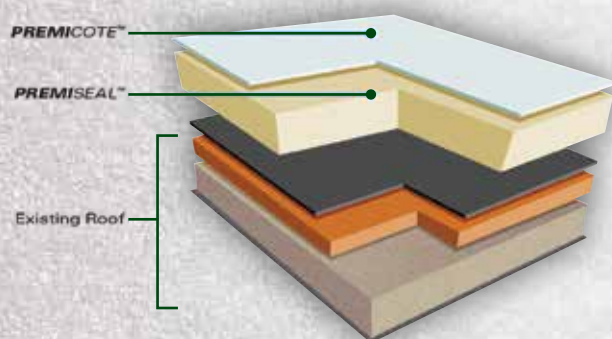
Why install a spray polyurethane roof system?

- You have choices: Install as new system over most roof decking substrates or apply over an existing built up roofing system as a cost effective alternative to a complete tear-off.
- A spray polyurethane foam application provides a seamless monolithic roof system with no joints, seams or cracks that would allow moisture, heat or cold to enter.
- The high R-value of Closed Cell spray polyurethane foam will reduce the energy usage of any facility.
- Our **PREMICOTE™** line of roof coatings will complete your new **PREMISEAL™** roof system. **PREMICOTE™** provides an additional weather-tight seal along with the UV light protection that will create a long lasting roof solution for the commercial property owner.

Installation Directly to Substrate



Installation Over Existing Roof



ADVANTAGES

The Premium Spray Products **PREMISEAL™** roofing system is a two component, one-to-one by volume spray applied rigid polyurethane foam. It is a technically advanced spray roofing system intended for use by authorized contractors trained in the processing and application of spray polyurethane foam. It provides a self adhering, seamless, high R-value roofing system. **PREMISEAL™** utilizes an EPA approved, zero ozone-depleting blowing agent. It is a roofing system designed for commercial, industrial and institutional applications. **PREMISEAL™** is compatible with most common roofing materials and roof deck substrates.

- Superior Insulation Performance
- Good Dimensional Stability
- Excellent Cure and Overlap Adhesion
- Broad Range of Application Conditions
- High Yields
- Ease of Application
- High closed cell content
- Zero ODP

For proper use of this Premium Spray Products roofing system or any polyurethane foam, please refer to the Premium Spray Products application information and any of the following codes or guidelines:

- API Bulletin AX-205 "Working with MDI and Polymeric MDI: What You Should Know"
- API Bulletin AX-236 "Six Steps for Fire Safety During Construction"
- API Bulletin AX-151 "Guidelines for the Responsible Disposal of Waste and Containers from Polyurethane Processing"
- International Building Code, (IBC), Section 2603

PREMISEAL™ 250

CORE DENSITY 2.5 PCF	COMPRESSIVE STRENGTH 42 PSI	R-VALUE 6.5 / INCH
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PREMISEAL™ 280

CORE DENSITY 2.8 PCF	COMPRESSIVE STRENGTH 55 PSI	R-VALUE 6.5 / INCH
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PREMISEAL™ 300

CORE DENSITY 3.0 PCF	COMPRESSIVE STRENGTH 57 PSI	R-VALUE 6.4 / INCH
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PREMISEAL™, **PREMICOTE™** and Premium Spray Products, are trademarks of Premium Spray Products, Inc.

AIR, MOISTURE & THERMAL BARRIERS



Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethane

TEXSPRAY RTX 1500

The RTX 1500 is packed with innovative features and performance points—designed for the professional texture contractor.

AUTOMATIC PRESSURE UNLOADER

- Ensures a soft start with each trigger pull
- Eliminates the material blast that can impact finish quality
- Results in less material waste and less clean up
- Dramatically extends pump life

ROTOFLEX HD TEXTURE PUMP

- 2.0 gpm output gets the job done quickly
- 100 psi material pressure allows longer hose lengths, minimizing time spent moving the sprayer
- Large, 7/8-inch ID pump tube passes large particles easily

HIGH-OUTPUT AIR COMPRESSOR

- Produces 6.5 cfm at 45 psi
- Projects texture farther
- Maximum 10.2 cu ft/min displacement for long life

LARGE 15-GALLON CAPACITY HOPPER

- No-tools removal for easy clean up
- Steep sided to keep thick muds flowing to the pump QuikChange Pump Section
- No-tools pump removal and replacement changes in less than 5 minutes
- Pump removal and replaces changes in less than 5 minutes

BONDED MATERIAL/AIR HOSE

- Both hoses are permanently bonded together for easy handling
- No-tools hose connection with oversized grip

AIR SPRAY HEAVY-DUTY TRIGGER GUN

- Durable cast aluminum design
- Oversized fluid passages for pumping heavy mud mixes and larger aggregate sizes
- Non-bleeder design shuts air flow off each time trigger is closed
- Extra-coarse gun head threads for quick nozzle changes



DESCRIPTION
TEXSPRAY RTX 1500

ITEM #
248201

SPECIFICATIONS

MAX GPM (LPM):	2.0 (7.5)
MAX PSI (BAR):	100 (7.0)
MAX HOSE FT (M):	100 (30)
MOTOR (HP):	2.0
HOPPER GAL (L):	15 (56.8)

INCLUDES

- Heavy-Duty Trigger Gun
- 3 mm, 4 mm, 6 mm, 8 mm, 10 mm, 12 mm Nozzles
- 1 in x 25 ft (25.4 mm x 7.5 m) Bonded Air/Material Hose

TEXSPRAY HTX 2030

The TexSpray HTX 2030 is Graco's most powerful and versatile texture sprayer to date. Designed for today's demanding exterior aggregate and smooth coatings, the HTX 2030 offers extreme durability and simple operation. Capable of applying exterior smooth and aggregate textures, elastomerics, and acrylic materials, it can also spray drywall mud in an orange peel, splatter or knockdown finish. Combine this with the available MaxLife® Endurance High Pressure Pump and you can spray a wide variety of interior and exterior smooth materials including primers and paints.

HIGH-OUTPUT TEXTURE PUMP

- Uniquely designed pump with extra large passages allows pumping aggregated materials up to 2.5 mm
- No-tools hose connections at pump and gun
- Innovative soft seal in the foot valve ensures consistent and optimal performance
- Produces delivery rates to 3.0 gpm at 1000 psi for time-saving production rates

- Easily sprays smooth and aggregate textures, elastomerics and acrylic materials

POWERFLO™ CONTROL SYSTEM

- Innovative design remotely stops and starts material flow right at the pump, eliminating the need for a downstream valve
- Offers a smooth, controlled material flow to prevent pack-out conditions
- Ensures a soft start, eliminating the material blast that can impact finish quality
- Full-range flow control from .6 to 3 gpm

EXCLUSIVE STRAIGHTTHRU™ FLUID PATH

- StraightThru design eliminates turns and corners from pump to gun
- Puts less stress on material to virtually eliminate pack-out conditions
- Enables the spraying of today's more demanding and aggressive aggregate materials

WIDE VARIETY OF APPLICATORS

- FreeFlo™ Inline Gun offers oversized, unobstructed fluid passages to provide maximum flow
- Trigger Gun Applicator provides one-handed operation, has trigger shut-off to prevent material oozing, and is ideal for spraying EIFS and synthetic stucco finish coats
- Sprays air-assisted in either a round pattern or wide fan pattern for fast, consistent material coverage
- 3 ft Pole Gun* offers extended reach to minimize repositioning of lifts and ladders (patent pending)
- Flex Head Pole Gun* offers greater control in tight areas, such as on scaffolding and around architectural detail
- Both new pole guns can spray in a wide fan pattern—an industry first!

**TEXSPRAY HTX 2030**

DESCRIPTION	ITEM #
TEXSPRAY HTX 2030 COMPLETE WITH FREEFLO™ INLINE GUN	258740

TEXSPRAY HTX 2030 COMPLETE WITH TRIGGER GUN APPLICATOR	258740
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SPECIFICATIONS

MAX TIP SIZE:	.071
MAX GPM (LPM):	3.0 (11)
MAX PSI (BAR):	1000 (70)
ENGINE CC (HP):	Honda 200 (6.5)

INCLUDES

- High-Output Piston Texture Pump
- 3/4 in x 50 ft (19 mm x 15 m) Hose
- 55 Gallon Suction Set
- Fine Finish Kit with 1/8 in, 1/4 in, 5/16 in and 3/8 in Nozzles
- 4 mm, 6 mm, 8 mm, 10 mm Nozzles



Can also airlessly apply the wide range of heavier smooth coatings, Level 5, primers and paints.

TEXSPRAY HTX 2030 Complete Plus+

DESCRIPTION	ITEM #
TEXSPRAY HTX 2030 COMPLETE PLUS+ WITH FREEFLO™ INLINE GUN	258741

TEXSPRAY HTX 2030 COMPLETE PLUS+ WITH TRIGGER GUN APPLICATOR	258678
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SPECIFICATIONS

MAX TIP SIZE:	.071
MAX GPM (LPM):	3.0 (11)
MAX PSI (BAR):	1000 (70)
ENGINE CC (HP):	Honda 200 (6.5)

INCLUDES

- High-Output Piston Texture Pump
- FreeFlo Inline Gun
- RAC X 671 Airless Tip and Guard
- 3/4 in x 50 ft (19 mm x 15 m) Hose
- 55 Gallon Suction Set
- Fine Finish Kit with 1/8 in, 1/4 in, 5/16 in and 3/8 in Nozzles
- 4 mm, 6 mm, 8 mm, 10 mm Nozzles

PLUS+ INCLUDES

- MaxLife Endurance High Pressure Airless Pump
- Heavy-Duty Texture Gun
- RAC X 643 Airless Tip and Guard
- 3/8 in x 50 ft (9.5 mm x 15 m) BlueMax II Airless Hose
- 1/4 in x 3 ft (6.4 mm x .9 m) Whip Hose

ENERSHIELD®-1 Class 1 Vapor Retarder

ENERSHIELD®-1 is a one component fluid-applied air/water-resistive barrier that can also function as a Class I vapor retarder. This resilient water-resistant coating may be roller-, brush-, or spray-applied directly to approved wall substrates.



Features	Benefits
Liquid-applied, continuous membrane	Eliminates seams, lap joints and staples; transmits wind load directly to the substrate
Meets ASTM E2357, ICC-ES AC212 and ICC-ES AC148 requirements	Fully qualified as an air/water-resistive barrier and flexible flashing material
Approved for use under most wall claddings on mixed-cladding buildings	Provides a seamless air and water-resistive barrier
Compatible with BASF adhesives	Approved for BASF adhesively-attached Water-Drainage EIFS
Spray-, roller-, or brush-applied	Applicator friendly; quick application
Ready to use	Speeds application
Water based	Safe for workers and environment; easy to clean up

ENERSHIELD®-1 is used as an air/water-resistive barrier over the following exterior wall substrates:

1. PermaBase™ brand cement board (or other ASTM C1325 Type A Exterior approved cement boards)
2. e²XP™ by National Gypsum, GlasRoc® by Certainteed and DensGlass™ exterior sheathing (ASTM C1177)
3. Gypsum sheathing (ASTM C79/C1396)
4. New and untreated Exposure 1 or exterior plywood sheathing (Grade C-D or better)
5. Exposure 1 OSB
6. Poured concrete/unit masonry

ENERSHIELD®-1 complies with the air barrier requirements of the Massachusetts Energy Code.

ENERSHIELD®-1 should not be used for below grade applications or on surfaces subject to water immersion.

ENERSHIELD®-HP High Permeability

ENERSHIELD®-HP is a one component fluid-applied vapor permeable air/ water-resistive barrier. This resilient water-resistant coating may be roller-, brush-, trowel-, or spray-applied directly to approved wall substrates. It provides excellent secondary moisture protection to BASF Wall Systems and most other wall claddings.

Features	Benefits
Liquid-applied, continuous membrane	Eliminates seams, lap joints and staples; transmits wind load directly to the substrate
Meets ASTM E2357, ICC-ES AC212 and ICC-ES AC148 requirements	Fully qualified as an air/water-resistive barrier and flexible flashing material
Approved for use under most wall claddings on mixed-cladding buildings	Provides a seamless air and water-resistive barrier
Compatible with BASF adhesives	Approved for BASF adhesively-attached Water-Drainage EIFS
Spray-, roller-, or brush-applied	Applicator friendly; quick application
ABAA approved	Meets ABAA specifications
Water based	Safe for workers and environment; easy to clean up



ENERSHIELD®-HP is used as an air/water-resistive barrier over the following exterior wall substrates:

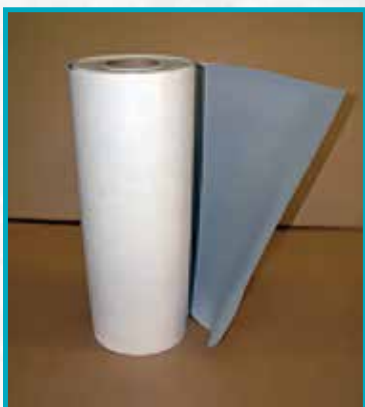
1. PermaBase™ brand cement board (or other ASTM C1325 Type A Exterior approved cement boards)
2. e²XP™ by National Gypsum, GlasRoc® by Certainteed and DensGlass™ exterior sheathing (ASTM C1177)
3. Gypsum sheathing (ASTM C79/C1396)
4. New and untreated Exposure 1 or exterior plywood sheathing (Grade C-D or better)
5. Exposure 1 OSB
6. Poured concrete/unit masonry

ENERSHIELD®-HP complies with the air barrier impermeability requirements of the Massachusetts Energy Code.

ENERSHIELD®-HP should not be used for below grade applications or on surfaces subject to water immersion.

ENERSHIELD®-TWF (Through Wall Flashing) Membrane

ENERSHIELD®-TWF is derived from proven roofing membrane technology, and comprised of a polymer alloy reinforced with polyester fibers. This highly UV-resistant membrane is resistant to alkaline environments, and will not deteriorate or harden after prolonged service.



Features	Benefits
Complements air/water-resistive barrier system	Membranes and/or accessories help contain and migrate moisture
Durable	Comprised of a polymer alloy reinforced with polyester fibers derived from roofing membrane technology
Alkali resistant	Long-term dependability and performance
Preformed end dams	Applicator friendly; quick application

ENERSHIELD®-TWF self-adhesive membrane Through Wall Flashing is designed for use with ENERSHIELD-HP and ENERSHIELD-I to create an air/water-resistive barrier system for use on masonry substrates and framed construction. ENERSHIELD-TWF membrane can be installed with an integral drip edge or in conjunction with a metal drip edge.

ENERSHIELD®-TWF accessories are used to maintain flashing continuity at inside/outside corners, and to create end dams designed to facilitate water management.

QUICK CORNER 6

QUICK CORNER 6 is a premanufactured corner reinforcement designed for use with BASF Wall Systems fluid-applied air/water-resistive barrier products.

Features	Benefits
One-piece coverage of window corner	Consistent moisture protection
Conforms to out-of-square openings	Fast, easy, reliable application
Package dispenses like facial tissue	Convenience and speed of application
ICC-ES AC 148 compliant	Meets building code requirements
Designed for commercial window sizes	Provides air barrier continuity



QUICK CORNER 6 can be used to reinforce the corners of rough openings as part of a flexible flashing system. Rough openings treated with QUICK CORNER 6 and approved BASF Wall Systems' products can be integrated into a seamless air/water-resistive barrier and flexible flashing system.

QUICK CORNER 6 is intended exclusively for use with ENERSHIELD-HP and ENERSHIELD-I.



THERMAL & IGNITION BARRIERS FLAME SEAL TB™

FS-TB™ is a two-component product and the only SPF coating with zero flammable components (such as latex). This is not an architectural paint, but a dedicated fire safety coating made from ONLY fire resistant raw materials.

The product can be applied in one pass—

Thermal Barrier: 25 wet mils (64 sq ft./gallon)

Ignition Barrier: 4-10 wet mils (varies with brands)

Five shades available: white, light, medium or dark gray, and black, to give clients the look they want. ALSO, your clients won't be tempted to apply topcoat, which will void any coating's fire test certifications.



HANDI-FOAM® IGNITION BARRIER

An intumescent latex coating that has been tested with Handi-Foam E-84 Spray Polyurethane Foam to meet ignition barrier requirements as identified in the AC 377 Appendix X and building code requirements for exposed foam in attics and crawlspaces.

Item#	Description
M10000	HANDI-FOAM IGNITION BARRIER

SFS DC 315 *Your one step, 15 minute thermal solution for SFS Polyurethane Spray Foam.*

DC 315 is interior ignition or thermal barrier coating for spray polyurethane foam insulation. Depending on your particular application, an ignition or a thermal barrier are required by Building Code. DC 315 is water based latex system that dries quickly and reaches maximum properties in less than 14 days. DC 315 over polyurethane foam to prevent surface ignition due to a flame source. This product will inhibit or prevent the start and spread of flame encountered on the surface is designed to be a long term protective barrier.

- Single coat coverage, reduced labor cost, fast turnaround time
- Easy application, no complicated mixing
- Water based, easy clean up, won't gum up equipment
- No formaldehyde, low VOC's, LEED points
- Compatible with any paintable construction material
- Made in the USA

CHARACTERISTICS:

FINISH	Flat
COLOR	Off-White
V.O.C.	(47 g/l)
VOLUME SOLIDS	65%
DRYING TIME @ 77°F & 50% RH	To touch 1-2 hours to recoat 2 to 4 hours
TYPE OF CURE	Coalescence
FLASH POINT	None
REDUCER/CLEANER	Water
SHELF LIFE	2 years (unopened)
PACKAGING	5-55 gal. containers
SHIPPING WEIGHT	5 gal – 58 lbs 55 gal – 640 lbs
APPLICATION	Brush, roller, conventional and airless sprayer



Advantages of using DC 315 for Thermal Barrier over SFS Spray Foam include: IBCcode Compliant Thermal Barrier (NFPA 286, UL 1715)

	Name	Wet mils	Dry mils	Coverage per gallon
Thermal Barrier Open Cell	Gaco Western Open Cell 052N	22	14	80 sq. ft.
Thermal Barrier Close Cell	Gaco Western Closed Cell 183N	20	14	73 sq. ft.
Thermal Barrier Open Cell	Premium Foamsulate 210 Closed Cell	20	13	80 sq. ft.
Thermal Barrier Close Cell	Premium Foamsulate 50	20	13	80 sq. ft.

BLASTING EQUIPMENT



*Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethane*

EcoQuip® EQ100M

This unit comes with a hot-dipped galvanized blast pot - integral hand truck assembly; stainless steel control panel, plumbing and components, along with a 10-gallon, UV-protected poly water tank. The EQ100M, when coupled with any air compressor capable of producing 185-350 CFM @ 100+ psi has the ability to blast from 30-130 psi. The EQ100M comes standard with 50 feet of blast hose, pneumatic or electric dead man control, a #7 nozzle, and a low tank water shut-down system. The unit can be loaded into a pickup truck using the slide-rails to assist, or by using the lifting eye. It can be stowed or moved while on its back utilizing the two additional rollers at the handle.

GENERAL INFORMATION

DIMENSIONS	33.75" L x 25" W x 46" H
WEIGHT	360 lbs. Dry / 550 lbs. Wet
AIR CAPACITY	165 CFM - 350 CFM
POT MEDIA CAPACITY	250 lbs.
AVAILABLE ACCESSORIES	Hose Extensions, Extension Wands & Nozzles
WARRANTY	Complete Machine for 1 Year from Original Purchase Date, Less Wearable Parts
ITEM#	EQ100M



ENGINE

TYPE	Diesel
MODEL	4-cylinder Turbo Diesel
POWER	45-57 HP @ 2600RPM
OIL SYSTEM	Pressurized with spin-on filter
BATTERY	12 Volt
FUEL TANK CAPACITY	Provides 8+ hours of operation

COMPRESSOR

TYPE	Rotary Screw, Oil Injected
RATE DELIVERY	175-210 cfm
OPERATING PRESSURE	100 psi (7 bar)
LUBRICATION SYSTEM	Pressurized Lubrication, Spin-on Cartridge Filter, Thermostatically Controlled Oil-to-Air Cooler
PRESSURE RELIEF	125-150 psi

EcoQuip® EQ200T

The EQ200T is a mobile, self-contained unit, with a diesel-driven compressor and a 95-gallon water storage tank on a D.O.T. approved trailer. It has the ability to blast between 30-100psi blast pressure. This unit is designed to bridge the gap between the light commercial cleaning market - such as graffiti and restoration - and the industrial coatings market. The compact design allows for maximum on-site maneuverability and access to most areas of a work site. Our stainless steel control panel, stainless steel plumbing and components, with variable pressure controls, are user-friendly and easy to operate. This unit comes standard with 50 feet of blast hose, pneumatic or electric dead man control, and a #7 blast nozzle.

GENERAL INFORMATION

DIMENSIONS	174" L x 68" W x 62" H
WEIGHT	4000 lbs. Dry / 5400 lbs. Wet
POT DIAMETER	24 in.
POT WATER CAPACITY	42.6 Gal.
POT MEDIA CAPACITY	500 lbs.
HOSE LENGTH	50ft. Standard Blast Hose
AVAILABLE ACCESSORIES	Hose Extensions, Extension Wands & Nozzles
WARRANTY	Complete Machine for 1 Year from Original Purchase Date, Less Wearable Parts (necessary PM items excluded)
ITEM#	EQ200T

EcoQuip® EQ300S

This unit comes with a hot-dipped galvanized blast pot, stainless steel crash frame, control panel, plumbing and components, along with an integrated 115-gallon, UV-protected poly tank. The EQ300S, when coupled with any air compressor capable of producing 185-350 cfm, has the ability to blast from 30-130 psi. The EQ300S comes standard with 50 feet of blast hose, pneumatic or electric dead man control, and a #7 nozzle. The unit fits in the bed of any standard pickup truck.

GENERAL INFORMATION

DIMENSIONS	55.75"L x 45.5"W x 55.5"H
WEIGHT	1,050 lbs. Dry / 2,750 lbs. Wet
AIR CAPACITY	185 CFM - 350 CFM
POT MEDIA CAPACITY	500 lbs.
AVAILABLE ACCESSORIES	Hose Extensions, Extension Wands & Nozzles
WARRANTY	Complete Machine for 1 Year from Original Purchase Date, Less Wearable Parts
ITEM#	EQ300S

* For the best production use performance media with a medium to fine mesh size.
 **Please see complete warranty for details. Specifications subject to change without notice.



BENEFITS

- Reduced Media Consumption (50-150 lbs of media an hour)
- Reduced Run-Off (Less than 1 qt. per minute)
- Suppresses up to 97% of airborne particles (Lowering containment cost)
- Less waste material to dispose (Reducing transport and disposal cost)
- Effective in rain and high humidity
- Standard Abrasive Grit heavier than water*



EcoQuip® EQ400T

The EQ400T is a mobile, high-production unit that has the ability to blast from 30-100 psi blast pressure. This fully self-contained unit comes with a 375 CFM air compressor on a trailer with a 125-gallon water tank, hot dipped galvanized blast pot, and a stainless steel control panel and components. The EQ400T comes standard with 50 feet of blast hose, pneumatic or electric dead man control, and a #8 nozzle. The EQ400T is ready for the toughest of applications.

ENGINE

TYPE	Diesel
MODEL	4-cylinder Turbo Diesel, Tier 3
POWER	90-108 HP @ 2400-2600RPM
OIL SYSTEM	Pressurized with spin-on filter
BATTERY	12 or 24 Volt
FUEL TANK CAPACITY	Provides 8+ hours of operation

COMPRESSOR

TYPE	Single-stage, oil cooled, screw-type
RATE DELIVERY	375-425 cfm
OPERATING PRESSURE	120 psi (8.4 bar)
LUBRICATION SYSTEM	Pressurized Lubrication, Spin-on Cartridge Filter, Thermostatically Controlled Oil-to-Air Cooler
PRESSURE RELIEF	150 psi (10.3 bar)

GENERAL INFORMATION

DIMENSIONS	198"L x 87"W x 74"H
WEIGHT	6,080 lbs. Dry / 8,080 lbs. Wet
POT DIAMETER	24 in.
POT WATER CAPACITY	42.6 Gal.
POT MEDIA CAPACITY	500 lbs.
HOSE LENGTH	50ft. Standard Blast Hose
AVAILABLE ACCESSORIES	Hose Extensions, Extension Wands & Nozzles
WARRANTY	Complete Machine for 1 Year from Original Purchase Date, Less Wearable Parts (necessary PM items excluded)
ITEM#	EQ400T

EcoQuip® EQ600S

The EQ600S is our high-production, stand-alone unit that attaches to any 375-600 cfm air compressor. It has the ability to blast from 30-140 psi. This unit comes with a hot-dipped galvanized blast pot, stainless steel crash frame, control panel, plumbing and components, and our user-friendly controls. It has a 125-gallon, UV-protected poly tank. All of our units are designed to withstand the toughest conditions. The EQ600S comes standard with 50 feet of blast hose, pneumatic or electric dead man control, and a #8 nozzle. The unit fits in the bed of any standard pickup truck.

GENERAL INFORMATION

DIMENSIONS	55.75" L x 45.5" W x 55.5" H
WEIGHT	1,100 lbs. Dry / 2,800 lbs. Wet
AIR CAPACITY	375 CFM - 600 CFM
POT MEDIA CAPACITY	500 lbs.
HOSE LENGTH/WEIGHT	50', 1.25" ID, 2-ply Blast Hose, 55 lbs.
AVAILABLE ACCESSORIES	Hose Extensions, Extension Wands & Nozzles
WARRANTY	Complete Machine for 1 Year from Original Purchase Date, Less Wearable Parts
ITEM#	EQ600S

* For the best production use performance media with a medium to fine mesh size.

**Please see complete warranty for details. Specifications subject to change without notice.



BENEFITS

- Reduced Media Consumption (50-150 lbs of media an hour)
- Reduced Run-Off (Less than 1 qt. per minute)
- Suppresses up to 97% of airborne particles (Lowering containment cost)
- Less waste material to dispose (Reducing transport and disposal cost)
- Effective in rain and high humidity
- Remove coatings w/o damaging sub-surface
- Standard Abrasive Grit heavier than water*

BLASTING SAFETY



BULLARD ONE WORKER SYSTEM WITH BLASTING RESPIRATOR

All assemblies include a Clean Air Box, 3-stage filtration, visual filter change indicators, CO monitor with auto-calibration, audible and visual alarms for high CO and low battery. Respirator includes 88VX3230 hood, AC1000 cool tube, breathing tube and breathing hose assembly. (25')

CAB15HA88VXSYS* 10PPM
CAB15HA88VXSYS5* 5PPM

15 cfm Clean Air Box System with 88VX3230 Blasting Respirator

*Requires upgrade kit for use with Remote Alarm



BULLARD GenVX™ SERIES AIRLINE RESPIRATOR

GenVX™ Series Respirator Assembly for use with Bullard Free-Air® Pumps
COMPLETE RESPIRATOR WORK SYSTEM

GVXSYS

GVX2835 Respirator with 46VX Nylon Cape - 28" length
ADP20 Free-Air® Pump • V2050ST Air Supply Hose
FRIGITRON2000 climate control device

GVXSYS16TE

GVX2835 Respirator with 46VX Nylon Cape - 28" length
EDP16TE Free-Air® Pump • V2050ST Air Supply Hose

All systems above include:

- Breathing tube assembly
- Inner and outer lens with Mylar® lens cover (package of five)
- Chinstrap (20NC)



ALLEGRO NOVA 2000™ HELMET LOW PRESSURE SYSTEM

The Allegro™ Nova is your number one choice Abrasive Blasting Helmet built for reliable, durable use and increased worker productivity. the complete One-Worker Blasting Helmet system provides a portable air source for one user. It includes a Nova Helmet, 3/4HP pump and 50' of airline hose.

9285-01 One Worker Blasting Helmet System w/50' Hose

GEOTECHNICAL POLYURETHANE SYSTEMS



*Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethane*

W W W . S P R A Y F O A M S Y S . C O M

TURN YOUR SPRAY FOAM RIG INTO A POLYURETHANE CONCRETE LIFTING/ RAISING RIG WITH ONE **SIMPLE UPGRADE** FOR YOUR FUSION GUN

- *Simple conversion system*
- *Higher profit margins*
- *Earn Additional revenue*
- *Low up front equipment cost*
- *Less competition in market place*



ProPAK XD
MOBILE SPRAY RIGS

XD1 SERIES

**SPRAY FOAM INSULATION
POLYUREA COATINGS
POLYURETHANE CONCRETE LIFTING
RETRO INJECTION FOAM**

Setup in an 7x14 Cargo Hauler, the ProPAK XD1 can easily be towed by a ½ ton truck. There is plenty of room to carry up to three sets of foam and enough space to store ladders and scaffolding. The standard work bench stores all of your safety equipment. Backed by the powerful Graco E-10HP Reactor, this rig allows you up to 10 lbs per minute of material output and up to 105' of hose length. Turn key unit with Generator.

GRACO E-10HP REACTOR
ENTRY LEVEL SYSTEM
FOR PURE AND HYBRID
POLYUREA COATINGS



SEE PAGE
PG.39 IN
CATALOG
FOR MORE
INFORMATION
ON THE
GRACO E-10HP
REACTOR









SEE PAGE PG.11 IN CATALOG
FOR MORE INFORMATION
ON THE XD1 SERIES SPRAY RIG



THE PROPAK XD1
MOBILE SPRAY RIG
IS YOUR PORTABLE
SOLUTION FOR A
WIDE VARIETY OF
APPLICATIONS.



	PRODUCT	DESCRIPTION	ITEM #
	Fusion Pro	Fusion Pro Side Seal Kit 4 Pack For Concrete Lifting	FPSSK0
	Fusion Pro	Fusion Pro Side Seal Housing O-Rings 4 Pack For Concrete Jacking	FPSSH0
	Fusion Pro Clamp	Clamp for Concrete Lifting	FPC001
	Fusion Pro Injection Port	Fusion Pro Injection Ports for Polyurethane Concrete Lifting, Raising, and Leveling	FPIP04
	Fusion Pro Tip	Tip For Fusion Pro Concrete Jacking Equipment	FPCT36
	Fusion Pro Tip	Tip for Concrete Lifting	FP3000



SFS | CONCRETE LIFTING FOAM



LIFTING FOAM

ITEM#	PRODUCT	DESCRIPTION
RR201	Residential 2lb	Light weight and fast reacting, this foam is ideal for residential concrete lifting.
RR401	Highway/Commercial 4lb	High density foam for lifting heavy slabs ideal for highways and industrial flow projects with heavy traffic.
RR501	Slab/Joint Stabilization 5lb	Formulated for joint stabilization and undersealing when material flow is required.
RR600	Soil Stabilizer	Single component polyurethane designed to bind and stabilize loose soils.



INDUSTRIAL EQUIPMENT



SFS

Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethane

W W W . S P R A Y F O A M S Y S . C O M

ROLAIR | AIR COMPRESSORS



1.5–2 HP SINGLE-STAGE MODELS

MODEL				TANK CAPACITY (gallons)	MOTOR RPM	DISP CFM@ 100 PSI	DEL'D CFM@ 100 PSI	LENGTH (inches)	WIDTH (inches)	HEIGHT (inches)	APPROX SHIPPING WT. (lb.)
HORIZONTAL	VERTICAL	HP	PHASE								
H15130K17		1.5	Single	30	1755	10.1	6.9	42	16	37	260
	V15130K17	1.5	Single	30	1755	10.1	6.9	24	16	59	235
H15160K17		1.5	Single	60	1755	10.1	6.9	52	20	41	285
	V15160K17	1.5	Single	60	1755	10.1	6.9	24	20	69	265
H2130K17		2	Single	30	1740	12.5	8.4	42	16	37	260
	V2130K17	2	Single	30	1740	12.5	8.4	24	16	59	235
H2160K17		2	Single	60	1740	12.5	8.4	52	20	41	285
	V2160K17	2	Single	60	1740	12.5	8.4	24	20	39	265

3 HP SINGLE-STAGE MODELS

MODEL				TANK CAPACITY (gallons)	MOTOR RPM	DISP CFM@ 100 PSI	DEL'D CFM@ 100 PSI	LENGTH (inches)	WIDTH (inches)	HEIGHT (inches)	APPROX SHIPPING WT. (lb.)
HORIZONTAL	VERTICAL	HP	PHASE								
H3130K18		3	Single	30	3450	13.8	11.9	42	16	38	260
	V3130K18	3	Single	30	3450	13.8	11.9	25	16	60	235
H3160K18		3	Single	60	3450	13.8	11.9	52	20	42	285
	V3160K18	3	Single	60	3450	13.8	11.9	24	20	70	265
H3330K18		3	Three	30	1740	13.8	11.9	42	16	38	260
	V3330K18	3	Three	30	1740	13.8	11.9	24	16	60	260
H3360K18		3	Three	60	1740	13.8	11.9	52	20	42	290
	V3360K18	3	Three	60	1740	13.8	11.9	24	20	70	290



3 HP TWO-STAGE MODELS

MODEL				TANK CAPACITY (gallons)	MOTOR RPM	DISP CFM@ 175 PSI	DEL'D CFM@ 1175 PS	LENGTH (inches)	WIDTH (inches)	HEIGHT (inches)	APPROX SHIPPING WT. (lb.)
HORIZONTAL	VERTICAL	HP	PHASE								
H3130K24		3	Single	30	3450	14.6	10.5	42	16	39	315
H3160K24		3	Single	60	3450	14.6	10.5	52	20	43	390
	V3160K24	3	Single	60	3450	14.6	10.5	30	20	71	380
H3180K24		3	Single	80	3450	14.6	10.5	67	20	43	450
	V3180K24	3	Single	80	3450	14.6	10.5	30	24	71	440
H3330K24		3	Three	30	1740	14.6	10.5	42	16	39	325
H3360K24		3	Three	60	1740	14.6	10.5	52	20	43	400
	V3360K24	3	Three	60	1740	14.6	10.5	30	20	71	390
H3380K24		3	Three	80	1740	14.6	10.5	67	20	43	450
	V3380K24	3	Three	80	1740	14.6	10.5	30	24	71	440

5 HP SINGLE AND TWO-STAGE MODELS

MODEL				TANK CAPACITY (gallons)	MOTOR RPM	DISP CFM@ 175 PSI	DEL'D CFM@ 175 PSI	LENGTH (inches)	WIDTH (inches)	HEIGHT (inches)	APPROX SHIPPING WT. (lb.)
HORIZONTAL	VERTICAL	HP	PHASE								
H5160K25X		5	Single	60	3450	14.6	10.7	52	20	45	385
	V5160K25X	5	Single	60	3450	14.6	10.7	30	20	73	375
H5180K25X		5	Single	80	3450	14.6	10.7	67	24	45	445
	V5180K25X	5	Single	80	3450	14.6	10.7	30	24	73	440
	V5160PT03X	5	Single	60	3450	21.1*	16.0*	24	20	70	298

*The pump used on this model is a Single-Stage Pump. The CFM is rated @ 100 PSI.



5 HP TWO-STAGE – INDUSTRIAL MODELS

MODEL				TANK CAPACITY (gallons)	MOTOR RPM	DISP CFM@ 175 PSI	DEL'D CFM@ 175 PSI	LENGTH (inches)	WIDTH (inches)	HEIGHT (inches)	APPROX SHIPPING WT. (lb.)
HORIZONTAL	VERTICAL	HP	PHASE								
H5160K28		5	Single	60	1740	20.6	15.3	52	20	47	414
	V5160K28	5	Single	60	1740	20.6	15.3	30	20	75	404
H5180K28		5	Single	80	1740	20.6	15.3	67	20	47	479
	V5180K28	5	Single	80	1740	20.6	15.3	30	24	75	469
H5112K28		5	Single	120	1740	20.6	15.3	72	24	51	649
	V5112K28	5	Single	120	1740	20.6	15.3	40	30	72	639
H5360K28		5	Three	60	1740	20.6	15.3	52	20	47	409
	V5360K28	5	Three	60	1740	20.6	15.3	30	20	75	399
H5380K28		5	Three	80	1740	20.6	15.3	67	20	47	474
	V5380K28	5	Three	80	1740	20.6	15.3	30	24	75	464
H5312K28		5	Three	120	1740	20.6	15.3	72	24	51	645
	V5312K28	5	Three	120	1740	20.6	15.3	40	30	72	635
H5160K30		5	Single	60	1740	23.1	18.0	52	20	49	435
	V5160K30	5	Single	60	1740	23.1	18.0	30	20	77	430
H5180K30		5	Single	80	1740	23.1	18.0	67	20	49	505
	V5180K30	5	Single	80	1740	23.1	18.0	30	24	77	495
H5112K30		5	Single	120	1740	23.1	18.0	72	24	53	675
	V5112K30	5	Single	120	1740	23.1	18.0	40	30	74	665
H5360K30		5	Three	60	1740	23.1	18.0	52	20	49	425
	V5360K30	5	Three	60	1740	23.1	18.0	30	20	77	420
H5380K30		5	Three	80	1740	23.1	18.0	67	20	49	520
	V5380K30	5	Three	80	1740	23.1	18.0	30	24	77	490
H5312K30		5	Three	120	1740	23.1	18.0	72	24	53	665
	V5312K30	5	Three	120	1740	23.1	18.0	40	30	74	660



ROLAIR | AIR COMPRESSORS



7.5 HP TWO-STAGE MODELS

MODEL				TANK CAPACITY (gallons)	MOTOR RPM	DISP CFM@ 175 PSI	DEL'D CFM@ 1175 PS	LENGTH (inches)	WIDTH (inches)	HEIGHT (inches)	APPROX SHIPPING WT. (lb.)
HORIZONTAL	VERTICAL	HP	PHASE								
H75160K30		7.5	Single	60	1740	32.3	24.8	52	20	49	512
	V75160K30	7.5	Single	60	1740	32.3	24.8	30	20	77	502
H75180K30		7.5	Single	80	1740	32.3	24.8	67	20	49	572
	V75180K30	7.5	Single	80	1740	32.3	24.8	30	24	77	562
H75112K30		7.5	Single	120	1740	32.3	24.8	72	24	53	682
	V75112K30	7.5	Single	120	1740	32.3	24.8	40	30	74	697
H75360K30		7.5	Three	60	1740	32.3	24.8	52	20	49	507
	V75360K30	7.5	Three	60	1740	32.3	24.8	30	20	77	497
H75380K30		7.5	Three	80	1740	32.3	24.8	67	20	49	567
	V75380K30	7.5	Three	80	1740	32.3	24.8	30	24	77	557
H75312K30		7.5	Three	120	1740	32.3	24.8	72	24	53	677
	V75312K30	7.5	Three	120	1740	32.3	24.8	40	30	74	692
H75160K50		7.5	Single	60	1740	30.4	23.7	52	26	52	580
	V75160K50	7.5	Single	60	1740	30.4	23.7	30	22	81	570
H75180K50		7.5	Single	80	1740	30.4	23.7	67	26	52	640
	V75180K50	7.5	Single	80	1740	30.4	23.7	30	26	80	630
H75112K50		7.5	Single	120	1740	30.4	23.7	72	30	56	750
	V75112K50	7.5	Single	120	1740	30.4	23.7	40	32	77	765
H75360K50		7.5	Three	60	1740	30.4	23.7	52	26	52	575
	V75360K50	7.5	Three	60	1740	30.4	23.7	30	22	81	575
H75380K50		7.5	Three	80	1740	30.4	23.7	67	26	52	665
	V75380K50	7.5	Three	80	1740	30.4	23.7	30	26	80	625
H75312K50		7.5	Three	120	1740	30.4	23.7	72	30	56	750
	V75312K50	7.5	Three	120	1740	30.4	23.7	40	32	77	760

10 HP TWO-STAGE MODELS

MODEL				TANK CAPACITY (gallons)	MOTOR RPM	DISP CFM@ 175 PSI	DEL'D CFM@ 1175 PS	LENGTH (inches)	WIDTH (inches)	HEIGHT (inches)	APPROX SHIPPING WT. (lb.)
HORIZONTAL	VERTICAL	HP	PHASE								
H10160K50		10	Single	60	1740	40.2	32.4	52	23	52	650
H10180K50		10	Single	80	1740	40.2	32.4	67	23	52	710
H10112K50		10	Single	120	1740	40.2	32.4	72	27	56	830
	V10112K50	10	Single	120	1740	40.2	32.4	40	28	77	820
H10360K50		10	Three	60	1740	40.2	32.4	52	23	52	635
H10380K50		10	Three	80	1740	40.2	32.4	67	23	52	695
H10312K50		10	Three	120	1740	40.2	32.4	72	27	56	815
	V10312K50	10	Three	120	1740	40.2	32.4	40	28	77	805
H10160K60		10	Single	60	1740	41.1	33.7	52	25	50	680
H10180K60		10	Single	80	1740	41.1	33.7	67	25	50	740

(CONTINUED) 10 HP TWO-STAGE MODELS

MODEL				TANK CAPACITY (gallons)	MOTOR RPM	DISP CFM@ 175 PSI	DEL'D CFM@ 175 PSI	LENGTH (inches)	WIDTH (inches)	HEIGHT (inches)	APPROX SHIPPING WT. (lb.)
HORIZONTAL	VERTICAL	HP	PHASE								
H10112K60		10	Single	120	1740	41.1	33.7	72	29	54	860
	V10112K60	10	Single	120	1740	41.1	33.7	40	30	75	850
H10360K60		10	Three	60	1740	41.1	33.7	52	25	50	665
H10380K60		10	Three	80	1740	41.1	33.7	67	25	50	725
H10312K60		10	Three	120	1740	41.1	33.7	72	29	54	895
	V10312K60	10	Three	120	1740	41.1	33.7	40	30	75	830

15 & 20 HP TWO-STAGE MODELS

MODEL				TANK CAPACITY (gallons)	MOTOR RPM	DISP CFM@ 175 PSI	DEL'D CFM@ 175 PSI	LENGTH (inches)	WIDTH (inches)	HEIGHT (inches)	APPROX SHIPPING WT. (lb.)
HORIZONTAL		HP	PHASE								
H15312K60		15	Three	120	1740	58.4	46.2	72	58	54	984
H15320K60		15	Three	200	1740	58.4	46.2	76	64	60	1284
H15312K100		15	Three	120	1740	60.7	47.3	72	30	58	1095
H15320K100		15	Three	200	1740	60.7	47.3	76	36	64	1395
H20312K100		20	Three	120	1740	75.8	58.4	72	23	58	1150
H20320K100		20	Three	200	1740	75.8	58.4	76	36	64	1450



GAS – SINGLE AND TWO-STAGE MODELS

MODEL	HONDA ENGINE RATING	TANK CAPACITY (gallons)	ELECTRIC START	DISP CFM@ 175 PSI	DEL'D CFM@ 1175 PSI	LENGTH (inches)	WIDTH (inches)	HEIGHT (inches)	APPROX SHIPPING WT. (lb.)
HORIZONTAL									
5GR30HK17	163 cc (GX160)	30	Optional	13.1*	8.7*	42	22	38	250
11GR30HK28	389 cc (GX340)	30	Standard	20.6	15.3	42	22	43	339
11GR30HK30	389 cc (GX340)	30	Standard	22.0	17.0	42	22	45	365
11GR60HK30	389 cc (GX340)	60	Standard	22.0	17.0	52	26	49	465
11GRBMHK30	389 cc (GX340)	Base Mount	Standard	22.0	17.0	38	20	29	285
13GR30HK30	389 cc (GX390)	30	Standard	29.5	23.0	42	22	48	367
13GR60HK30	389 cc (GX390)	60	Standard	29.5	23.0	52	26	52	495
13GRBMHK30	389 cc (GX390)	Base Mount	Standard	29.5	23.0	38	20	32	295
20GRBMHK60	688 cc (GX630)	Base Mount	Standard	41.0	33.7	53	29	32	435
20GR60HK60	688 cc (GX630)	60	Standard	41.0	33.7	64	30	50	585



ATLAS COPCO | FX AIR DRYERS



The simple solution for a costly problem

The FX range of refrigerant dryers offer a reliable, cost effective and simple solution. To avoid condensation and therefore all chance of corrosion and damage, the compressed air needs to be dried, which is exactly what the FX units are designed to do.

These simple reliable units remove water from the air and the risk from your system, ensuring that your money doesn't just disappear into the air!

FX REFRIGERANT DRYER RANGE 60 HZ

Model	Outlet pressure dewpoint 41 °F/+5 °C				Outlet pressure dewpoint 39 °F/+4 °C				Maximum working pressure		Electrical supply	Dimensions						Weight		Compr. air connections
	Inlet Capacity		Pressure Drop		Inlet Capacity		Pressure Drop					Length		Width		Height				
Type	l/s	cfm	bar	psi	l/s	cfm	bar	psi	bar	psi		mm	inch	mm	inch	mm	inch	kg	lb	
FX 1	7	14	0.20	2.88	6	13	0.15	2.18	13	189	115-230/1/60Hz	500	19.7	350	13.8	484	19.1	19	42	3/4" NPT
FX2	12	24	0.33	4.79	10	21	0.25	3.63	13	189	115-230/1/60Hz	500	19.7	350	13.8	484	19.1	19	42	3/4" NPT
FX3	16	35	0.33	4.79	14	30	0.25	3.63	13	189	115-230/1/60Hz	500	19.7	350	13.8	484	19.1	20	44	3/4" NPT
FX4	23	49	0.33	4.79	20	42	0.25	3.63	13	189	115-230/1/60Hz	500	19.7	350	13.8	484	19.1	25	55	3/4" NPT
FX5	35	74	0.40	5.75	30	64	0.30	4.35	13	189	115-230/1/60Hz	500	19.7	350	13.8	484	19.1	27	60	3/4" NPT
FX6	45	95	0.42	6.14	39	83	0.32	4.64	13	189	115-230/1/60Hz	500	19.7	370	14.6	804	31.7	51	112	1" NPT
FX7	58	122	0.50	7.29	50	106	0.38	5.51	13	189	115-230/1/60Hz	500	19.7	370	14.6	804	31.7	51	112	1" NPT
FX8	69	146	0.24	3.45	60	127	0.18	2.61	13	189	115-230/1/60Hz	560	22.0	460	18.1	829	32.6	61	135	1 1/2" NPT
FX9	79	167	0.33	4.79	68	144	0.25	3.63	13	189	115-230/1/60Hz	560	22.0	460	18.1	829	32.6	68	150	1 1/2" NPT
FX10	100	211	0.24	3.45	87	184	0.18	2.61	13	189	115-230/1/60Hz	560	22.0	460	18.1	829	32.6	73	161	1 1/2" NPT
FX11	125	264	0.26	3.84	108	229	0.20	2.90	13	189	230/1/60Hz	560	22.0	580	22.8	939	37.0	90	198	1 1/2" NPT
FX12	148	313	0.36	5.18	128	271	0.27	3.92	13	189	230/1/60Hz	560	22.0	580	22.8	939	37.0	90	198	1 1/2" NPT
FX13	192	407	0.26	3.77	167	354	0.20	2.90	13	232	460/3/60Hz	898	35.4	735	28.9	1002	36.4	173	381	2" NPT
FX14	230	488	0.33	4.79	200	424	0.25	3.63	13	232	460/3/60Hz	898	35.4	735	28.9	1002	36.4	178	392	2" NPT
FX15	288	611	0.46	6.67	250	530	0.35	5.08	13	232	460/3/60Hz	898	35.4	735	28.9	1002	36.4	183	404	2" NPT
FX16	345	731	0.46	6.67	300	636	0.35	5.08	13	232	460/3/60Hz	898	35.4	735	28.9	1002	36.4	183	404	2" NPT
FX17	424	899	0.28	4.07	400	848	0.25	3.63	13	189	460/3/60Hz	1082	42.6	1020	40.2	1560	61.4	325	717	3" NPT
FX18	530	1124	0.34	4.89	500	1060	0.30	4.35	13	189	460/3/60Hz	1082	42.6	1020	40.2	1560	61.4	335	739	3" NPT
FX19	618	1310	0.39	5.70	583	1236	0.35	5.08	13	189	460/3/60Hz	1082	42.6	1020	40.2	1560	61.4	350	772	3" NPT
FX19.5	795	1684	0.28	4.06	750	1589	0.25	3.62	13	189	460/3/60Hz	1123	44.2	1020	40.1	1560	61.4	380	837	Flanged ANSI 6"
FX20	883	1872	0.34	4.89	833	1766	0.30	4.35	13	189	460/3/60Hz	2099	82.6	1020	40.2	1560	61.4	550	1213	Flanged ANSI 6"
FX21	1187	2516	0.28	4.07	1120	2374	0.25	3.63	13	189	460/3/60Hz	2099	82.6	1020	40.2	1560	61.4	600	1323	Flanged ANSI 6"

Model	39°F PDP SCFM	50°F PDP SCFM	OPERATING KW	CONNECTION Size	PRE-FILTER	AFTER-FILTER	L x W x H inches	SHIP WT lb.
FXHT-1	20	25	0.44	0.5" NPT	DD-17	PD-17	18 x 19 x 18	85
FXHT-2	40	50	0.77	0.5" NPT	DD-32	PD-32	18 x 19 x 18	128
FXHT-3	60	75	0.85	1" NPT	DD-32	PD-32	28 x 18 x 40	183
FXHT-4	80	100	1.20	1" NPT	DD-44	PD-44	28 x 18 x 40	194
FXHT-5	100	125	1.25	1" NPT	DD-50	PD-50	28 x 18 x 40	200



GP1800

GP1800 control panel includes:

- (2) 120V Outlets
- Circuit breakers
- On/off switch



GP3250

GP3250 control panel includes:

- (2) 120V Outlets
- (1) 120/240 Twistlock outlet
- Circuit breakers
- On/off switch

Compact and Affordable Portable Power

When you need to take your power with you, these compact generators are the perfect answer. The GP1800 and GP3250 models offer an affordable solution for recreation applications and are sized just right for tailgating, camping and power tool use.

WHAT'S INCLUDED

- Wheel Kit (GP3250)
- Handle Kit (GP3250)
- Engine Oil
- Quick Start Guide



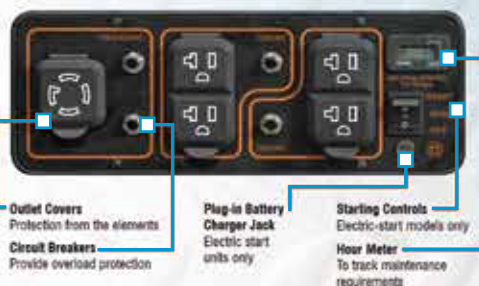
GP5500-GP7500E

WHAT'S INCLUDED

- Wheel Kit
- Handle Kit
- Engine Oil
- Quick Start Guide
- Starting Battery (Electric start models)

Reliable Portable Power for Every Use

Power the fun stuff or cover an emergency. Affordable reliability and features not usually found on basic portable models make these a favorite for home emergency use, camping, job sites or outdoor events. Some models are available with electric start.



GP15000E-GP17500E

WHAT'S INCLUDED

- Wheel Kit
- Handle Kit
- Engine Oil
- Quick Start Guide
- Starting Battery
- Maintenance Kit

The Most Powerful Portable Generators Available

Power outages usually occur without warning. Ideally, a homeowner is prepared with an automatic home standby generator installed and always ready to go. However, if a portable generator is the only option for backup power during an emergency, the GP Series 15000 and 17500 Watt units are the ultimate option, with enough power to run up to a 5-ton air conditioner and more. Also an ideal choice for job sites with high power requirements. These models feature Generac's OHVI® engine, for extended run times and longer life.

Control Panel Features



Hour Meter

To track maintenance requirements

Idle Control

To conserve fuel and reduce noise

12Vdc Outlet

To charge automotive style batteries

Circuit Breakers

Provide overload protection

Variety of Outlets

For multiple charging possibilities

Generac OHVI® Engine

The only engine designed specifically for generator use.

Why is this important? Generators are often required to run for hours at a time, day after day. Generac's OHVI engine utilizes the same type of pressurized oil lubrication used to give automobile engines long and trouble free lives. Our engine has a significantly longer life than many competitive engines - an unprecedented three to four times longer. That's the reliability you need for the long run times emergency backup can require.



WINCO | WL18000VE PORTABLE GENERATOR

WINCO WL18000VE PORTABLE GAS GENERATOR



MODEL	WL18000VE
ELECTRICAL SPECIFICATIONS	
MAXIMUM POWER RATING	18000 Watts
CONTINUOUS POWER RATING	15000 Watts
A.C. OUTPUT VOLTAGE	120/240 Volts
CONTINUOUS CURRENT RATING	125/62.5 Amps
MOTOR STARTING ABILITY ⁽¹⁾	6 HP
GENERATOR TYPE ⁽²⁾	R.F.L.
ENGINE DATA	
MAKE/MODEL	B&S Vanguard
DISPLACEMENT/TYPE	895 CC/OHV
LOW OIL PROTECTION	Standard
STARTING SYSTEM ⁽³⁾	Electric
FUEL TANK CAPACITY	15 Gallons
RUNNING TIME-FULL LOAD	7 hours
HOUR METER	Standard
120 VOLT RECEPTACLES	
STRAIGHT BLADE (NEMA 5-20R)	6-20 Amp GFCI
TWIST LOCK (NEMA L5-20)	1-20 Amp GFCI
240 VOLT RECEPTACLES	
TWIST LOCK (NEMA L6-30R)	1-30 Amp
120/240 VOLT RECEPTACLES	
STRAIGHT BLADE (NEMA 14-60R)	1-60 Amp
SIZE & WEIGHT	
DIMENSIONS (LxWxH)	40 x 27 x 26.7 in.
SHIPPING WEIGHT	489 lbs
WARRANTY INFORMATION ⁽⁴⁾	
GENERATOR/ENGINE	2 yrs/3 yrs
CARB APPROVED	Yes

YOU CAN ADD THIS ALL-TERRAIN 4-WHEEL DOLLY KIT TO YOUR WINCO WL18000VE GENERATOR

The Winco 4-wheel dolly kit gives your generator excellent mobility on the ground without any lifting. The 10" flat free tires get you through mud, snow, sand and soggy lawns. Both solid steel axles run the entire width of the generator providing superior strength. All components are protected from corrosion with our durable baked on powder coat paint system.



Notes: (1) Code G capacitor start motor. (2) R.F.B. is a Rotating Field Brush design, R.F.L. is a Rotating Field Brushless design (capacitor excitation) and R.A.B. is a Rotating Armature Brush type generator. (3) Electric start models include battery rack and cables; battery not included. (4) Engine warranty administered by engine manufacturer. Contact your local Briggs & Stratton or Honda engine service center for warranty assistance.

WINCO Inc. continually improves its products and reserves the right to change designs, materials and/or specifications without notice and without incurring any obligations to make such changes or improvements on products previously purchased.

WINPOWER POWR-PAK HEAVY DUTY GENERATOR

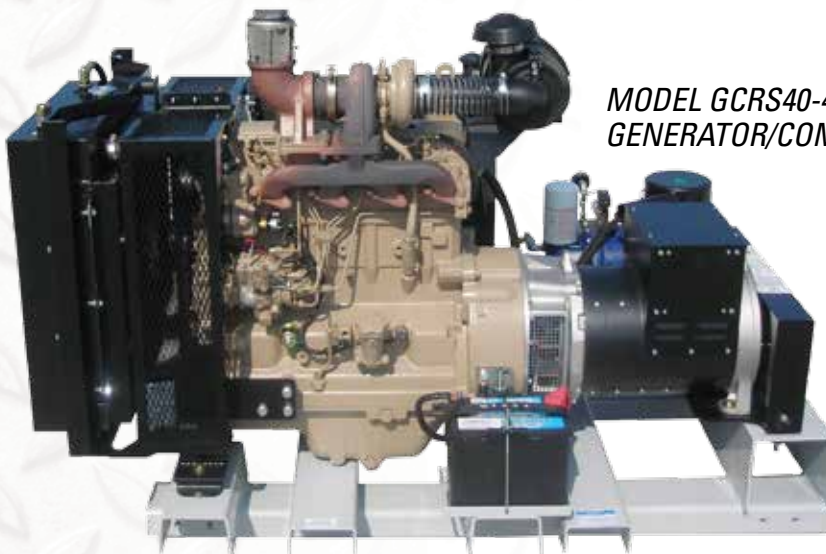


WINPOWER has set the standard for quality in the industrial and agricultural world since 1925. The POWR-PAK 'DE' design is perfect for installations in spray rigs or anywhere where space is limited. Winpower has a strong national service network along with a vast number of generator options under its parent company, WINCO Inc.

MODEL	DE20I4	DE30I4	DE45I4	DE65I4
STANDBY RATING	*20kW @ 1250	*30kW @ 1050	*45kW @ 1050	*60kW @ 1250/62kW @ 150°
PRIME POWER RATING	*18kW @ 1050	*27kW @ 1050	*40kW @ 1050	*58kW @ 1250
ENGINE DATA				
MAKE	ISUZU	ISUZU	FPT	FPT
MODEL	2.2 L 4LE1	2.2 L 4LE1 T	4.5 L N45 SM1 T	4.5 L N45SM2 T
GROSS HP	36	46.9	65	94
CYLINDERS	4	4	4	4
EPA	TIER IVi	TIER IVi	TIER III	TIER III
ALTERNATOR DATA				
TYPE	4 POLE REVOLVING FIELD	4 POLE REVOLVING FIELD	4 POLE REVOLVING FIELD	4 POLE REVOLVING FIELD
SPEED	1800 RPM	1800 RPM	1800 RPM	1800 RPM
INSULATION	CLASS H	CLASS H	CLASS H	CLASS H
THD	<5%	<5%	<5%	<5%
VOLTAGE REGULATION	1.50%	1.50%	1.50%	1.50%
FUEL CONSUMPTION				
100% LOAD	1.8 GAL/HR	2.6 GAL/HR	4.09 GAL/HR	4.57 GAL/HR
50% LOAD	0.9 GAL/HR	1.5 GAL/HR	2.16 GAL/HR	2.38 GAL/HR
WARRANTY				
ENGINE	1 YR/UNLIMITED HRS	1 YR/UNLIMITED HRS	1 YR/UNLIMITED HRS	1 YR/UNLIMITED HRS
UNIT	1 YR/1000 HRS	1 YR/1000 HRS	1 YR/1000 HRS	1 YR/1000 HRS

**kW ratings for three phase units only. Specifications subject to change; please consult specification sheets for actual unit ratings.*

MORSE GCRS40-40 DIESEL GENERATOR / COMPRESSOR PACKAGE COMPLIANT WITH EPA TIER 3 EMISSIONS



*MODEL GCRS40-40 DIESEL
GENERATOR/COMPRESSOR*

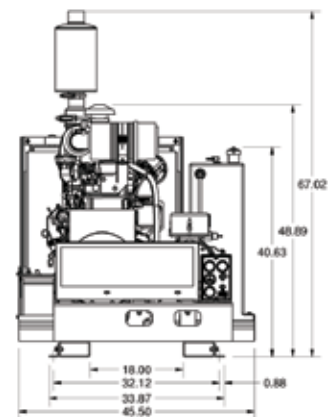
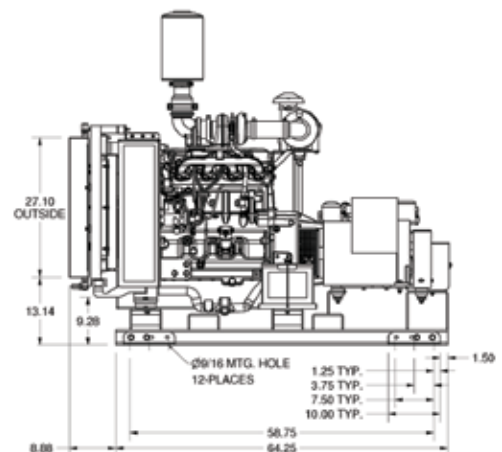
MODEL

GCRS40-40

- MODEL 4045 4-cylinder John Deere turbo charged diesel engine rated at 85 HP
- High temperature coolant shutdown
- Low oil pressure shutdown
- Totally enclosed engine and generator/compressor drive sections
- Adjustable location starter panel with analog gauges
- Cooler exhaust plenum transition for ease of ducting unwanted heat
- Powder coated reinforced steel frame with adjustable foot mounting locations
- Engine meets 2013 EPA Flex/Transition Tier 3 Emission Standards. Legal for Sale in all 50 U.S. States and Canada.
- Fullshift polypropylene fuel tank
- 40 kw generator 220 volt rated at 134 amps three phase & 141 amps single phase
- Remote mount volt/amp/hertz panel (wiring and external disconnect required)
- 2 year-2000 hr engine warranty covered directly by John Deere
- 1 year warranty on all other components

OPTIONAL ROTARY SCREW AIR COMPRESSOR PACKAGE

- Air Compressor mounted in tandem with Generator factory set at 40 CFM at 125 psi
- *Optional 60 CFM at 125 psi
- Belt drive with adjustable tensioner
- Compressor filled with ATF 3 Transmission fluid rated for 500 hr change interval
- Air cooled oil cooler with high temperature shutdown



WEIGHT GCRS40-40: 2200 lbs

STATELINE SJ-30 GENERATOR



STANDARD GENERATOR SET FEATURES

- John Deere Diesel Engine Model 4024TF281
- AC, Single bearing direct coupled alternator with class 'H' insulation, sized for 130°C temperature rise.
- Engine and alternator mounted on vibration isolators.
- Radiator sized for 120°F ambient temperature.
- Thermostat controlled jacket water heater.
- High coolant temp., Low oil pressure safety shutdowns.
- Dry type air cleaner.
- 12-VDC starter, engine mounted battery charging alternator, battery cables and rack along with grounding strap.
- Microprocessor based control panel w/ metering, alarms, shut down, under / over frequency & voltage protection

OPTIONAL EQUIPMENT

- Weather protective enclosure constructed of marine grade aluminum 0.125 thickness, SS hardware powder coat paint finish on both sides. Sound insulation resistant to high temperatures, fuel and oil. Hinged, removable, keyed alike doors. Residential rated interior mounted exhaust silencer. Vertical radiator and exhaust discharge oil & coolant drain lines with brass check valves.
- Mainline circuit breaker.
- Automatic transfer switch
- Automatic battery chargers 6 or 10 amps
- Low coolant level switch
- Digital or analog control panels.
- Single wall tanks
- Double Wall UL 142 fuel tanks
- Water separator fuel filter
- Space heater
- Permanent Magnet Generator (PMG) with voltage regulator upgrade
- Generator drip covers
- 17 Light remote annunciator panel
- 120V Receptacle for battery charger and / or coolant heater.
- D.O.T trailers, single or dual axle with brakes, camlocks, toolbox, spare tire.
- Enviro - friendly custom color options
- UL2200 available on most models.

GENERATOR RATINGS @ 1800 RPM

Voltage	Ph	HZ	Standby Output kW (kVA)	Prime Output kW (kVA)	Standby Max Amp Output	Number of Wires
120/240	1	60	30 (30)	27 (27)	125	12
120/208	3	60	30 (37)	27 (34)	104	12
120/240	3	60	30 (37)	27 (34)	90	12
277/480	3	60	30 (37)	27 (34)	45	12

ENGINE SPECIFICATIONS

Model: John Deere Diesel Engine 4024TF281

- Maximum power– 48 bhp / 36 kWm @ 1800 rpm
- Cubic capacity– 149 in³ / 2.4 L
- Bore & stroke– 3.4" x 4.1" (86mm x 105mm)
- Turbocharged, 4 cylinder vertical in-line, 4 stroke direct injection
- Governor type– Mechanical
- Frequency regulation: Isochronous, steady-state

Fluids:

- Oil capacity total system - 8.2 quarts (8.7 liters)
- Coolant capacity w/ radiator - 3.0 gallon (11.4 liters)

Fuel Consumption US gallon / hr @ 1800 rpm

- 50% load - 1.5
- 75% load - 2.2
- 100% load - 3

General:

- Oil filter - Spin-on type
- Air filter– Dry element type
- Electrical system: 12v starter, 65 amps alternator DC output
- Minimum recommended battery size: 750 CCA

Fuel type:

- BS 2869: Part 2 1998 Class A2 or ASTM D975 D2

ALTERNATOR SPECIFICATIONS

Marathon Electric:

- Brushless, 4 pole rotating field,
- Voltage regulation: + / - 1%, Volts/Hertz, electronic, EMI filtered
- Class insulation: 'H' to NEMA MG-1-1.66
- Rated temperature standby: 130 C° rise / 40 C° ambient
- Coupling: SAE adapter, flexible disc, direct.
- Load acceptance: One step, 100% per NFPA 110

Features:

- Self ventilated drip-proof construction. Superior voltage waveform achieved by a 2/3 pitch and skewed rotor.
- Vacuum-impregnated windings with fungus-resistant epoxy for dependability and long-life.
- Compliance with NEMA, IEEE and ANSI standards for temp. rise.
- Sustained short-circuit capability enabling down-line circuit breakers to trip without collapsing the generator field.
- No load to full-load regulation of +/- 2%.



CONTROL PANEL SPECIFICATIONS

DSE 703

Microprocessor based, With Volt meter, Amp meter, and Hour meter. Three cycle cranking and all the engine shut downs.

Operational features

Can be upgraded to Basler 2020

CONTROL PANEL SPECIFICATIONS

INCHES: 75 L x 32 W x 49 H w/ Deluxe Enclosure

Only Less Fuel Tank

Estimated Overall Dry Weight lb.: 1740 Less Fuel Tank

STATELINE SJ-60 GENERATOR



STANDARD GENERATOR SET FEATURES

- John Deere Diesel Engine Model 4045TF280
- AC, Single bearing direct coupled alternator with class 'H' insulation, sized for 130°C temperature rise.
- Engine and alternator mounted on vibration isolators.
- Radiator sized for 120°F ambient temperature.
- Thermostat controlled jacket water heater
- High coolant temp., Low oil pressure safety shutdowns.
- Dry type air cleaner.
- 12-VDC starter, engine mounted battery charging alternator, battery cables and rack along with grounding strap.
- Microprocessor based control panel w/ metering, alarms, shut down, under / over frequency & voltage protection.

OPTIONAL EQUIPMENT

- Weather protective enclosure constructed of marine grade aluminum 0.125 thickness, SS hardware powder coat paint finish on both sides. Sound insulation resistant to high temperatures, fuel and oil. Hinged, removable, keyed alike doors. Residential rated interior mounted exhaust silencer. Vertical radiator and exhaust discharge oil & coolant drain lines with brass check valves.
- Mainline circuit breaker.
- Digital or analog control panels.
- Automatic transfer switch
- Automatic battery chargers 6 or 10 amps
- Low coolant level switch
- Single wall tanks
- Double Wall UL 142 fuel tanks
- Water separator fuel filter
- Space heater
- Permanent Magnet Generator (PMG) with voltage regulator upgrade
- Generator drip covers
- 17 Light remote Annunciator panel
- 120V Receptacle for battery charger and / or coolant heater.
- D.O.T trailers, single or dual axle with brakes, camlocks, toolbox and spare tire.
- Enviro - friendly custom color options
- UL 2200 available in most models.

GENERATOR RATINGS @ 1800 RPM

Voltage	Ph	HZ	Standby Output kW (kVA)	Prime Output kW (kVA)	Standby Max Amp Output	Number of Wires
120/240	1	60	60 (60)	54 (54)	250	12
120/208	3	60	60 (75)	54 (67)	208	12
120/240	3	60	60 (75)	54 (67)	180	12
277/480	3	60	60 (75)	54 (67)	90	12

ENGINE SPECIFICATIONS

Model: John Deere Diesel Engine 4045TF280

- Maximum power– 99 bhp @ 1800 rpm
- Cubic capacity– 275 in³ / 4.5 L
- Bore & stroke– 4.19" x 5.00" (106mm x 127mm)
- Turbocharged, 4 cylinder vertical in-line, 4 stroke direct injection
- Governor type– Mechanical Frequency regulation:
- Fluids: Oil capacity total system - 11.9 quarts (11.4 liters)
- Coolant capacity w/ radiator - 2.9 gallons (11.0 liters)

Fuel Consumption US gallon / hr @ 1800 rpm

- 50% load - 2.4
- 75% load - 3.5
- 100% load - 4.6

General:

- Oil filter - Spin-on type
- Air filter– Dry element type
- Electrical system: 12v starter, 65 amps alternator DC output
- Minimum recommended battery size: 640 CCA

Fuel type:

- BS 2869: Part 2 1998 Class A2 or ASTM D975 D2

ALTERNATOR SPECIFICATIONS

Marathon Electric:

- Brushless, 4 pole rotating field,
- Voltage regulation: + / - 1%, Volts/Hertz, electronic, EMI filtered
- Class insulation: 'H' to NEMA MG-1-1.66
- Rated temperature standby: 130 C° rise / 40 C° ambient
- Coupling: SAE adapter, flexible disc, direct.
- Load acceptance: One step, 100% per NFPA 110

Features:

- Self ventilated drip-proof construction. Superior voltage waveform achieved by a 2/3 pitch and skewed rotor.
- Vacuum-impregnated windings with fungus-resistant epoxy for dependability and long-life.
- Compliance with NEMA, IEEE and ANSI standards for temp. rise.
- Sustained short-circuit capability enabling down-line circuit breakers to trip without collapsing the generator field.
- No load to full-load regulation of +/- 2%.



CONTROL PANEL SPECIFICATIONS

DSE 703

Microprocessor based, With Volt meter, Amp meter, and Hour meter. Three cycle cranking and all the engine shut downs.

Operational features

Can be upgraded to Basler 2020

CONTROL PANEL SPECIFICATIONS

INCHES: 84 L x 36 W x 57 H w Open/Standard Enclosed Unit Less Fuel Tank.

Estimated Overall Dry Weight lb.: 2250 Less Fuel Tank

FIBER BLOWING MACHINES



Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethane



Krendl GV180 18HP Gas Vacuum w/ 4" Hose Insulation Removal Tool Complete Package

INCLUDED IN PACKAGE

- (1) GV180 Gas Vacuum
- (1) H430 6" Flexhaust Hose x 25'
- (1) 371P 6" x 4 Plastic Reducer
- (2) H330 4" Flexhaust Hose x 50'
- (1) 381 4" Steel Connector Tube
- (3) 340 4" Hose Clamps
- (4) 341 6" Hose Clamps

Known for durability and high production our vacuum is designed with a steel fan and chamber, powered by a rugged Briggs and Stratton 18HP gas engine. This vacuum is designed for removing all types of blown insulation and for recycling wet spray.

PRODUCT DESCRIPTION

Fan Size: Large Steel
Fan Diameter: 18" (46cm)
Pressure: 25" W.C.
Dimensions: 36" long X 28" wide X 48" high
Weight: 240 lbs. (109 kg.)
Motor: 18hp/3400rpm (no load)
Capable of moving 7000 lbs. of Cellulose per hour

The gas vacuum draws in recycle material from the job site and delivers it directly into a secondary machine. The vacuum was designed for fiber use only. Use with stones, nails, and other debris may place premature wear on fan blades.

ITEM# SFS4GV180

Krendl GV180 18HP Gas Vacuum w/ 6" Hose Insulation Removal Tool Complete Package

INCLUDED IN PACKAGE

- (1) GV180 Gas Vacuum
- (5) H430 6" Flexhaust Hose x 25'
- (3) VH550-5 6" Steel Connector Tube
- (9) 341 6" Hose Clamps

Known for durability and high production our vacuum is designed with a steel fan and chamber, powered by a rugged Briggs and Stratton 18HP gas engine. This vacuum is designed for removing all types of blown insulation and for recycling wet spray.

PRODUCT DESCRIPTION

Fan Size: Large Steel
Fan Diameter: 18" (46cm)
Pressure: 25" W.C.
Dimensions: 36" long X 28" wide X 48" high
Weight: 240 lbs. (109 kg.)
Motor: 18hp/3400rpm (no load)
Capable of moving 7000 lbs. of Cellulose per hour

The gas vacuum draws in recycle material from the job site and delivers it directly into a secondary machine. The vacuum was designed for fiber use only. Use with stones, nails, and other debris may place premature wear on fan blades.

ITEM# SFS6GV180





Krendl GV230 23HP Gas Vacuum w/ 4" Hose Insulation Removal Tool Complete Package

INCLUDED IN PACKAGE

- (1) GV230 Gas Vacuum
- (1) H430 6" Flexhaust Hose x 25'
- (1) 371P 6" x 4 Plastic Reducer
- (2) H330 4" Flexhaust Hose x 50'
- (1) 381 4" Steel Connector Tube
- (3) 340 4" Hose Clamps
- (4) 341 6" Hose Clamps

The GV230 belt driven gas vacuum is designed with a steel fan and chamber, powered by a rugged Briggs and Stratton V-Twin 23HP gas engine. This vacuum is intended for removing all types of blown insulation and for recycling wet spray.

PRODUCT DESCRIPTION

Fan Size: Large Steel
Fan Diameter: 18" (46cm)
Dimensions: 40" long X 29 1/2" wide X 48" high
Weight: 331 lbs. (150 kg.)
Motor: 23hp/3600rpm (no load)
Capable of moving 9000 lbs. of Cellulose per hour

The gas vacuum draws in recycle material from the job site and delivers it directly into a secondary machine. The vacuum was designed for fiber use only. Use with stones, nails, and other debris may place premature wear on fan blades.

ITEM# SFS4GV230

Krendl GV230 23HP Gas Vacuum w/ 6" Hose Insulation Removal Tool Complete Package

INCLUDED IN PACKAGE

- (1) GV230 Gas Vacuum
- (5) H430 6" Flexhaust Hose x 25'
- (3) VH550-5 6" Steel Connector Tube
- (9) 341 6" Hose Clamps

The GV230 belt driven gas vacuum is designed with a steel fan and chamber, powered by a rugged Briggs and Stratton V-Twin 23HP gas engine. This vacuum is intended for removing all types of blown insulation and for recycling wet spray.

PRODUCT DESCRIPTION

Fan Size: Large Steel
Fan Diameter: 18" (46cm)
Dimensions: 40" long X 29 1/2" wide X 48" high
Weight: 331 lbs. (150 kg.)
Motor: 23hp/3600rpm (no load)
Capable of moving 9000 lbs. of Cellulose per hour

The gas vacuum draws in recycle material from the job site and delivers it directly into a secondary machine. The vacuum was designed for fiber use only. Use with stones, nails, and other debris may place premature wear on fan blades.

ITEM# SFS6GV230



Krendl 425 All Fiber Blowing Insulation Machine Complete Package 2.5" Hose

INCLUDED IN PACKAGE

- (1) 425-B #425 14 Amp Insulation Blower
- (2) H318 2.5" Flexhaust Hose x 50'
- (1) 379 2.5" Steel Connector Tube
- (3) 339 2.5" Hose Clamps

PRODUCT DESCRIPTION:

Weight: 220 lbs. (100 kg.)

Dimensions: 36"W X 21"D X 44"H
(91cm. W X 53cm. D X 112cm. H)

Power Requirements: double input, 15amps each/120volt/60hz w/ 14amp blower single input, 15amp/120volt/60hz w/ 8amp blower

Hopper Capacity: 7 cu. ft./ .20m³

Airlock: 14" x 8" diameter (35.6cm. x 20.3cm. diameter) 2 1/2" (6.4cm.) outlet for blowing hose

Blowers Sizes: 8 amp/2-stage (120volt)
14 amp/2-stage (120volt)

MATERIAL PRODUCTION RATE:

Material	w/single 8amp 2-stage blower		w/single 14amp 2-stage blower	
	lbs/hr	kg/hr	lbs/hr	kg/hr
Cellulose	1100	499	1200	545
Mineral Fiber	600	272	800	363
Fiberglass	200	91	300	136

Product density and variable blowing conditions will affect production rate. One 2-stage, 14 amp blower recommended for maximum performance.

The 425 is a proven leader in the do-it-yourself rental market. Designed for low maintenance, rugged performance and portability, the 425 provides a large hopper capacity with user friendly controls.

ITEM# SFS425



Krendl 475 All Fiber Blowing Insulation Machine Complete Package 3" Hose

INCLUDED IN PACKAGE

- (1) 0475DL #475 Insulation Blower (2) 120V Input
- (3) H319 3" Flexhaust Hose x 50'
- (2) 380 3" Steel Connector Tube
- (5) 339A 3" Hose Clamps

PRODUCT DESCRIPTION:

Weight: 322 lbs. (146 kg.)

Dimensions: 42 1/2"W X 29"D X 62"H (108cm. W X 74cm. D X 157cm. H)

Power Requirements: Double input, 15amps each/120volt/60hz

Hopper Capacity: 12.5 cu. ft./ .35m³

Airlock: 12" x 10" diameter (30.5cm. x 25.4cm. diameter) 3" (7.6cm.) outlet for blowing hose

Blowers Sizes: Single 14amp/2-stage (120volt) **New Blower System** Provides Airflow and Volume of a Double Blower System. 140 CFM @ 3 1/2 PSI

MATERIAL PRODUCTION RATE:

Material	*lbs/hr (kg/hr) rating with 150ft. (45.8m.) of 3" (7.6cm.) hose at 16ft. (4.8m.) elevation Product density and variable blowing conditions will affect production rate.	
	lbs/hr	kg/hr
Cellulose	2100	952
Fiberglass	700	317



Krendl 575 All Fiber Blowing Insulation Machine Complete Package 3" Hose

INCLUDED IN PACKAGE

- (1) 0575-B # 575 Insulation Blower - (1) 240V Input
- (3) H319 3" Flexhose x 50'
- (2) 380 Steel 3" Connector Tubes
- (5) 339A 3" Hose Clamps

PRODUCT DESCRIPTION:

Weight: 380 lbs. (172 kg.)

Dimensions: 40 1/2"W x 31 1/2"D x 62"H
103 cm x 80 cm x 157 cm

Power Requirements: Double input, 30/15amps each/120volt/60hz Single input, 30 amp 240volt/60hz

Hopper Capacity: 14 cu. ft. (.39 m3) Loading made easy with built in convertible tray

Airlock: 14" x 10" diameter (30.5cm. x 25.4cm. diameter) 3" (7.6cm.) Outlet

Blowers Sizes: 14 amp/2-stage (120volt) Double Blower System yields 140 CFM @ 3 1/2 PSI per blower

MATERIAL PRODUCTION RATE:

Material	*lbs/hr (kg/hr) rating with 150ft. (45.8m.) of 3" (7.6cm.) hose at 16ft. (4.8m.) elevation	
	lbs/hr	kg/hr
Cellulose	2600-2800	1179-1270
Fiberglass	800-1000	363-454
Mineral Fiber	2500-2700	1134-1225

Product density and variable blowing conditions will affect production rate.

The 575 all-fiber unit is an economical machine for the professional contractor. Designed for low maintenance and high production, the 575 provides a large easy loading hopper while offering simple rugged performance.

ITEM# SFS575



The 475 all-fiber unit is an economical machine for the professional contractor or do-it-yourself rental market. Designed for low maintenance and high production, the 475 provides a large, easy loading hopper while offering simple rugged performance.

ITEM# SFS475

SAFETY AND SUPPLIES



Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethane

FLIR EX-SERIES

FLIR Ex-Series cameras are point-and-shoot thermal imaging cameras that give you access to a new dimension in inspection capability. A FLIR Ex-Series camera is an affordable replacement for a spot pyrometer. It provides a thermal image with temperature information on every pixel. The combined image storage of the new MSX[®], thermal and visual formats make the cameras incomparably easy to use.



FLIR E4 IR Camera
w/MSX 80 x 60
Resolution/9Hz
FLIRE4



FLIR E5 IR Camera
w/MSX 120 x 90
Resolution/9Hz
FLIRE5



FLIR E6 IR Camera
w/MSX 160 x 120
Resolution/9Hz
FLIRE6



FLIR E8 IR Camera
w/MSX 320 x 240
Resolution/9Hz
FLIRE8

FLIR EXX-SERIES

The new user interface and new keypad make the new FLIR Exx-Series even more user-friendly than before. New features, such as MSX[®] and auto orientation, together with the Wi-Fi and MeterLink connectivity, ensure that the FLIR Exx-Series is the best in its class.

The cameras are ideal for predictive maintenance and planned inspections of electrical and mechanical systems to ensure they operate at maximum efficiency and safety with minimal energy consumption.



FLIR E40 IR Camera
w/MSX 160 x 120
Resolution/60Hz
FLIREE40



FLIR E50 IR Camera
w/MSX 240 x 180
Resolution/60Hz
FLIREE50



FLIR E60 IR Camera
w/MSX 320 x 240
Resolution/60Hz
FLIREE60

FLIR ONE SERIES

Turn your Iphone 5/5s into a Thermal Imaging Camera! See the world in a new light, even when there's no light at all. Flir One is lightweight, easy to connect and easy to use. You'll explore the world around you in ways you never thought possible, with no additional cords, cases, devices or screens necessary. Pop it onto your iPhone5 or 5s, and take it with you wherever you go. A new world of vision in the palm of your hand.

FLIR1



MOISTURE METERS

MOISTURE METERS

Moisture Meters sense, measure and display the moisture content of wood and other building products. Materials such as sheet rock, wall board, mortar, concrete, plaster, cardboard and other can be tested for moisture.



Pinless Moisture
Meter
MO280



Pinless Moisture Meters
+ IR Thermometer
MO290

THERMOMETERS

IR THERMOMETERS

Infrared or 'IR' Thermometer can remotely sense the temperature of a surface and display that temperature digitally. IR Thermometers are extremely fast and can measure moving objects from a safe distance making them convenient and safe.



Dual Laser
IR Thermometer
42512



Compact Laser
IR Thermometer
42510A



Pocket Laser
IR Thermometer
IR201

IMAGING IR THERMOMETERS

Find an unseen world of problems ordinary meters miss. Flir Bridged the gap between single spot IR thermometers and FLIR's legendary infrared cameras, with the TG165. This new Imaging IR Thermometer gives you the advantage of thermal imaging to help you discover temperature issues you can't see with typical spot radiometers.



TG165
IR Thermometer
TG165





GRACO INSITE™ REMOTE REPORTING TECHNOLOGY FOR REACTOR® PROPORTIONERS

Graco InSite can be purchased as an accessory kit and installed easily on existing electric and hydraulic Reactors. It works by transmitting your data using the local cellular network, where it is passed and stored in the cloud. You can then view the data on your smart phone, tablet or computer via the internet.

Data is transmitted to you in real time, making it possible to receive current information on jobsite performance. If no cell connection is available near the jobsite, the information is still collected and transmitted when a connection is established.

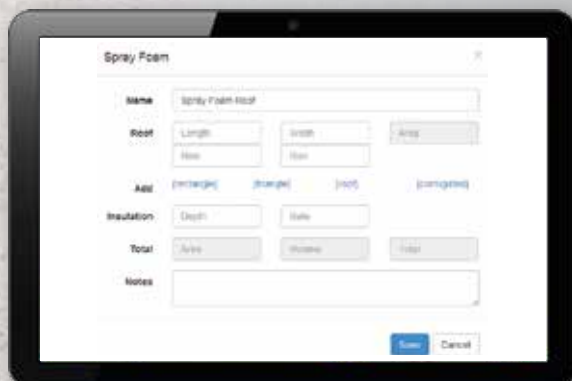
Item Number	Description	Compatible Reactors
24T278	Retrofit Kit	E-20, E-30, E-XP1, E-XP2, H-25, H-40, H-50, H-XP2, H-XP3
24T280	Retrofit Kit	Reactor 2 Models E-30, E-XP2
24T279	Retrofit Kit	First Generation Integrated Reactor Models E-30i, E-XP2i
16X521	Extension Cable 25'	All Models

Graco InSite is a collaboration between Graco and 2-Track Solutions, LLC, an established leader in web-based vehicle intelligence and asset tracking. The partnership combines expertise in equipment, hardware, software development, data storage and cellular technology. Graco InSite is a subscription-based service; your subscription can be paid monthly or annually.



Think Simple.

The SFS ProAPP simplifies your SPF business by integrating SPF formulas and calculations into business class Estimating Software.



Stay Productive.

The SFS ProAPP has CRM software upgrades available that allow you to stay productive by tracking leads from A - Z and making sure your staff is following up promptly to potential clients.

Be Efficient.

The SFS ProAPP integrates your SPF into the tech world we live in today. Print or Email and Estimate, attached with measurements, photos, and calculations instantly.

DRUM PLUG WRENCH

Material Bronze Alloy,
Fits Hexagonal Or Square Plugs,
Male Or Female Type Bungs

Part Number **3AY710** Size: Overall Length 9 in.

**MILWAUKEE FOAM SAW**

The FOAMZALL includes the toughest Milwaukee® brand heavy-duty orbital Sawzall® around, which has a custom coupling to secure up to a 36" long serrated blade. The 13 Amp, 120 Vac saw has a 1 1/4" stroke and can provide up to 3,000 strokes per minute. Carry case is included.

SFS517 Milwaukee Foam Saw

SFS518 Open Cell Blade 36"
Used for Trimming .5 LB Open Cell Spray Foam.

SFS002 Closed Cell Blade 30"
Used for Trimming 2lb Closed Cell Spray Foam

SFS003 36" Foam Saw Blade with Handle

**SFS PROCUTTER FOAM TRIMMING SAW**

SFS ProCutter is the only scarfer on the market that trims the full width of the head with no gaps which allows you to spray every bay on your walls and then trim them. ProCutter cleans corners leaving them ready for sheeting. The teeth are designed to cut the foam as fast as possible without doing any damage to the studs. Specs: Plugs Into Standard 120V Built in Safety Break Handle & Guards*1 Year Warranty **Open and Closed Cell Head Replacements Come In: 20.5" & 27.5" Widths

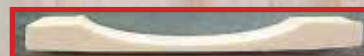
SFSOC20.5 20.5" Open Cell SFS ProCUTTER
SFSOC27.5 27.5" Open Cell SFS ProCUTTER
SFSCC20.5 20.5" Closed Cell SFS ProCUTTER
SFSCC27.5 27.5" Closed Cell SFS ProCUTTER

SFS6599 Closed Cell Replacement COBS for 20.5 HEAD
SFSOC27.5 Closed Cell Replacement COBS for 27.5 HEAD
SFSCC20.5 Open Cell Replacement COBS for 20.5 HEAD
SFSCC27.5 Open Cell Replacement COBS for 27.5 HEAD

CHANNEL MASTER

CHANNEL MASTER allows roofing contractors to quickly cut perfect drainage channels in SPF roofs. Weight: 45lbs. • Engine: 3.5 HP Briggs & Stratton
Blade: 100 tooth Carbide-Tip • Cut: Variable up to 10" wide x 1.5" deep

Part Number **SFSCM100**



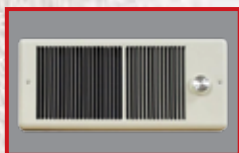
HEATING & COOLING PRODUCTS

**POWERBLANKET 55 GALLON DRUM HEATER**

Blankets work with both steel and poly containers. Full wrap-around design provides complete insulation and ensures equal heat distribution.

BH55RR (Preset Temperature)

BH55PRO (Thermostatic controller)

**TPI ELECTRIC FAN FORCED WALL HEATER**

1500W 120V 5120 btu Low Profile Fan Forced Wall Heater With Wall Box

E4315TRP

**CLIMATE CONTROL BRISK BAND HEATER**

Standard heavy duty metal drum heater. Fits 55-gallon drums with adjustable thermostat.

DSCH15

**ALLEGRO HEATER**

Designed for use with 9513 Axial Blower only. High output propane heater features solid state ignition, flame indication light and flow control. CEESI and CSA certified. 70,000 BTU • 15/110V • 20 lbs. Dimensions: 14.75"H x 12.75"W x 17.75"D

9513-50

**ALLEGRO PROPANE HEATER BLOWER**

One piece Axial Blower/Heater. Propane, requires only 45,000 BTUs of input to raise heat 125°. 120 VAC 4 Amps. CEESI and CSA certified.

AC MODEL

9513-75

**ALLEGRO THREE SPEED CARPET DRYER BLOWER**

Designed for speed drying of wet carpets, pads, floors and walls. Lightweight, plastic housing and stackable for convenient storage. The integrated carry handle allows for easy transport. Flat outlet allows blower to be directed under carpets. Squirrel Cage Fan. CFM: low speed 1780, medium speed 1837 high speed 1888.

9519-03 Three Speed

**DOMETIC BRISK II AIR CONDITIONING UNIT**

Dometic 13.5k 13500 BTU Brisk Air II 2 Conditioner uses its smart design, tighter specification allowances and improved materials to maximize air flow and performance. This newest RV A/C unit offers a 15% air flow increase and is 19% lighter than previous models, making it the smallest 13.5K rooftop unit available.

SFS110



WARNING SIGN

Warning Spray Foam Insulation In Progress

SFS564



EYESALINE EYE WASH STATION

Emergency Eye/Face Wash

SFSEWS



BRADLEY ON SITE PORTABLE 15 MINUTE EYE WASH STATION

A self contained eye wash station

SFSB75



KIDDE FIRE EXTINGUISHER

Disposable unit, For use on fires involving: Wood, Paper, textiles, Flammable Liquids & Electrical Equipment.

SFS202



CAUTION TAPE

Brightly colored tape used to warn a area or situation containing a possible hazzard.

SFSCTT



COMPACT LOCKOUT CENTER

Locates machine specific lockout devices and padlocks near lockout point.

SFSLTO



SAFETY PROCEDURE DATA

Outline of information and procedures for handling and working with chemicals.

SFSMSD



GLYCOL ETHER DPM

Glycol Ether DPM is a gun cleaning solvent used for cleaning polyurethane foam. Contractors soak their SPF guns with DPM to properly clean and maintain their equipment. Available in 1, 5 & 55 gallon containers.

SFSDPM-1 1 gallon
 SFSDPM-5 5 gallon
 SFSDPM-55 55 gallon



DYNASOLVE CU-6

Dynasolve CU-6 is a unique flushing and cleaning solvent for urethanes. Contractors praise it's ability to thoroughly clean SPF guns and equipment that may be filled with Polyurethane Foam. Dynasolve CU-6 is also known for leaving components lubed and oiled for less cleaning in the future. Available in 1, 5 & 55 gallon containers.

SFSCU6-1 1 gallon
 SFSCU6-5 5 gallon
 SFSCU6-55 55 gallon



DI-OCTYL PHTHALATE DOP

SFS DOP Plasticizer is used for pump maintenance and pump storage. DOP acts as a substitute for other types of throat seal liquids and plasticizers. Available in 1, 5 & 55 gallon containers.

SFSDOP-1 1 gallon
 SFSDOP-5 5 gallon
 SFSDOP-55 55 gallon



DK-817 CLEANER-LUBRICANT 16OZ CAN

For Use on Urethane Dispensing Equipment

SFS817



CHEMTREND PURA 10.25OZ CAN

Pura® Insulation Release is a blend of silicones and specialized parting agents that are specifically designed to prevent spray polyurethane foam insulation from adhering to most surfaces where the product is applied.

SFSPIR



HURON SILICONE MOLD RELEASE 10.5OZ

Excellent Mold Release for Polyurethane foam and elastomers, epoxies, composites, and other thermoset polymers. Can also be used for general lubrication.

SFSSMR



3M™ SILICONE LUBRICANT

A silicone base release agent for industrial lubrication applications.

0-00-21200-85822-2 Size 24 fl oz



SURE SHOT FLUSH POT

The Sure Shot Flush Pot 32oz. Sprayer with our 12" Flex-Wand. Just a couple of short shots of MILD gun cleaner removes and eliminates this mess. Our 12" Flex-Wand has a 1/4" NPT male pipe thread. Just add the Flush Block that came with your new Spray Foam Gun.

SFS758

TN CHILL BOX & ACCESSORIES



SFS CHILL BOX 8000 AIR CONDITIONED FRESH AIR SYSTEM

CFM output—Regulated Speed Control Provides 97 CFM's at the Exterior Manifold Equipped with an Exterior manifold to allow for the use of multi-air lines, (single or double lines) Under normal climatic conditions, the CB8000 will operate with (2) 100' Air lines Digital Control panel that allows for Temperature display and adjustments (Ambient/Actual) 110 Volt/ 15/Amp electric requirement 4-Stage Fan Control settings Unit measures 23 1/2" H x 15" D x 19 1/2" W — 76 lb unit Powder Coat finish for Long Lasting Durability. Unit is Sealed and Maintenance free (except for removable and washable filter) easily replaceable at local Hardware store. Use with Mask or Hood applications Sprayers Become More Productive!

SFS Chill Box Costs Less and Profits More. The Chill Box was designed and placed into operation 12 years ago, to eliminate exhaustion, cramps, fatigue, nausea, dizziness and weakness.

High attic temperatures contribute to safety concerns, loss of production and profits. The Chill Box provides conditioned air to improve the performance and attitude of Sprayers



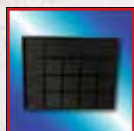
Tennessee Chill Box CB8000
Air Conditioned Fresh Air System,
2 Worker, 1 Hood,
1 Mask & 200' Hose. — **CB8000HM**



Tennessee Chill Box CB8000
Air Conditioned Fresh Air System,
2 Worker, 2 Masks,
& 200' Hose. — **CB8000MM**



Tennessee Chill Box CB8000
Air Conditioned Fresh Air System,
2 Worker, 2 Hoods,
& 200' Hose. — **CB8000HH**



Replacement Front Filters 2-Pack
For Tennessee
Chill Box CB8000 — **CBFF2P**



Replacement Speed Control Knob
For Tennessee
Chill Box CB8000 — **CBSCK**



Replacement WYE Dual Adapter
For Tennessee
Chill Box CB8000 — **CBWYE**



Ratchet Respirator Shield with Breathing Tube
For Tennessee
Chill Box CB8000 — **CBRRSBT**



Full Face Mask with Breathing Tube
For Tennessee
Chill Box CB8000 — **CBFFBT**



Hood, Headband, Breathing Tube, Belt & Clip
For Tennessee
Chill Box CB8000 — **CBHHBTBC**



Hood with Headband
For Tennessee
Chill Box CB8000 — **CBHHB**



Breathing Tube (for use with mask only)
For Tennessee
Chill Box CB8000 — **CBBTM**



Breathing Tube (for use with hood only)
For Tennessee
Chill Box CB8000 — **CBBTH**



50' Replacement Air Supply Hose
For Tennessee
Chill Box CB8000 — **CB50AH**



100' Replacement Air Supply Hose
For Tennessee
Chill Box CB8000 — **CB100AH**



Replacement Front Unit Legs 2-Pack
For Tennessee
Chill Box CB8000 — **CBFUL2P**



3M™ HALF FACEPIECE DISPOSABLE RESPIRATOR ASSEMBLY 52P71

NIOSH approved against certain organic vapors and particulates. Use for a variety of applications including spray painting, pesticides, agriculture, construction and transportation.

Part Number	Size
5-00-51138-66069-2	Medium



3M™ HALF FACEPIECE RESPIRATOR SERIES 6000

3M Half Facepiece Respirator is for respirator protection from certain airborne contaminants according to United States NIOSH approvals. Facepiece does not provide eye protection.

Part Number	Size
6100/07024	Small
6200/07025	Medium
6300/07026	Large



3M™ PARTICULATE RESPIRATOR 8511, N95

This disposable N95 particulate respirator features the proprietary 3M™ Cool Flow™ Valve and helps provide comfortable, reliable worker respiratory protection. It is ideally suited for hot/dusty work settings that require long periods of wear.

Part Number
5-00-51138-54343-8



3M™ ULTIMATE FX FULL FACEPIECE REUSABLE RESPIRATOR SERIES FF-400

Engineered for maximum comfort, durability and visibility, the Ultimate FX FF-400 is the only respirator with Scotchgard™ Protector. This respirator features soft yet durable, silicone material and a large lens for superior peripheral vision.

Product	Part Number	Size
FF-401	5-00-51135-89418-2	Small
FF-402	5-00-51135-89421-2	Medium
FF-403	5-00-51135-89424-3	Large

ADDITIONAL PRODUCTS FOR 3M™ ULTIMATE FX FULL FACEPIECE REUSABLE RESPIRATOR SERIES FF-400



Product	Part Number
3M™ Organic Vapor Cartridge 6001	5-00-51138-21674-5



Product	Part Number
3M™ Particulate Filter 5N11, N95 Respiratory Protection	5-00-51138-46464-1



Product	Part Number
3M™ Filter Retainer 501	5-00-51138-17668-1



Product	Part Number
3M™ Lens Cover FF-400-15	5-00-51135-89486-1

RESPIRATOR MASKS



3M™ FULL FACEPIECE REUSABLE RESPIRATOR SERIES 6000

Full Facepiece Respirators 6000 Series are NIOSH approved and designed to help provide respiratory protection against certain airborne contaminants. The 3M 6000 Series meets the requirements of the ANSI Z87.1-2003 standard, high impact level for face and eye protection.

Product	Part Number	Size
FF-6700	6700/07138	Small
FF-6800	6800/07139	Medium
FF-6900	6900/07140	Large



3M™ ORGANIC VAPOR / ACID GAS CARTRIDGE / P100 FILTER

For use only with 3M 6000 Series Facepieces and 3M 7000 Series Facepieces with bayonet style cartridge/filter attachments. NIOSH approved for use against certain organic vapors, chlorine, fluoride or hydrogen sulfide and particulates when used with facepieces and adapters as stated above.

Product	Part Number
P-100	60923



3M™ LENS COVERS / TEAR-OFFS 25 PACK

The 3M Lens Covers are designed to provide a replaceable protective covering for the lens of the 3M 6000 Series Full Facepiece Respirator.

Product	Part Number
6885	07142



3M™ SEMI-PERMANENT LENS PROTECTOR FF-400-17

Semi-permanent lens covers with Scotchgard™ coating to help protect 3M™ Ultimate FX Full Facepiece Reusable Respirator Series FF-400 lens. For temporary use.

Part Number
5-00-51135-89487-8

RESPIRATOR HOODS



3M™ VERSAFLO™ HIGH DURABILITY HOOD WITH INTEGRATED HEAD SUSPENSION S-533

Approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems.

Part Number	Size
0-00-51131-17089-6	Small
0-00-51131-17087-2	Large



3M™ VERSAFLO™ ECONOMY HOOD S-403

Approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems.

Part Number	Size
0-00-51131-17251-7	Small
0-00-51131-17250-0	Large



3M™ VERSAFLO™ HOOD WITH INTEGRATED HEAD SUSPENSION S-433

Approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems.

Part Number	Size
0-00-51131-17085-8	Small
0-00-51131-17083-4	Large



3M™ VERSAFLO™ HOOD ASSEMBLY WITH INNER COLLAR AND PREMIUM HEAD SUSPENSION S-655

Consists of a S-950 Premium Head Suspension and a S-605 Hood. It is approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems.

Part Number
0-00-51131-17093-3



3M™ VERSAFLO™ HOOD ASSEMBLY WITH INNER SHROUD AND PREMIUM HEAD SUSPENSION S-657

Consists of a S-950 Premium Head Suspension and a S-607 Hood. It is approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems.

Part Number
0-00-51131-17094-0



3M™ VERSAFLO™ PAINTER'S HOOD ASSEMBLY WITH INNER SHROUD AND PREMIUM HEAD SUSPENSION S-757

Consists of a S-950 Premium Head Suspension and a S-707 Hood. It is approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems.

Part Number
0-00-51131-37301-3

BREATHING TUBES

**3M™ VERSAFLO™ BREATHING TUBE BT-20**

Connects any Versaflo™ Headtop to any Versaflo™ air source.

Part Number	Size
0-00-51131-37309-9	Small
0-00-51131-37310-5	Large

**3M™ VERSAFLO™ LENGTH ADJUSTING BREATHING TUBE BT-30**

Connects any Versaflo™ Headtop to any Versaflo™ air source. It features a flexible helix that adjusts to the appropriate length for the individual wearer.

Part Number
0-00-51131-17379-8

**3M™ VERSAFLO™ HEAVY DUTY NEOPRENE RUBBER BREATHING TUBE BT-40**

Connects any Versaflo™ Headtop to any Versaflo™ air source. It features a durable, heat resistant neoprene rubber material for rugged applications.

Part Number
0-00-51131-17380-4

**3M™ SUPPLIED AIR RESPIRATOR VORTEX COOLING ASSEMBLY, RESPIRATORY PROTECTION SYSTEM COMPONENT V-100/37018(AAD)**

This supplied air respirator assembly, when used with approved breathing tube and headgear, can help regulate the flow and temperature of supplied air system. Cools the air up to 50°F (28°C). Includes the cooling tube, waist belt and holder.

Part Number
0-00-51131-37018-0

**3M™ VERSAFLO™ VORTEMP™ HEATING ASSEMBLY V-200**

This assembly helps regulate the flow and temperature of the supplied air system. It keeps the worker comfortable by heating air by as much as 50°F (28°C). This assembly includes the heating tube, waist belt and holder.

Part Number
0-00-51138-66166-3

**3M™ VERSAFLO™ AIR REGULATING VALVE ASSEMBLY V-300/37019(AAD)**

Allows the worker to set the airflow to the most comfortable level. Includes the valve and waist belt. It is strictly a regulator and will not warm or cool supplied air to the worker.

Part Number
0-00-51131-37019-7



3M™ DUAL AIRLINE FRONT-MOUNTED ADAPTER KIT SA-1000

This kit includes Breathing Tube SA-1500, Waist Belt GVP-127 and Air Regulator SA-1009. This kit, with facepiece, filters/cartridges and air hose, makes a 3M™ Dual Airline Supplied Air Respirator.

Part Number
0-00-51138-46270-3



3M™ DUAL AIRLINE BACK-MOUNTED ADAPTER KIT SA-2000

This kit delivers air to both sides of the facepiece for a comfortable and balanced 3M™ Supplied Air Respirator System. Includes Breathing Tube SA-2500, Waist Belt GVP-127 and Valve SA-1009.

Part Number
0-00-51138-46394-6



3M™ SUPPLIED AIR HOSE W-9435-25/07010(AAD), INDUSTRIAL INTERCHANGE FITTINGS, HIGH PRESSURE

This hose is equipped with MPT fittings at both ends and accepts 1/4 inch FPT fittings. You may not combine 25 or 50 foot lengths of the 3M™ Supplied Air Hose W-9435.

Product	Part Number	Size
W-9435-25	0-00-51131-07010-3	25' long, 3/8" diameter
W-9435-50	0-00-51131-07011-0	50' long, 3/8" diameter
W-9435-100	0-00-51131-07012-7	100' long, 3/8" diameter



3M™ PORTABLE COMPRESSED AIR FILTER AND REGULATOR PANEL 256-02-01

This panel is an eight outlet air purification system that monitors carbon monoxide (CO). It has numerous features that add to worker protection. It is packaged in a protective carrying case for total portability.

Part Number	Catalog Number
70-0708-8426-0	0-00-51138-72122-0



3M™ COMPRESSED AIR FILTER AND REGULATOR PANEL W-2806/07006(AAD)

This panel is designed to filter and regulate air being delivered to the supplied air respirator. It has a maximum capacity of 50 cfm at 105 psig. Note: This unit will NOT remove carbon monoxide (CO) from compressed air source.

Part Number	Catalog Number
78-8069-8764-6	0-00-51131-07006-6

ALLEGRO | RESPIRATORY

LOW PRESSURE RESPIRATOR HOODS



ALLEGRO MAINTENANCE FREE SARAN® HOOD

- 9910-DS** Maintenance Free Saran Hood Assembly w/Low Pressure Flow Adapter w/Suspension
- 9911-20S** Replacement Maintenance Free Saran Hood Assembly w/Suspension
- 9910-25** Lens Covers 10/pkg.



ALLEGRO DOUBLE BIB MAINTENANCE FREE TYVEK® HOOD

- 9912-D** Double Bib Maintenance Free Tyvek® Hood Assembly w/Low Pressure Flow Adapter w/Suspension
- 9911-10** Replacement Double Bib Maintenance Free Tyvek® Hood Assembly w/Suspension
- 9910-25** Lens Covers 10/pkg.



ALLEGRO DELUXE TYVEK® DOUBLE BIB HARDHAT HOOD

- 9909-HD** w/Hardhat
- 9909-RD** w/Ratchet
- 9909-SD** w/Suspension
- 9909-10** Replacement Deluxe Tyvek® Double Bib Hardhat Hood w/Suspension



ALLEGRO TYVEK® SUPPLIED AIR RESPIRATOR HOOD

- 9910** Complete Tyvek® Respirator Hood Assembly
- 9910-10** Replacement Hood w/Suspension (downtube not included)
- 9910-25** Lens Covers 10/pkg.



ALLEGRO HALF MASK SUPPLIED AIR RESPIRATOR

- 9920** Half Mask Assembly



ALLEGRO FULL MASK SUPPLIED AIR RESPIRATOR

- 9901** Full Mask Assembly
- 9901-25** Lens Covers 25/pkg.



ALLEGRO ECONOMY SUPPLIED AIR SHIELD

9903 Replacement Shield
9903-D Supplied Air Shield w/Low Pressure Adapter
9903-25 Lens Covers 10/pkg.



ALLEGRO DELUXE SUPPLIED AIR SHIELD / HELMET

9904 Deluxe Supplied Air Shield/Helmet
9904-D Deluxe Supplied Air Shield/Helmet w/Low Pressure Adapter
9904-25 Lens Covers 6/pkg.



ALLEGRO LOW PRESSURE FLOW ADAPTER

9910-11 Low Pressure Flow Adapter w/belt



ALLEGRO A-300

Ideal for a super portable, lightweight air source for a single respirator user. Solid performance in applications of one-worker painting, cleaning, sanding or chemical handling operations.
9806



ALLEGRO A-750

Fills the need for a very portable air source for one or two respirator users or a single hood user. Works well in a variety of work environments including painting or refinishing booths.
9821 / 9821-E



ALLEGRO A-1500TE, A-1500EX

The easiest way to meet your needs for portable air sources for up to three respirator users or two hood users. The A-1500EX meets Class I Div 1 & 2 Group D. Class II Div 1 & 2 Groups F & G.
9832 (TE)* / 9832-E / 9833 (EX)* / 9833-E



ALLEGRO A-3000ATE

Provides cost effective breathing air delivery for large multi-worker operations such as hazardous materials removal and clean-up, etc. Electric motor requires 30 amp outlet. Intended for up to six respirators or four hoods.

9846 / 9846-E



ALLEGRO A-4000AD

Ideal for use when electric power is unavailable or undesirable. Highly effective in work areas where large amounts of compressed air are available such as sandblasting. Requires 75 CFM at 80 psig.

9850



LP ALLEGRO AIR AIRLINE COOLING SYSTEM

Can be used with up to 3 workers. Comes with durable wheels and a locking telescoping pull handle. Dimensions: 20"W x 21"D x 24"H, 28 lbs. without ice.

9820-LP



ALLEGRO AMBIENT AIR PUMP CO MONITOR

Housed in a portable, rugged Pelican case with handle and latches for protection and security. Comes with a threaded Tee. Dimensions are 6¾"H x 8¼"L x 3½"W. Weighs 3½ lbs.

9900-45



ALLEGRO FLOW TEST KIT FOR CONSTANT FLOW SUPPLIED AIR RESPIRATORS

The kit contains flow meter and a full assortment of quick connect plugs and adapters to fit all respirator manufacturer's airline hoses. Excellent for use with ambient air pumps. NOTE: NIOSH mandates 4 CFM for tight-fitting masks and 6 CFM for hoods.

9900-40



ALLEGRO INLET HOSE EXTENSION KIT

Respirators must be supplied with a source of clean, breathable air at all times as per OSHA 29CFR 1910.134. In order to achieve this requirement, at times it may be necessary to use an inlet hose extension from the ambient air pump to a clean air environment.

9700-65



ALLEGRO HALF MASK LOW PRESSURE SYSTEMS

- 9205-01 One Worker Half Mask System w/50' Hose
- 9215-01 One Worker Half Mask System w/100' Hose
- 9205-02 Two Worker Half Mask System w/50' Hose
- 9215-02 Two Worker Half Mask System w/100' Hose
- 9205-03 Three Worker Half Mask System w/50' Hose
- 9215-03 Three Worker Half Mask System w/100' Hose



ALLEGRO FULL MASK LOW PRESSURE SYSTEMS

- 9200-01 One Worker Half Mask System w/50' Hose
- 9210-01 One Worker Half Mask System w/100' Hose
- 9200-02 Two Worker Half Mask System w/50' Hose
- 9210-02 Two Worker Half Mask System w/100' Hose
- 9200-03 Three Worker Half Mask System w/50' Hose
- 9210-03 Three Worker Half Mask System w/100' Hose



ALLEGRO TYVEK® SUPPLIED AIR HOOD LOW PRESSURE SYSTEMS

- 9220-01 One Worker Tyvek Hood System w/50' Hose
- 9230-01 One Worker Tyvek Hood System w/100' Hose
- 9220-02 Two Worker Tyvek Hood System w/50' Hose
- 9230-02 Two Worker Tyvek Hood System w/100' Hose



ALLEGRO LOW PRESSURE ECONOMY SUPPLIED AIR SHIELD SYSTEM

- 9245-01 One Worker Shield System w/50' Hose
- 9245-02 Two Worker Shield System w/50' Hose



ALLEGRO DELUXE SUPPLIED AIR SHIELD / HELMET SYSTEM

- 9247-01 One Worker Shield SAR System w/50' Hose
- 9247-02 Two Worker Shield SAR System w/50' Hose



LP ALLEGROAIR AIRLINE COOLING SYSTEM

Portable Airline Cooling System, Fittings Hansen Inlet, Single Outlet Coupler Can Adapt Quickly to Accept 3-worker Manifold, For Use With Low Pressure Ambient Air Pumps, Max. Pressure 15 psi, Provides Approximately 50 Degrees F Output Air Temperature with Input Temperatures up to 180 Degrees F, Includes Wheeled 70 qt Cooling Box with Telescoping Handle, Inlet Filter, Relief Valve, and 5 ft. Hose. Pump not included. Part # 9820-LP

ALLEGRO | RESPIRATORY

HIGH PRESSURE SAR (SUPPLIED AIR RESPIRATOR)



ALLEGRO FULL MASK SUPPLIED AIR RESPIRATOR

- Unique over the shoulder hose design
- Adjustable belt that holds the hose and airflow valve out of the way
- High impact, anti-fog, distortion-free polycarbonate lens
- Double sealing flange and deep chin pocket for perfect fit and seal
- Large diameter contoured exhalation valve
- Designed to connect to Adjustable Flow Control Valve, Personal Air Cooler or Air Temperature Controller
- One size fits most

9902 Replacement High Pressure Full Mask Supplied Air Respirator



ALLEGRO SUPPLIED AIR RESPIRATOR / SARAN HOOD

- Increased protection of two bibs
- Inner bib directs air flow down cooling body
- Outer bib secures under arms preventing hood from rising
- Features extra large lens for better visibility
- Designed to connect to Adjustable Flow Control Valve, Personal Air Cooler or Air Temperature Controller

9911-10 Replacement Maintenance Free Tyvek Double Bib Hood Assembly w/Suspension



ALLEGRO SUPPLIED AIR RESPIRATOR / SARAN HOOD

- Designed with one piece construction
- Breathing tube and head suspension integrated with hood assembly
- Fully disposable, eliminating need for decontamination
- Flexible and splash resistant
- Multi-layer sound dampening breathing tube
- Ideal for workers with beards or goggles
- Designed to connect to Adjustable Flow Control Valve, Personal Air Cooler or Air Temperature Controller

9911-20 Replacement Maintenance Free Tyvek Hood Assembly w/Suspension



ALLEGRO SUPPLIED AIR RESPIRATOR / SARAN HOOD

- Same unique features as the fully disposable Tyvek Hood
- Laminated with Saran
- Offers non permeability to air and moisture
- Increased protection against hazardous materials
- Heat tape seams to enhance the seal against liquids and gases
- Designed to connect to Adjustable Flow Control Valve, Personal Air Cooler or Air Temperature Controller

9911-20S Replacement Maintenance Free Saran Hood



ALLEGRO SUPPLIED AIR RESPIRATOR / HARDHAT

- Extra space for hardhat
- Offered with either Hardhat, Ratchet or Disposable Suspensions
- Optional Chin Strap
- Reinforced heavy duty breathing tube with swivel connection
- Split air channel delivers air inside hood around temples
- Designed to connect to Adjustable Flow Control Valve, Personal Air Cooler or Air Temperature Controller

9909-10 Replacement Deluxe Tyvek Double Bib Hardhat Hood w/Suspension only, downtube not included



ALLEGRO SUPPLIED AIR RESPIRATOR / AIR SHIELD

- Visor is made of Nylon plastic
- Polycarbonate lens and Polypropylene Chin Guard
- Shroud is cotton adding comfort
- Designed to connect to Adjustable Flow Control Valve, Personal Air Cooler or Air Temperature Controller
- Complies with ANSI Z87.1-2003

9903 Replacement High Pressure Supplied Air Shield



ALLEGRO DELUXE SUPPLIED AIR SHIELD / HELMET

- All in one head, eye, face and respiratory protection
- Protects against hazardous airborne contaminants and flying debris
- Ergonomically designed with superb balance
- No fit testing required
- Can be worn by personnel with facial hair
- APF 1000

9904 Replacement Deluxe Supplied Air Shield/Helmet



ALLEGRO AIR TEMPERATURE CONTROLLER

9990



ALLEGRO PERSONAL AIR COOLER

9991



ALLEGRO ADJUSTABLE FLOW CONTROL VALVE

9992



ALLEGRO CARRY-AIR™ AND WALL-AIR™ FILTRATION PANELS

Allegro's Air Filtration Panels convert shop air used for pneumatic tools and equipment to clean breathable air. They provide from 1 to 8 airline respirators a portable source of up to 15, 30, 60 or 100 CFM of breathable air from 5-125 psig. The 3-stage filtration system purifies compressed air removing water, oil and particulate contaminants.

9872-40



ALLEGRO INLINE FILTER PANELS

We offer our inline filter panels in both Carry-Air™ and Wall-Air™ configurations. All models meet NIOSH requirements of point-of-attachment. The Carry-Air™ models provide up to 8 airline respirators a portable source of up to 100 CFM of breathable air from 5-125 psig. They're housed in a rugged Pelican case for portability and protection. They also include a support stand for stability and up-right operation. Available with or without CO monitors.

9878-100 Carry-Air™ Inline Filter Panel

9878-150 Wall-Air™ Inline Filter Panel



ALLEGRO MULTI-REGULATOR AIR FILTRATION PANEL

The unique design of this panel allows each regulator to be individually adjusted at different pressure settings, and also supplies separate outlets for air tools. The viewing window on the case allows monitoring of pressure gauges. A 16 gauge steel stand for support is included as well as all brass plumbing with quick-disconnect Hansen couplers.

9874MR 4 Worker

9876MR 6 Worker

ALLEGRO FILTRATION PANEL SPECS

Filtration Panels		Part No.	Max Flow	Max Inlet	Dimensions	Weight
Carry-Air	1 Worker	9873	15 CFM	150 psig	16" x 13" x 7"	11
	2 Worker	9872 Series	30 CFM	150 psig	18" x 12" x 6"	14
	5 Worker	9875 Series	60 CFM	150 psig	21" x 14½" x 6¾"	19
	8 Worker	9878 Series	100 CFM	150 psig	23" x 16½" x 7½"	25
Carry-Air Multi Regulator	4 Worker*	9874 MR	60 CFM	125 psig	21" x 14½" x 6¾"	21
	6 Worker*	9876 MR	100 CFM	150 psig	23" x 16½" x 7½"	27
Carry-Air 100 CFM Panel	1-8 Worker	9878-100	100 CFM	150 psig	23" x 16½" x 7½"	21
Wall-Air	1 Worker	9873-40	15 CFM	150 psig	21¼" x 8¼" x 7¾"	11
	2 Worker	9872-40 Series	30 CFM	150 psig	21¼" x 8¼" x 7¾"	11
	5 Worker	9875-40 Series	60 CFM	150 psig	22" x 8½" x 7½"	15
	8 Worker	9878-40 Series	100 CFM	150 psig	25" x 14" x 7"	21
Wall-Air 150 CFM Panel	1-12 Worker	9878-150	150 CFM	150 psig	22" x 19" x 10"	27

NOTE: All above air sources come standard with Foster/Hansen couplers. Other couplers are available on request.



ALLEGRO REMOTE CO MONITOR

Attached to any air source or filter panel, the Remote CO Monitor alerts workers using supplied air respirators when the level of carbon monoxide has exceeded 10 ppm (5 ppm Canada). The CO monitor can be operated in AC or DC mode and uses a single 9-volt alkaline battery. Maximum regulator inlet pressure is 150 psi. Comes with coupling pigtail.

9871-02



ALLEGRO SOURCE PRE-FILTER

Where air quality is especially low, this free-standing or wall-mounted particulate assembly helps extend the life of the filter panel's disposable filters by removing liquids and contaminants down to 5 microns. It is equipped with an adjustable regulator pressure gauge and meets the NIOSH requirement for point-of-attachment.

9350-03



ALLEGRO 4-WORKER AIRLINE FILTER

Made for rugged environments, this "Pot" type filter utilizes a large capacity quality filter cartridge to provide longer life. Greater material surface area designed to remove oil, mist, water vapor and particulates down to 0.5 micron. Made of impact and corrosion-resistant steel, equipped with an airline regulator and four outlets. Wall or floor mounted. Meets OSHA regulation 1910-94 (6) (i) and 1910-94 (6) (ii). 75 CFM.

9874-W/O



ALLEGRO REMOTE CO ALARM WITH STROBE

The Remote CO Alarm System uses a 50' cable to go with workers into the work area and effectively warn of the presence of carbon monoxide in the air source with a 90 decibel alarm, along with a flashing strobe light for those very noisy environments. The system is housed in a rugged Pelican carry case or may be wall mounted, and attached to any Allegro Air Filtration Panel. Dimensions: 9.5"W x 10"H x 8"D

9871-01



ALLEGRO ECONOMY REMOTE CO ALARM WITH STROBE

Housed in a Pelican carry case with 25' of cable, the Economy CO Alarm has the same features as the Remote CO Alarm with a smaller profile. Dimensions: 8.5"W x 5"H x 6.5"D. Weight 2.6 lbs.

9871-01EC



ALLEGRO POINT-OF-ATTACHMENT AIR CONTROL SYSTEM

This Point-of-Attachment (POA) Air Control System connects to any breathing air source. It's housed in a Pelican carry case that can be wall-mounted and includes an adjustable pressure regulator, pressure gauge and a pressure relief valve. This POA system meets NIOSH requirements for point of attachment. Maximum regulator inlet pressure is 150 psi.

9871-03



ALLEGRO ECONOMY POINT-OF-ATTACHMENT

Also offered in an economy model, with the same features as our Point-of-Attachment Air Control System without a Pelican carry case.

9871-03EC

ALLEGRO | RESPIRATORY

HIGH PRESSURE FILTRATION PANELS AND ACCESSORIES



ALLEGRO O2 MONITOR KIT

Calibration is a simple, automatic procedure. This monitor is durable, reliable and water-resistant for on the job flexibility. Features include a full function self test sensor, battery status, easy on/off operation and audible and visual alarms on start up. Bright, wide angle visual alarm bars, confidence beep, automatic backlight and automatic O2 calibration are all standard. Secure and accurate history with data logging are also standard as well as a tamper proof setting with pass code protection. The O2 Monitor Kit can be attached to any Allegro Filtration Panel.

9871-05



ALLEGRO CO MONITOR CALIBRATION TEST KIT

Used to check and calibrate the CO Monitor on Allegro's Carry-Air, Wall-Air or Oil-Less Compressor. Kit includes a 17 liter cylinder each of Span Gas and Zero Gas, a constant flow pressure regulator with gauge and tubing in a plastic carrying case.

9872-60 CO Monitor Calibration Test Kit

9872-61 Calibration Span Gas

9872-62 Calibration Zero Gas



ALLEGRO LOW FLOW ALARM

A low pressure warning device designed to alert that supplied air pressure has decreased below a specified minimum value. A miniature adjustable pressure switch is connected to a battery operated external alarm. The pressure switch is field adjustable. The alarm will be activated if the air pressure falls below the preset (factory set @ 40 PSIG) or user adjusted setting. Alarm will turn off once pressure exceeds the alarm pressure setting.

9871-50

RESPIRATOR ACCESSORIES



ALLEGRO SPRAY SOCKS

Provides comfortable protection against overspray and other particulates. Spray Sock fits over the head and can be worn with goggles, half mask or full mask respirators. The stretch knit material is breathable and cool to wear. One size fits all. Available in packages of 12 or a bulk case of 144.

1410 Case of 144 | 1410-12 Pkg. of 12



ALLEGRO ARM SOCK

Protect arms from paint overspray, dust and other particulates. 16" long and made of 100% cotton. Provides for a comfortable fit from wrist to shoulder. Available in package of 12 pair or bulk case of 144 pair.

1440 Case of 144

1440-12 Pkg. of 12

RESPIRATOR MASKS



BULLARD SPECTRUM® -CF RESPIRATOR ASSEMBLY

- BT100 breathing tube assembly with 1/4" Industrial Interchange (Hansen compatible) nipple, adjustable flow control valve and nylon belt
- For use with compressed air

SPECCFML Medium/Large Facepiece **SPEC40L**
SPECCFS Small Facepiece **SPEC40S**



BULLARD SPECTRUM®-CF RESPIRATOR ASSEMBLY FOR USE WITH BULLARD FREE-AIR® PUMP

- BT135 breathing tube assembly with 1/2" Industrial Interchange (Hansen compatible) nipple and nylon belt
- For use with Bullard Free-Air® pumps

SPECCFML Medium/Large Facepiece **SPEC35L**
SPECCFS Small Facepiece **SPEC35S**



BULLARD CONTINUOUS FLOW FACEPIECES

- Complete with facepiece, lens, head straps, exhalation valve, and facepiece components
- For use only with SPEC-CF respirators

Medium/Large Facepiece Assembly **SPECCFML**
Small Facepiece Assembly **SPECCFS**

RESPIRATOR HOODS



BULLARD TYCHEM® QC SINGLE BIB HOOD SYSTEM

- 20RT Flex-Gear® Ratchet Suspension
- V30 breathing tube assembly with F30 1/4" Industrial Interchange (Hansen compatible) nipple
- 4612 nylon belt

20TJN Hood **CC20TJ30**
20TPN hood **CC20TP30**



BULLARD TYCHEM® QC DOUBLE BIB HOOD SYSTEM

- 20RT Flex-Gear® Ratchet Suspension
- V30 breathing tube assembly with F30 1/4" Industrial Interchange (Hansen compatible) nipple
- 4612 nylon belt

20TICN Hood **CC20TIC30**
20TPCN Hood, Solvent-resistant lens **CC20TPC30**



BULLARD TYCHEM® QC DOUBLE BIB HOOD SYSTEM WITH BULLARD HARD HAT

- Model C30R hard hat with Flex-Gear® Ratchet Suspension
- V30 breathing tube assembly with F30 1/4" Industrial Interchange (Hansen compatible) nipple
- 4612 nylon belt

20TICH Hood **CC20TICH30**

S51R hard hat with ratchet suspension **CC20TICH30S51**



BULLARD TYCHEM® SL DOUBLE BIB HOOD SYSTEM WITH TAPED SEAMS

- 20SICN hood
- 20RT Flex-Gear® Ratchet Suspension
- V30 breathing tube assembly with F30 1/4" Industrial Interchange (Hansen compatible) nipple
- 4612 nylon belt

CC20SIC30



BULLARD TYCHEM® QC DOUBLE BIB HOOD SYSTEM

- 20TICN hood
- 20RT Flex-Gear® Ratchet Suspension
- V35 breathing tube assembly with F35 1/2" Industrial Interchange (Hansen compatible) nipple
- 4612 nylon belt

CC20TIC35



BULLARD TYCHEM® QC DOUBLE BIB HOOD SYSTEM WITH HARD HAT

- 20TICH hood
- Bullard Model C30R Hard Hat with Flex-Gear® Ratchet Suspension
- V35 breathing tube assembly with F35 1/2" Industrial Interchange (Hansen compatible) nipple
- 4612 nylon belt

CC20TICH35



BULLARD TYCHEM® QC LOOSE-FITTING FACEPIECE SYSTEM

- 20LFL loose-fitting facepiece with sewn in suspension
- X35 breathing tube assembly with 1/2" Industrial Interchange (Hansen compatible) nipple
- 4612 nylon belt

CC20LF35



BULLARD TYCHEM® QC SINGLE BIB HOODS

- 10 per package
- 9" long bib

Acetate Lens , Flex-Gear® Ratchet Suspension **20TJ**

Acetate Lens , No Suspension **20TJN**

PETG Lens , Flex-Gear® Ratchet Suspension **20TP**

PETG Lens , No Suspension **20TPN**



BULLARD TYCHEM® QC DOUBLE BIB HOODS

- 9" long outer bib
- 10 per package

with inner Bib, Acetate Lens, Flex-Gear® Ratchet Suspension **20TIC**

with inner Bib, Acetate Lens, No Suspension **20TICN**

with inner Bib, Acetate Lens, No Suspension, No Lens Tissue **20TICNX**

for painting, PETG Lens Solvent Resistant Lens, Flex-Gear® Ratchet Suspension **20TPC**

for painting, PETG Lens Solvent Resistant Lens, No Suspension **20TPCN**

for painting, PETG Lens Solvent Resistant Lens, No Suspension, No Lens Tissue **20TPCNX**



BULLARD TYCHEM® QC DOUBLE BIB HOOD WITH TAPED & SEALED SEAMS

- 19" long outer bib
- 10 per package

Flex-Gear® Ratchet Suspension **20TICS**

No Suspension **20TICSN**



BULLARD TYCHEM® QC DOUBLE BIB HOOD FOR USE WITH BULLARD HARD HAT

- 9" long outer bib

Hard hat (not included), 5 per package **20TICH**

Includes C30R Hard Hat **20TICH30R**

Includes S51R Hard Hat, 1 per package **20TICH51R**



BULLARD TYCHEM® SL DOUBLE BIB HOOD, ACETATE LENS

- 19" long outer bib
- 5 per package

Taped Seams, Flex-Gear® Ratchet Suspension **20SIC**

Taped Seams, No Suspension **20SICN**

20SICN, No Lens Tissue **20SICNX**

RESPIRATOR HOODS

**BULLARD TYCHEM® SL DOUBLE BIB HOOD, VINYL LENS**

- 19" long outer bib
- 5 per package

Taped Seams, Flex-Gear® Ratchet Suspension **20SICV**
 Taped Seams, No Suspension **20SICVN**

**BULLARD TYCHEM® SL DOUBLE BIB HOOD, FOR USE WITH HARD HATS**

- 9" long outer bib
- 5 per package

Vinyl Lens, Taped Seams, Hard hat (not included) **20SICVH**
 Vinyl Lens, Taped Seams, with C30R Hard Hat **20SICVH30R**
 Vinyl Lens, Taped Seams, with S51R Hard Hat **20SICVHS51R**

Acetate Lens, Taped Seams, Hard hat (not included) **20SICH**
 Acetate Lens, Taped Seams, with C30R Hard Hat **20SICH30R**
 Acetate Lens, Taped Seams, with S51R Hard Hat **20SICHS51R**

BREATHING TUBES

**BULLARD CC20 SERIES BREATHING TUBE ASSEMBLIES FOR HOODS**

- Assemblies include **20BT** breathing tube, **4612** nylon belt and **S18051** clamp
- Constant Flow

F30 1/4" Industrial Interchange (Hansen compatible) quick-disconnect nipple. For use with compressed air **V30**



F31 1/4" Schrader quick-disconnect nipple.
 For use with compressed air **V31**



F32 1/4" Snap-Tite steel quick-disconnect nipple.
 For use with compressed air **V32**

F33 1/4" Snap-Tite brass quick-disconnect nipple
 For use with compressed air **V33**



With F35 1/2" industrial interchange (Hansen compatible) quick-disconnect nipple. For use with Bullard Free-Air® pumps **V35**



BULLARD CC20 SERIES BREATHING TUBE ASSEMBLIES FOR HOODS

- Assemblies include **20BT** breathing tube, **4612** nylon belt and **S18051** clamp
- For use with compressed air
- Adjustable Flow

With F40 1/4" Industrial Interchange (Hansen compatible) quick-disconnect nipple **V40**

With F41 1/4" Schrader quick-disconnect nipple **V41**

With F42 1/4" Snap-Tite steel quick-disconnect nipple **V42**

With F43 1/4" Snap-Tite brass quick-disconnect nipple **V43**



BULLARD CC20 SERIES BREATHING TUBE REPLACEMENT PARTS

- 1/4" Industrial Interchange (Hansen compatible) quick-disconnect nipple
- Threaded hose connector
- Connects to 88VXBT, GVXBT, L99BT, 20BT, or 20LFBT
- For use with compressed air

Constant Flow Control Valve **F30**

Constant Flow Control Valve, Brass with Nylon Belt **F30B**

Constant Flow Control Valve, Stainless Steel with Nylon Belt **F30S**

Constant Flow Control Valve, Stainless Steel with Decon Belt **F30SD**

Constant Flow Control Valve with Vinyl Belt **F30VDB**

Same as F30 above with 1/4" Schrader quick-disconnect nipple **F31**

Same as F30 above with 1/4" Snap-Tite steel quick-disconnect nipple **F32**

Same as F30 above with 1/4" Snap-Tite brass quick-disconnect nipple **F33**

Same as F30 above with 1/4" Snap-Tite stainless steel quick-disconnect nipple **F34**



BULLARD CC20 SERIES BREATHING TUBE REPLACEMENT PARTS

- 1/2" Industrial Interchange (Hansen compatible) quick-disconnect nipple
- Threaded hose connector
- Nylon belt
- Connects to 88VXBT, L99BT, 20BT, or 20LFBT
- For use with Bullard Free-Air® pumps

Constant Flow Control Valve, Steel **F35**

Constant Flow Control Valve, Brass **F35B**

Constant Flow Control Valve, same as F35 above with 1/4" CEJN quick-disconnect nipple. For use with compressed air **F37**

BULLARD | RESPIRATORY

BREATHING TUBE REPLACEMENT PARTS



BULLARD CC20 SERIES BREATHING TUBE REPLACEMENT PARTS

- 1/4" Industrial Interchange (Hansen compatible) quick-disconnect nipple
- Threaded hose connector
- Connects to 88VXBT, L99BT, 20BT or 20LFBT
- For use with compressed air

Adjustable Flow Control Valve, Steel, Nylon Belt **F40**
 Adjustable Flow Control Valve, Brass, Nylon Belt **F40B**
 Adjustable Flow Control Valve, Stainless Steel, Nylon Belt **F40S**
 Adjustable Flow Control Valve, Vinyl Decon Belt **F40VDB**
 Adjustable Flow Control Valve, Nylon belt, Same as F40 above
 with 1/4" Schrader quick-disconnect nipple **F41**



BULLARD CC20 SERIES BREATHING TUBE REPLACEMENT PARTS

- 1/4" Snap-Tite steel quick-disconnect nipple
- Threaded hose connector
- Nylon belt
- Connects to 88VXBT, GVXBT, L99BT, 20BT, or 20LFBT
- For use with compressed air

Adjustable Flow Control Valve **F42**
 Adjustable Flow Control Valve, same as F42 above
 with 1/4" Snap-Tite brass quick-disconnect nipple **F43**
 Adjustable Flow Control Valve, same as F42 above
 with 1/4" Snap-Tite stainless steel quick-disconnect nipple **F44**
 Flow Control Valve, same as F42 above
 with 1/4" CEJN quick-disconnect nipple **F47**



BULLARD BREATHING TUBE FOR HOODS

- Nipple not included
- S18051 clamp

20BT



BULLARD BELTS

Nylon Belt **4612**
 Vinyl Decon Belt **36501**



BULLARD BREATHING TUBE FOR LOOSE-FITTING FACEPIECES

- Nipple not included

20LFBT



BULLARD TYCHEM® BREATHING TUBE COVER

- Length 24.5"

Tychem® QC Breathing Tube Cover **20QCBTC**
 Tychem® SL Breathing Tube Cover **20SLBTC**



BULLARD BREATHING TUBE CLAMP

- 10 per package

White **S18051**
 Black **S18051BLACK**



BULLARD CLEAR POLY BREATHING TUBE COVER SLEEVE

- 100 per package
- Length 38"

POLYBTC



BULLARD ELECTRIC-DRIVEN PUMPS - 10 CFM

- 3/4 HP electric-driven, oil-less air pump with open drip-proof motor drive
- Supplies air to one hood-style or two half- or full-face mask airline respirators
- Carrying handle
- Inlet and outlet filter cartridges
- Pressure gauge (0-30 psig)
- Electrical cord and On/Off switch
- One 1/2" Industrial Interchange (Hansen compatible) quick-disconnect coupler
- Shipping Weight: 60 lbs.

One- to Two-Person Pump **EDP10**

One- to Two-Person Pump (With Run Hour Meter) **EDP10HM**

One- to Two-Person Pump, 220V 50HZ version **EDP1050HZ220V**

One- to Two-Person Pump, 220V 50HZ version (With Run Hour Meter) **EDP1050HZ220VHM**



BULLARD AIR-DRIVEN, OIL-LESS PUMP - 30 CFM

- Supplies air to four hood-style respirators or six half- or full-face mask respirators
- 30 cfm at 5 psi with minimum 85 cfm at 95 psi incoming drive air pressure
- Outlet Pressure gauge (0-30 psig)
- Two 1/2" Industrial Interchange (Hansen compatible) quick-disconnect couplers
- Shipping Weight: 100 lbs.

ADP20



BULLARD ELECTRIC-DRIVEN PUMPS - 16 CFM

- 1 1/2 HP electric-driven, oil-less air pump with totally enclosed fan-cooled motor drive (TFEC)
- Supplies air to two hood-style or three half- or full-face mask airline respirators
- Inlet and outlet filter cartridges
- Pressure gauge (0-30 psig)
- Electrical cord and On/Off switch
- Two 1/2" Industrial Interchange (Hansen compatible) quick-disconnect couplers
- Shipping Weight: 100 lbs

Two- to Three-Person Pump **EDP16TE**

Same as EDP16TE wired for 220V, 60Hz **EDP16TE60HZ220V**

EDP16TE pump with wheels for ease of mobility **EDP16TEW**

Wheel Kit for EDP10 Pump, Field Conversion **WKIT16**

FREE AIR BUNDLES

**BULLARD FREE AIR PUMP BUNDLE**

Includes 20TIC Hood, EDP10 Free-Air® Pump, 20LCL Lens Covers, and V20100ST Hose

CC20SYS

**BULLARD FREE AIR PUMP BUNDLE**

Includes (2) 20TIC35RT Hoods, EDP16TE Free-Air® Pump, 20LCL Lens Covers, and (2) V20100ST Hoses

CC20SYS2M

**BULLARD FREE AIR PUMP BUNDLE**

Includes Spectrum® Full Mask, EDP10 Free-Air® Pump, Lens Covers, Anti-Fog Wipes, and Hose

SPECLSYS

**BULLARD FREE AIR PUMP BUNDLE**

Includes (2) Spectrum® Full Masks, EDP10 Free-Air® Pump, Lens Covers, Anti-Fog Wipes, (2) Breathing Tubes, and (2) Hoses

SPECLSYS2M

BULLARD CAB SERIES PORTABLE FILTRATION AND CO MONITORING

All assemblies include 3-stage filtration, visual filter change indicators, automatic filter drains, CO monitor with auto calibration, audible and visual alarms for high CO and low battery, 6-foot 110V AC power cord and remote alarm connection (except for CAB15). Remote Alarm and calibration kits are sold separately.



CAB15HA



CAB30HA



CAB50HA



CAB100HA



CAB30IRHA

BULLARD PELICAN™ CASE UNIT

Single Regulator Manifolds

10 PPM Part Number	5 PPM Part Number	
CAB15XX	CAB15XX5	1-2 worker, 15 cfm (V25 splitter required for 2 workers)
CAB30XX	CAB30XX5	1-2 worker, 30 cfm
CAB50XX	CAB50XX5	1-4 worker, 50 cfm
CAB100XX	CAB100XX5	1-8 worker, 100 cfm
CAB15RAUPGRADE		CAB15 upgrade kit for use with Remote Alarm

Independent Regulators

10 PPM Part Number	5 PPM Part Number	
CAB30IRXX	CAB30IRXX5	1-2 worker, 30 cfm
CAB50IRXX	CAB50IRXX5	1-4 worker, 50 cfm
CAB100IRXX	CAB100IRXX5	1-8 worker, 100 cfm

XX Key for Outlet Couplers

When placing an order indicate your choice of outlet coupler for each CAB.

HA - Hansen/Industrial Interchange Coupler
SC - Schrader Coupler
SN - Snap-Tite Coupler
CE - CEJN Coupler
SS - Stainless Hansen/Industrial Interchange Coupler



CAB50IRHA



CAB100IRHA

BULLARD | RESPIRATORY

CLEAN AIR BOX BUNDLES

**BULLARD CLEAN AIR BOX BUNDLE**

Includes Double Bib Hood, 15CFM Clean Air Box, Lens Covers, Breathing Tube, Cool Tube, and Hose

CC20CABSYS

**BULLARD CLEAN AIR BOX BUNDLE**

Includes (2) Double Bib Hoods, 30CFM Clean Air Box with independent regulator, Lens Covers, (2) Breathing Tubes, (2) Cool Tubes, and (2) Hoses

CC20CABSYS2M

**BULLARD CLEAN AIR BOX BUNDLE**

Includes Spectrum® Full Mask, 15CFM Clean Air Box, Lens Covers, Anti-Fog Wipes, and Hose

SPECLCABSYS

**BULLARD CLEAN AIR BOX BUNDLE**

Includes (2) Spectrum® Full Masks, 30 CFM Clean Air Box, Lens Covers, (2) Breathing Tubes, and (2) Hoses

SPECLCABSYS2M

EVA RESPIRATORS

BULLARD EVA RESPIRATORS

EVA (Evolutionary Air) is the newest Powered Air-Purifying Respirator (PAPR) from Bullard® providing users with a technologically-advanced PAPR that offers constant air flow in a compact, streamlined design for added customer comfort. This unit is unlike traditional fresh air units with 100' + of air hose to keep up with EVA is Completely mobile and can go wherever you go.

**BULLARD EVAHL SERIES REPLACEMENT BLOWERS**

Blower Unit only **EVAHL1**

Blower, Belt, EVABAT1 Battery, Charger **EVAHL2**

Blower, Belt, EVABAT1 Battery **EVAHL3**

Blower, Belt, EVABAT1 Battery, HE Filter **EVAHL4**

Same as EVA2 w/ EVABAT2 Battery **EVAHL5**

Same as EVA3 w/ EVABAT2 Battery **EVAHL6**

Same as EVA4 w/ EVABAT2 Battery **EVAHL7**



BULLARD EVA SERIES REPLACEMENT FILTERS AND CARTRIDGES

HE Filter (6 per package) **PAPRFC3**

OV/AG/HE Filter - Organic Vapors, Chlorine, Chlorine Dioxide, Sulfur Dioxide, Hydrogen Chloride, Hydrogen Fluoride, and High Efficiency Particulate (6 per package) **PAPRFC4**

Filter storage cap (3 pack), PAPRFC4 Inlet **PAPRFC4ICP**

Filter storage cap (3 pack), PAPRFC3/PAPRFC4 Outlet **PAPRFC40CP**

BULLARD EVA SERIES BATTERIES

Battery (black) for use with hoods **EVABAT1**



BULLARD EVA SERIES CHARGERS

Charger, Single Port **EVAHLSMC**

Charger, Single Port Analyzer

EVAHLSMC2 (AKA "The EVAuator")

Power Supply, EVASMC, EVASMC2,

EVAHLSMC, EVAHLSMC2 **EVAHLSMCPS**

EVASMC for Australia **EVAHLSMCAU**

EVASMC for Europe **EVAHLSMCEU**

EVASMC for United Kingdom **EVAHLSMCAUK**

Charger, Six Port Gang, 16x13x4 **EVAHLGC**



BULLARD PAPRs WITH DOUBLE BIB TYCHEM® QC HOODS

- Assemblies include blower, belt, battery, charger, air flow indicator, breathing tube, head top and ratchet suspension. (Filter sold separately)
- PAPR system with hood

20TIC hood (acetate lens) **EVAHL20TIC**

20TPC hood (polyester lens) **EVAHL20TPC**

20TICS hood (acetate lens long outer bib, taped seams) **EVAHL20TICS**

RT3 hood (oversized acetate lens and no headband) **EVAHLRT3**

20TICT Quick-Attach T-Series hood (acetate lens) **EVAHL20TICT**

20TPCT Quick-Attach T-Series hood (polyester lens) **EVAHL20TPCT**

20TICST Quick-Attach T-Series hood (acetate lens long outer bib, taped seams) **EVAHL20TICST**

RT3T Quick-Attach T-Series hood (oversized acetate lens and no headband) **EVAHLRT3T**

*Add DB suffix for decon belt

BLOWERS

**ALLEGRO AIR BAG 8**

Featuring an 8" metal blower system with 15' duct built into a heavy duty polyester bag forming an all-in-one unit for ease of operation. Designed with zippered ends that allow blower use without removing blower from the bag. Zipper openings allow for plug/cord inlet and outlet. Easy to carry and store. Polypropylene nine blade fan, steel/powder coated housing and grill, carry handle with molded-in 2 speed switch. 60 Hz, 1.4 Amps, 2 speed on/off switch. Ducting: Single-Ply lightweight vinyl/polyester PVCcoated. Yellow with black wear-strip and integrated nylon attachment strap on one end. Dimensions: 27"l x 15"w x 12"h. Free Air (high speed) 760 | 25 lbs | ¼ hp | 120V AC
9535-08

**ALLEGRO AIR BAG 12**

Featuring a 12" metal blower system with 15' duct built into a heavy duty polyester bag forming an all-in-one unit for ease of operation. Designed with zippered ends that allow blower use without removing blower from the bag. Zipper openings allow for plug/cord inlet and outlet. Easy to carry and store. Polypropylene nine blade fan, steel/powder coated housing and grill, carry handle with molded-in 2 speed switch. 60 Hz, 3.8 Amps, 2 speed on/off switch. Ducting: Single-Ply lightweight vinyl/polyester PVCcoated. Yellow with black wear-strip and integrated nylon attachment strap on one end. Dimensions: 28"l x 16"w x 14"h. Free Air (high speed) 1840 | 35 lbs | ½ hp | 120V AC
9535-12

**ALLEGRO 8" PLASTICcOM-PAX-IAL BLOWER WITH CANISTER-15 & 25**

This versatile system features the 8" COM-PAX-IAL blower with canister and your choice of 15' or 25' ducting. This lightweight unit is designed with the quick-connect clipping system which allows workers to attach the canister, tools-free, to the input side for powerful extraction or output side for ventilation. The 15' or 25' ducting stores conveniently within the canister. Special design features include blower and canister built-in carry handles, built in on/off switch and safety orange coloration.

AC MODEL

Free Air
831 CFM

One 90° Bend
709 CFM
1/3 hp

Two 90° Bends
586 CFM
3A/115V AC

9533-15 8" ACcOM-PAX-IAL Plastic Blower with canister and 15' ducting—33 lbs

9533-15E

9533-25

9533-25E

8" ACcOM-PAX-IAL Plastic Blower with canister and 25' ducting—38 lbs

DC MODEL

Free Air
816 CFM

One 90° Bend
526 CFM
1/3 hp

Two 90° Bends
442 CFM
25A/12V DC

9536-15

9536-25

8" DCcOM-PAX-IAL Plastic Blower with canister and 15' ducting—33 lbs

8" DCcOM-PAX-IAL Plastic Blower with canister and 25' ducting—38 lbs



ALLEGRO 8" PLASTIC BLOWER SYSTEM

The Complete Ventilation System includes everything you'll need for your confined space site. Included is the lightweight plastic blower, six feet and fifteen feet of ducting with a storage bag, and Manhole Ventilation Passthru (MVP).

9520-33M AC Plastic Blower System with 8" MVP

9520-36M DC Plastic Blower System with 8" MVP



ALLEGRO 12" PLASTIC AXIAL BLOWER WITH CANISTER

The polyethylene housing and canister assembly are designed to be both lightweight and super quiet. Made of corrosion, UV and chemical resistant polyethylene in safety orange. The quick-connect clipping system allows workers to attach the canister, tools free, to the input side for powerful extraction or output side for ventilation. Added features include a molded carry handle and 15' or 25' of PVCcoated vinyl and polyester ducting which stores easily within the storage canister.

AC MODEL

Free Air	One 90° Bend	Two 90° Bends
1842 CFM	1004 CFM	933 CFM
28 lbs.	1 hp	110/220V AC, 50/60 Hz

9543 12" Plastic Axial Blower

9543-E

9543-15 12" Plastic Axial Blower with canister and 15' ducting - 43 lbs

9543-15E

9543-25 12" Plastic Axial Blower with canister and 25' ducting - 49 lbs

9543-25E

DC MODEL

With all the same great features as the 9543, our DC 12" provides the added benefit of being able to run off a truck battery. Available as a complete system with 15' or 25' of ducting, storage canister and alligator clips.

Free Air	One 90° Bend	Two 90° Bends
1330 CFM	1005 CFM	808 CFM
28 lbs.	1/3 hp	25A/12V DC

9546 12" DC Plastic Axial Blower

9546-15 12" DC Plastic Axial Blower with canister and 15' ducting - 43 lbs

9546-25 12" DC Plastic Axial Blower with canister and 25' ducting - 49 lbs



ALLEGRO 12" PLASTIC BLOWER SYSTEM

Everything needed for your confined space site is in this Complete Ventilation System from Allegro. It includes the 12" lightweight plastic blower, 6' and 15' of ducting with a storage bag, and Manhole Ventilation Passthru (MVP).

9520-43M AC Plastic Blower System with 12" MVP

9520-46M DC Plastic Blower System with 12" MVP

BLOWERS

**ALLEGRO 8" AC AXIAL INLINE BOOSTER BLOWER**

Designed for use when there is need to run long lengths of ventilation duct and maintain a high CFM. Ducting is attached to both the intake and exhaust ends of the blower. Multiple blowers can be placed in a series to achieve positive or negative ventilation. 8" Axial Blower is lightweight with high CFM, tough steel construction with convenient carry handle and rubber feet. Certified to CSA STE C22.2 No 113 Air Delivery certified CEESI. Duct is sold separately.

9513-I

**ALLEGRO 8" AC AXIAL BLOWER**

With the highest output available from an 8" Axial Blower, this compact unit offers lightweight and high output from an AC electric motor. It is designed with tough steel construction, a durable grill, convenient carrying handle and rubber feet. Its small profile means easy storage. Certified to CSA STD C22.2 No 113. Air delivery certified CEESI.

AC MODEL

Free Air	One 90° Bend	Two 90° Bends
1275 CFM	661 CFM	582 CFM
19 lbs.	1/3 hp	3A/115V AC

9513

9513-E

DC MODEL

Perfect for locations where electricity is not available, this 8" DC Axial Blower may be operated off a truck battery. It features a 12 volt DC electric motor with thermal protector, single speed performance. Extremely lightweight and portable, it includes a cord with alligator clips.

Free Air	One 90° Bend	Two 90° Bends
1150 CFM	595 CFM	530 CFM
18 lbs.	1/3 hp	25A/12V DC

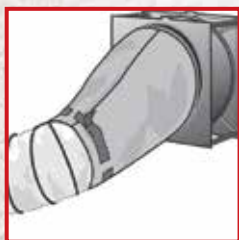
9506

**ALLEGRO GAS BLOWER / HONDA**

Offering portability and the same output and weight as the 9505, plus the durability of a Honda engine. Polyethylene housing with built-in handle offers convenience in transport. The sturdy metal base offers great stability. Blower includes 6 foot inlet hose extension.

Free Air	One 90° Bend	Two 90° Bends
750-1600 CFM	500-1200 CFM	450-1000 CFM
58 lbs.	4 hp Honda (four stroke)	

9505-50

**ALLEGRO ADAPTER REDUCER**

Reduces 16" blower output to 8" duct. Made of flexible soft nylon. For use with 9515 and 9515-01 blowers. Includes duct-to-duct connector.
9600-50 16"-8"

ALLEGRO METAL ADAPTER

Reduces 12" blower output to 8" duct. Use only with 9509-50.
9509-03B 12"-8" Soft Reducer



ALLEGRO STANDARD EXTENSION CORD

This 50' yellow extra heavy duty cord will power 20 and 15 AMP, 120 V. Weather resistant at temperature range of 58°F (-50°C) to 140°F (60°C). Includes rugged and durable clear molded plugs. Meets OSHA specifications and UL listed. Weighs 13 lbs.

9540-50

ALLEGRO EXPLOSION-PROOF EXTENSION CORD

This 50' black extension cord comes with a 20 AMP connector and plug. Weather resistant at a temperature range of -40°F (-40°C) to 194°F (90°C). Flexible and provides excellent abrasion resistance. UL Listed and CSA certified for indoor and outdoor use. CSA Certifications: Class I Division 1 & 2 Groups B, C, and D; Class II, Division 1 & 2 Groups F* and G. *Do not use where electrically conductive dusts are present (most coal dust is not electrically conductive). Weighs 15.5 lbs.

9540-50EX



ALLEGRO BLOWER FILTER BOX

Hook up your existing blower with 8" ducting to the back of Allegro's Filter Box. It filters the ambient air from or to the blower through the Filter Box. Can be attached on either inlet or outlet side of blower for positive or negative filtration. Filters particulates and dust. Made of galvanized sheet metal. Operates with up to two filters inserted at once. One filter included. Dimensions are 24"L x 24"W. Weighs 13 lbs.

9500-34



ALLEGRO Y-DUCT CONNECTOR

Allegro's Y-Duct Connectors helps distribute air flow in multiple directions. Made of industrial grade galvanized sheet metal and is sized to fit standard 8" or 12" circular ducting. The adapter inlets measure 8"x 8"x 8" and 12"x 12"x 12" respectively. Easily connects to your ducting by using standard ring clamps. Using multiple Y-Duct Connectors with other fittings may reduce your air flow.

9500-Y 8" diameter Y-Duct Connector, 2½ lbs

9550-Y 12" diameter Y-Duct Connector, 4 lbs



ALLEGRO DUCT TO DUCT CONNECTOR

Allows safe connection of additional ducting for remote locations, this connector is constructed of galvanized steel with a raised lip to hold ducting in place.

9500-01 8" diameter 9550-01 12" diameter

9600-01 16" diameter 9650-01 20" diameter



ALLEGRO DUCTING

We can handle all your ducting needs with this extensive offering in 4 different diameters: 8", 12", 16" and 20". The 8" ducting is available in 6', 15' and 25' lengths. The 12", 16" and 20" are available in 15' and 25' lengths. Lightweight and retractable, this ducting is designed for maximum air handling capabilities and built for dual direction flow with minimum friction loss. Vinyl and polyester materials with PVC coating make this single ply duct stand up to any rugged environment. The non-collapsible design and yellow with black weather strip for visibility on the job, also meets ASTM 227 specs. Ducting provides temperature resistance up to 180°F.

9500-06 8 in. Diameter / 6 ft. Long

9550-06 12 in. Diameter / 6 ft. Long

9500-15 8 in. Diameter / 15 ft. Long

9550-15 12 in. Diameter / 15 ft. Long

9600-15 16 in. Diameter / 15 ft. Long

9650-15 20 in. Diameter / 15 ft. Long

9500-25 8 in. Diameter / 25 ft. Long

9550-25 12 in. Diameter / 25 ft. Long

9600-25 16 in. Diameter / 25 ft. Long

9650-25 20 in. Diameter / 25 ft. Long

PROTECTIVE GLOVES

**NITRILE DIPPED GLOVES 12/PACK**

White polyester gloves, 100% polyester machine knit shell provides quality comfort at an excellent value; grey, standard-grade polyurethane palm coating offers dexterity and grip; color-coded knit

SFSNDGL –Sizes L
SFSNDGXL –Sizes XL
SFSNDG2XL –Sizes 2XL

**POWDER-FREE NITRILE EXAMINATION GLOVES 50/pack**

100% latex-free nitrile provides a low-cost alternative for individuals who may be sensitive to latex allergies Soft and pliable construction for a comfortable fit during extended wear. Durable nitrile offers a diverse chemical and biological barrier compared to traditional latex and vinyl gloves.

SFSNEGS –Sizes S **SFSNEGL** –Sizes L
SFSNEGM –Sizes M **SFSNEGXL** –Sizes XL

HEAD PROTECTION

**3M™ HARD HAT H-702V-UV, WITH UVICATOR, VENTED, YELLOW, 4-POINT RATCHET SUSPENSION**

This award-winning, lightweight hard hat offers extended comfort and protection, and also features a sensor that changes color as the hard hat is exposed to UV light.

1-00-78371-65556-0 20 hard hats/case

PROTECTIVE SUITS

**RANDOR POLYPROPYLENE COVERALLS**

Standard Coveralls with hood and boots have an attached hood with elastic around the face opening as well as the wrists and ankles. Attached boots for covering of footwear and a front zipper closure.

SFS890 Sizes L-4XL



KIMBERLY-CLARK KLEENGUARD* A20 COVERALLS

Kleenguard A20 Breathable Particle Protection Coveralls - REFLEX design - Patented MICROFORCE™ Barrier SMS fabric - Barrier protection against dry particulates - Seamless front to provide more protection in the primary exposure areas - NFPA 99 Compliant Antistatic - Zipper flap

SFSA20L -Size L

SFSA20XL -Size XL

SFSA20XXL -Size 2XL

SFSA20XXXL -Size 3XL



3M™ DISPOSABLE CHEMICAL PROTECTIVE COVERALL SAFETY WORK WEAR

Disposable safety work wear made of a high quality laminated material with a breathable back panel for improved air circulation. Helps provide barrier protection against light liquid splashes and hazardous dusts.

0-00-51131-49812-9 -Size M

0-00-51131-49813-6 -Size L

0-00-51131-49814-3 -Size XL



3M™ DISPOSABLE PROTECTIVE COVERALL SAFETY WORK WEAR

Disposable safety work wear made of a high quality laminated material with a breathable back panel for improved air circulation. Helps provide barrier protection against light liquid splashes and hazardous dusts.

0-40-46719-46817-1 -Size M

0-40-46719-46822-5 -Size L

0-40-46719-46824-9 -Size XL



VITAFLEX SOFT-STRETCH HEAD COVER HOOD WHITE

Reduces risk of skin cancers by limiting the sun overexposure for those working outdoors on a daily basis. Latex free elastic non-woven fabrics. Two Designs: Open-Face Hood and Full-Cover hood. All Hoods come in Open-Face to change to the Full-Cover simply cut off the nose with scissors prior to wearing.

SFSV01

EYE PROTECTION


**3M™ GOGGLEGEAR™ SAFETY GOGGLES,
16616-00000-10 CLEAR LENS, BLACK FRAME**

GoggleGear™ safety goggles are fully assembled, featuring foam flange seals and vented channels to increase airflow, minimize fogging and keep out particulates. Can be used with existing 3M™ Lexa™ protective eyewear.

1-00-78371-62329-3


**3M™ SECUREFIT™ PROTECTIVE EYEWEAR,
CLEAR ANTI-FOG LENS**

Enhances comfort and security of fit with soft adjustable nose pads and dual injected temples. Polycarbonate lenses absorb 99.9% of UVA & UVB. Meets the requirements of ANSI Z87.1-2010.

1-00-78371-66211-7


**3M™ PROTECTIVE EYEWEAR, 14450-00000-20
CLEAR LENS, BLACK FRAME**

Features a distinctive unisex design with adjustable lens angles and temple lengths. Minimizes fogging with vertically vented browguard. Its wraparound lens helps provide front and side protection.

1-00-78371-62271-5


**3M™ LIGHT VISION™ PROTECTIVE EYEWEAR,
11489-00000-10 OTG, CLEAR ANTI-FOG LENS, LED LIGHTS**

An illuminating choice for detailed indoor or outdoor work, Light Vision™ protective eyewear features adjustable, hands-free LED lights, while its high wrap lens offers additional coverage. Fits over prescription glasses.

1-00-78371-62203-6


**3M™ LIGHT VISION™ PROTECTIVE EYEWEAR,
11356-00000-10 CLEAR LENS**

Dual LED lights provide hands-free lighting. Lights swivel and adjust. Long lasting batteries for up to 50 hours of continuous use. High wrap offers additional coverage. Soft temples and nosebridge. Meets the requirements of ANSI Z87.1-2003.

1-00-78371-62109-1


**3M™ VIRTUA™ CCS PROTECTIVE EYEWEAR W/FOAM
GASKET, CLEAR ANTI-FOG LENS**

Features a comfortable seal that helps limit eye exposure to nuisance dust while providing additional cushioning. The anti-fog lens coating and removable foam-lined gasket with airflow vents make this protective eyewear ideal for humid environments.

1-00-78371-11872-0



3M™ SAFETY SPLASH GOGGLE 334AF, 40661-00000-10 CLEAR ANTI FOG LENS

These safety splash goggles are a dependable and economical choice that offer a sturdy polycarbonate lens, adjustable elastic strap and a wide opening to fit over most prescription eyewear. It is built with an indirect venting system that circulates air and helps minimize fogging, allowing for use in varied environments and conditions.

1-00-78371-62140-4



3M™ TOUR-GUARD™ III PROTECTIVE EYEWEAR, 41200-00000-100 CLEAR LENS

Standard, economical Tour-Guard protective eyewear for site visitors or general use offers impact protection, wraparound sideshields and flexible, polycarbonate construction with over-the-glass coverage. Indoor or outdoor use safety glasses.

1-00-78371-62344-6



ADVANZ GOGGLES EYE PROTECTION

Advanz Safety Goggles Advanz Goggles are great for the spray foam industry. Whenever over spray gets on your lens, just turn the knob and the lens is clear. Good for up to 30 advanz's! The goggles save you tons of money and are disposable. Save your dollars by using Spray Foam...

SFS035



ADVANZ LENZ EYE PROTECTION

Advanz Lens Covers fit over all brands of full-faced respirators and are used for spray painting, spray foam installation or wherever "back spray" or vision is a problem. When spray paint or foam obstructs view, advance film for clear vision. Each lens cover contains enough film for 36 frame advances.

SFS036

MISCELLANEOUS TAPE

**3M™ PAPER TAPE 200 TAN**

A utility purpose paper tape for holding, bundling, sealing, non-critical masking tape and a vast number of other jobs where a pressure-sensitive tape is needed.

Item Number	Size	Grade
0-00-48011-53466-4	48 mm x 55 m	4.4 mil

**SCOTCH® BOX SEALING TAPE 371 CLEAR/TAN**

A valued performance polypropylene film box sealing tape.

Item Number	Color	Size
0-00-21200-13679-5	CLEAR	48 mm x 50 m
0-00-21200-15873-5	CLEAR	48 mm x 100 m
0-00-21200-14105-8	TAN	48 mm x 50 m
0-00-21200-15872-8	TAN	48 mm x 100 m

**3M™ ALL WEATHER FLASHING TAPE 8067**

Self-adhesive barrier to seal window and door openings against moisture intrusion. Tape has a unique, aggressive acrylic adhesive and thin backing, slit liner, tan.

Item Number	Size
0-00-51115-31620-3	4 in x 75 ft
0-00-51115-31621-0	6 in x 75 ft

**3M™ CONSTRUCTION SEAMING TAPE 8087 RED**

A printed 3 mil thick Polypropylene Sheathing Tape coated with an aggressive Acrylic pressure sensitive adhesive designed for use as a closure system and vapor seal on all interior and exterior sheathing materials.

Item Number	Size
0-00-51111-91774-9	48 mm x 50 m

**3M™ CONTRACTOR GRADE MULTI-USE DUCT TAPE 2979**

A waterproof polyethylene film over cloth scrim backing with a rubber adhesive used for a variety of duct tape applications. Individually wrapped, silver.

Item Number	Size	Grade
0-00-51115-63738-4	1.88 in x 60 yd	7.0 mil

**3M™ VALUE DUCT TAPE 1900**

Conformable cloth duct tape made with polyethylene film over cloth scrim and synthetic rubber adhesive. Individually wrapped, silver.

Item Number	Size	Grade
0-00-51115-23421-7	1.88 in x 50 yd	5.8 mil



3M™ CONTRACTOR GRADE PRO STRENGTH DUCT TAPE 3979

Composed of a waterproof polyethylene film over cloth scrim backing with a rubber adhesive used for demanding duct tape applications. Individually wrapped, silver.

Item Number	Size	Grade
0-00-51115-64070-4	1.88 in x 60 yd	8 mil



3M™ MULTI-PURPOSE DUCT TAPE 3900

A general purpose, conformable cloth duct tape made with polyethylene film over cloth scrim and rubber adhesive. A good choice for general maintenance, wrapping, sealing, protecting and color coding.

Item Number	Size	Grade	Color
0-00-21200-49830-5	48 mm x 54.8 m	7.7 mil	Red
0-00-21200-49833-6	48 mm x 54.8 m	7.7 mil	Black



3M™ FOIL TAPE 3340 SILVER

Aluminum foil backing and a pressure sensitive acrylic adhesive and paper liner. UL181A-P /B-FX Listed.

Item Number	Size	Grade
0-00-51111-07811-2	2.5 in x 60 yd	4.0 mil



3M™ FOIL TAPE 3381 SILVER

Annealed aluminum foil, acrylics pressure sensitive adhesive. The foil also serves as an excellent barrier against moisture, dust, flame, and certain chemicals. Acrylic adhesive supplies superior temperature, U.V. and solvent resistance.

Item Number	Size	Grade
0-00-51111-07812-9	1.88 in x 50 yd	2.7 mil



3M™ METALIZED FLEXIBLE DUCT TAPE 3350 SILVER

A polypropylene tape for use with flexible ducts.

Item Number	Size	Grade
0-00-51111-07817-4	48 mm x 109.6 m	3.1 mil



3M™ ROOF AND GUTTER REPAIR TAPE 3382 SILVER

A general purpose Aluminum Foil Tape offering two outer layers of aluminum foil surrounding a polyester film core combined with an acrylic pressure sensitive having an easy release PE coated Kraft liner, individually wrapped.

Item Number	Size	Grade
0-00-51111-07818-1	1.88 in x 10.9 yd	4.2 mil

LOW PRESSURE SYSTEMS



Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethan

W W W . S P R A Y F O A M S Y S . C O M



GREAT STUFF™ GAPS & CRACKS

Why use Gaps & Cracks?

- To conserve energy • To Save money • To keep pests out.

[157901](#) GREAT STUFF™ Gaps & Cracks 12 oz

[157911](#) GREAT STUFF™ Gaps & Cracks 20 oz

[341553](#) GREAT STUFF™ Gaps & Cracks 24 oz



GREAT STUFF™ BIG GAP FILLER

Why use Big Gap Filler?

- To fill gaps over 1 inch • To conserve energy • To Save money

[157906](#) GREAT STUFF™ Big Gap Filler 12 oz

[157913](#) GREAT STUFF™ Big Gap Filler 20 oz



GREAT STUFF™ WINDOW & DOOR

Why use Window & Door?

- To seal window and door frames • To conserve energy • To Save money

[175437](#) GREAT STUFF™ Window & Door 12 oz

[197711](#) GREAT STUFF™ Window & Door 20 oz



GREAT STUFF™ FIREBLOCK (U.S. ONLY)

Why use Fireblock?

- To impede the spread of smoke and fire
- To conserve energy • To Save money

[306179](#) GREAT STUFF™ Fireblock 12 oz



GREAT STUFF™ PESTBLOCK

Why use Pestblock?

- Blocks critters and bugs out • No pesticides • Long-lasting
- Helps improve home's energy efficiency

[11000714](#) GREAT STUFF™ Pestblock 12 oz



GREAT STUFF™ POND & STONE

Why use Pond & Stone?

- To fill outdoor gaps and cracks • To seal water features
- To bond landscape bricks

[283064](#) GREAT STUFF™ Pond & Stone 12 oz

DOW | ONE COMPONENT POLYURETHANE FOAM

GREAT STUFF PRO™ PRODUCTS



GREAT STUFF PRO™ WALL & FLOOR

GREAT STUFF PRO™ Wall & Floor Adhesive is a heavy-duty, premium-grade polyurethane foam adhesive for interior and exterior applications.
[343087](#) GREAT STUFF PRO™ Wall & Floor 26.5 oz



GREAT STUFF PRO™ WINDOW & DOOR

It's easy to form durable, airtight, water-resistant bonds to vinyl, wood and metal frames. This one-component, minimal-expanding, low pressure-build, flexible polyurethane foam is exclusively formulated to air seal the gap between a window or door frame and its rough opening.
[187273](#) GREAT STUFF PRO™ Window & Door 20 oz



GREAT STUFF PRO™ GAPS & CRACKS

As the first foam sealant to be recognized as a fireblock, GREAT STUFF PRO™ Gaps & Cracks inhibits the spread of flames through concealed spaces. It's a minimal-expanding, single component polyurethane foam sealant for general purpose building envelope air sealing.

[341557](#) GREAT STUFF PRO™ Gaps & Cracks 24 oz

[341558](#) GREAT STUFF PRO™ Gaps & Cracks 30 oz



GREAT STUFF PRO™ DISPENSING GUN CLEANER

- Makes application and clean-up simple
- Inexpensive, cost-effective solution

[259205](#) GREAT STUFF PRO™ Dispensing Gun Cleaner 12 oz

DISPENSING GUNS



GREAT STUFF PRO™ 13 DISPENSING GUN

- Economical model • Replaceable barbed dispensing nozzle

[230408](#) GREAT STUFF PRO™ 13 Dispensing Gun

GREAT STUFF PRO™ 14 DISPENSING GUN

- Durable, lightweight aluminum body • Nonstick can adapter and needle • Replaceable smooth dispensing nozzle

[230409](#) GREAT STUFF PRO™ 14 Dispensing Gun

[259201](#) GREAT STUFF PRO™ 14 Long Barrel Dispensing Gun

GREAT STUFF PRO™ 15 DISPENSING GUN

- Nonstick can adaptor, needle and check valve
- Smooth dispensing nozzle

[230410](#) GREAT STUFF PRO™ 15 Dispensing Gun

GREAT STUFF PRO™ SERIES ACCESSORIES

Item#	Description
371408	PRO 13 Barbed Metal
365962	PRO 13 Plastic tip
259200	PRO 13 Metal tip
332092	PRO 13 8" gun extender straw
332093	PRO 13, 15" gun extender straw
367846	PRO 14, smooth metal nozzle
371407	PRO 14, plastic tip
11007514	PRO 14, long barrel pro adhesive guide tip plastic (black)

**DOW™ GREAT STUFF™ WORK WIPES**

No matter how easy a job may seem or how much you prepare, a little mess is never out of the question. New GREAT STUFF™ Work Wipes provides easy clean-up for tough messes.

359308

FOMO • 3M | ONE COMPONENT POLYURETHANE FOAM

FIRE BARRIER

**3M™ FIRE BARRIER SEALANT CP 25WB+**

High-performance latex-based intumescent firestop sealant. When properly installed, this product provides up to 4-hour fire protection in tested and listed systems. Firestops items penetrating through fire-rated construction assemblies. Dries to red color, no mixing required.

- 0-00-51115-11638-4 Red Size 10.1 fl oz
- 0-00-51115-11642-1 Red Size 20 fl oz (sausage pack)
- 0-00-51115-11641-4 Red Size 27 fl oz
- 0-00-51115-11639-1 Red Size 2 gallon
- 0-00-51115-11640-7 Red Size 5 gallon

**3M™ FIRE BLOCK FOAM FB-FOAM**

Foam-in-place fireblock and draftstop for non-rated residential and commercial construction. Meets ASTM E 84 (mod) Class 1 for smoke spread and flame development and has been evaluated by the International Code Council Evaluation Service (ICC-ES) and complies with the International Building Code (IBC) and International Residential Code (IRC) per ICC-ES report ESR-3165.

- 0-00-51115-54907-6 Orange Size 12 fl oz



HANDI-FOAM® SEALANTS

POLYURETHANE FOAM SEALANT

Seals gaps and cracks to stop air infiltration.

Item#	Description	Coverage FT. @ 3/8"
P30002	12 OZ. HANDI-FOAM STRAW FOAM	887 FT.
P40002	12 OZ. HANDI-FOAM 40 SERIES STRAW FOAM	613 FT.
P30101	20 OZ. HANDI-FOAM STRAW FOAM	1474 FT.
P40101	24 OZ. HANDI-FOAM 40 SERIES STRAW FOAM	1222 FT.
P30107	24 OZ. HANDI-FOAM STRAW FOAM	1774 FT.
P30152	29 OZ. HANDI-FOAM STRAW FOAM	2139 FT.
P30115	24 OZ. HANDI-FOAM GUN FOAM	1957 FT.
P40115	24 OZ. HANDI-FOAM 40 SERIES GUN FOAM	1358 FT.
P30290	29 OZ. HANDI-FOAM GUN FOAM	2361 FT.
P40290	31 OZ. HANDI-FOAM 40 SERIES GUN FOAM	1757 FT.
P40340	I-160 HANDI-FOAM 40 SERIES CYLINDER FOAM WITH ACCESSORIES	8688 FT.
P40341	I-160 HANDI-FOAM 40 SERIES CYLINDER FOAM TANK ONLY	8688 FT.
P40540	I-260 HANDI-FOAM 40 SERIES CYLINDER FOAM WITH ACCESSORIES	13914 FT.
P40541	I-260 HANDI-FOAM 40 SERIES CYLINDER FOAM TANK ONLY	13914 FT.



FIREBLOCK POLYURETHANE FOAM SEALANT

Passes ICC-ES evaluation for use as a fireblock.

Item#	Description	Coverage FT. @ 3/8"
P30192	24 OZ. HANDI-FOAM FIREBLOCK STRAW FOAM	1774 FT.
P30181	24 OZ. HANDI-FOAM FIREBLOCK GUN FOAM	1957 FT.



BLACK POLYURETHANE FOAM SEALANT

Black in color for blending or camouflaging.

Item#	Description	Coverage FT. @ 3/8"
P30053	12 OZ. HANDI-FOAM BLACK STRAW FOAM	887 FT.
P30251	24 OZ. HANDI-FOAM BLACK GUN FOAM	1957 FT.
P30295	29 OZ. HANDI-FOAM BLACK GUN FOAM	2361 FT.



EXTREME POLYURETHANE FOAM SEALANT

Formulated for use in extreme cold temperatures and low humidity conditions.

Item#	Description	Coverage FT. @ 3/8"
P30120	24 OZ. HANDI-FOAM EXTREME GUN FOAM	1856 FT.



POLYURETHANE ECO FOAM SEALANT

Contains over 10% renewable resources.

Item#	Description	Coverage FT. @ 3/8"
P30094	20 OZ. HANDI-FOAM ECO FOAM STRAW FOAM	1087 FT.
P30095	20 OZ. HANDI-FOAM ECO FOAM GUN FOAM	1772 FT.



HANDI-SEAL® WINDOW & DOOR

Low pressure build formulation will not bow windows or door frames.

Item#	Description	Coverage FT. @ 3/8"
P10131	24 OZ. HANDI-SEAL WINDOW & DOOR GUN FOAM	1290 FT.
P10141	24 OZ. HANDI-SEAL WINDOW & DOOR STRAW FOAM	950 FT.

FOMO | ONE COMPONENT POLYURETHANE FOAM

HANDI-SEAL® WINDOW
& DOOR SEALANTS**WINDOW & DOOR ECO FOAM SEALANT**

Low pressure build; contains over 10% renewable resources.

Item#	Description	Coverage FT. @ 3/8"
P30096	20 OZ. HANDI-SEAL ECO FOAM STRAW FOAM	1087 FT.
P30097	20 OZ. HANDI-SEAL ECO FOAM GUN FOAM	1772 FT.

HANDI-STICK® ADHESIVES

**POLYSTYRENE CONSTRUCTION**

Formulated for use with ICF's, foam shapes and foam boards.

Item#	Description	Coverage FT. @ 3/8"
P30132	24 OZ. HANDI-STICK POLYSTYRENE CONSTRUCTION GUN FOAM	2126 FT.
P30162	31 OZ. HANDI-STICK POLYSTYRENE CONSTRUCTION GUN FOAM	2752 FT.

**GENERAL USE**

One can equals up to 30 standard tubes of caulk.

Item#	Description	Coverage FT. @ 3/8"
P10178	20 OZ. HANDI-STICK GENERAL USE GUN FOAM	1462 FT.

**SUBFLOOR**

Provides permanent adhesion to wet, dry and frozen lumber.

Item#	Description	Coverage FT. @ 3/8"
P10130	24 OZ. HANDI-STICK SUBFLOOR GUN FOAM	1560 FT.



HT300

A solid performing entry level dispensing unit for the professional contractor.

Item#	Description
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F61050	7" HT300 HANDI-TOOL
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HT500

An intermediate dispensing unit designed for the professional contractor for frequent use.

Item#	Description
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F61039	7" HT500 HANDI-TOOL
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HT700

A premium all metal dispensing unit designed for the professional contractor for frequent use.

Item#	Description
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F61030	7" HT700 HANDI-TOOL
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SPECIALTY

Dispensing units for unique applications.

Item#	Description
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F61020	22" DISPENSING TOOL
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F61110	7" CONVERTIBLE DISPENSING TOOL
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PARTS & ACCESSORIES



1/4 BRASS BALL VALVE F61250A



ADAPTER FOR GUN USE WITH CYLINDER F61125



BARBED METAL TIP REPLACEMENT KIT F61117



UNIVERSAL BASKET ADAPTER REPLACEMENT KIT F61112

ONE-COMPONENT FOAM ACCESSORIES

Item#	Description
P10083	12 OZ. HANDI-CLEANER®
F61112	UNIVERSAL BASKET ADAPTER REPLACEMENT KIT (FOR F61030, F61110, F61020)
F61117	BARBED METAL TIP REPLACEMENT KIT (3 TIPS) (FOR F61030, F61110)
F61125	ADAPTER FOR GUN USE WITH CYLINDER
F61165	45° ELBOW BASKET EXTENSION (FOR F61020)
F61250A	1/4 BRASS BALL VALVE
F62180	160/260 HOSE ASSEMBLY*
E54100	4" PLASTIC NOZZLE (FOR CYLINDER ONLY)
E54130	6" BRASS NOZZLE (FOR CYLINDER ONLY)
E54140	10" BRASS NOZZLE (FOR CYLINDER ONLY)
E54250	PLASTIC EXTENSION TIPS (5 PACK) (FOR F61050, F61039)



HANDI-CLEANER P10083



PLASTIC EXTENSION TIPS (5 PACK) E54250



3M™ FOAM FAST 74 CLASSIC SPRAY ADHESIVE ORANGE ORIGINAL FORMULA

Fast grabbing foam bonding adhesive in a convenient aerosol can. Not for sale or use in CA and other states. Consult local air quality rules before use.

0-00-21200-96316-2 Size 24 fl oz



3M™ SUPER 77™ MULTIPURPOSE SPRAY ADHESIVE

High tack, high coverage and fast drying adhesive.

0-00-21200-21210-9 Size 24 fl oz



3M™ POLYSTYRENE FOAM INSULATION 78 SPRAY ADHESIVE CLEAR

High strength, high temperature resistant, industrial grade spray adhesive. Adjustable lace spray minimizes overspray and clean up.

0-00-21200-41593-7 Size 24 fl oz



3M™ HI-STRENGTH 90 SPRAY ADHESIVE CLEAR

Industrial high strength contact adhesive. High temperature resistance. Variable width lace spray pattern.

0-00-51111-07278-3 Size 24 fl oz inverted

0-00-21200-30023-3 Size 24 fl oz



3M™ HEAVY DUTY 20 SPRAY ADHESIVE CLEAR

High strength, fast grabbing, industrial grade, lace spray aerosol adhesive.

0-00-51111-07861-7 Size 20 fl oz



3M™ MULTI-PURPOSE 27 SPRAY ADHESIVE CLEAR

A versatile, economical, industrial grade, mist spray aerosol adhesive.

0-00-51111-07832-7 Size 20 fl oz

SPRAY ADHESIVE TANKS

**3M™ SILICONE LUBRICANT**

A silicone base release agent for industrial lubrication applications.

0-00-21200-85822-2 Size 24 fl oz

**3M™ SCOTCH-WELD™ GENERAL PURPOSE 60 CA CYLINDER SPRAY ADHESIVE CLEAR**

Low VOC general purpose industrial grade spray adhesive. Packaged in pre-pressurized canister for an easy to use, maintenance free delivery system, clear.

0-00-48011-61687-2 Large Cylinder Net Wt. 27.2 lbs

**3M™ SCOTCH-WELD™ HOLDFAST 70 CYLINDER SPRAY ADHESIVE CLEAR**

Extremely versatile, fast tacking industrial grade spray adhesive with a unique wide-web spray pattern. Ideal for bonding a variety of substrates, including polystyrene.

0-00-48011-61690-2 Large Cylinder Net Wt. 27.3 lbs

**3M™ SCOTCH-WELD™ NON-FLAMMABLE FOAM FAST 74NF CYLINDER SPRAY ADHESIVE CLEAR**

Non-flammable, extremely fast tacking industrial grade spray adhesive for bonding foam and fabric. Packaged in pre-pressurized canister for an easy to use, maintenance free delivery system.

0-00-21200-97160-0 Large Cylinder Net Wt. 37 lbs

**3M™ SCOTCH-WELD™ SUPER 77™ CYLINDER SPRAY ADHESIVE CLEAR**

High tack, high coverage and fast drying adhesive.

0-00-51115-25776-6 Large Cylinder Net Wt. 29.3 lbs

DISPOSABLE HANDI-FOAM® SPRAY POLYURETHANE FOAM (SPF)

**QUICK CURE**

Stops air infiltration and insulates.

Item#	Description	Density	Coverage BDFT.
P10600	II-12 HANDI-FOAM	1.75 LB./FT. ³	12 BDFT.
P10650	II-22 HANDI-FOAM	1.75 LB./FT. ³	22 BDFT.
P10700	II-105 HANDI-FOAM	1.75 LB./FT. ³	105 BDFT.
P10720	II-205 HANDI-FOAM	1.75 LB./FT. ³	205 BDFT.
P10749	II-605 HANDI-FOAM	1.75 LB./FT. ³	605 BDFT.

**E-84 CLASS 1+**

Meets building code requirements for Class 1 materials.

Item#	Description	Density	Coverage BDFT.
P10705	II-105 HANDI-FOAM E-84 CLASS 1	1.75 LB./FT. ³	105 BDFT.
P10726	II-205 HANDI-FOAM E-84 CLASS 1	1.75 LB./FT. ³	205 BDFT.
P10762	II-605 HANDI-FOAM E-84 CLASS 1	1.75 LB./FT. ³	605 BDFT.

**SPF ROOF PATCH**

Meets commercial roofing codes for compressive strength.

Item#	Description	Density	Coverage BDFT.
P10695	II-75 HANDI-FOAM	2.5 LB./FT. ³	75 BDFT.
P10725	II-145 HANDI-FOAM	2.5 LB./FT. ³	145 BDFT.
P10750	II-425 HANDI-FOAM	2.5 LB./FT. ³	425 BDFT.

**COMMERCIAL VEHICLE**

Black color blends with vehicles; seals and stabilizes vehicle.

Item#	Description	Density	Coverage BDFT.
P10706	II-105 HANDI-FOAM	1.75 LB./FT. ³	105 BDFT.
P10733	II-205 HANDI-FOAM	1.75 LB./FT. ³	205 BDFT.
P10756	II-605 HANDI-FOAM	1.75 LB./FT. ³	605 BDFT.

FOMO | TWO COMPONENT POLYURETHANE FOAM

DISPOSABLE HANDI-FOAM® SPRAY
POLYURETHANE FOAM (SPF)**SOUND BARRIER**

Reduces noise levels and deadens sound; open cell formulation.

Item#	Description	Density	Coverage BDFT.
P10697	II-250 HANDI-FOAM	.75 LB./FT. ³	250 BDFT.
P10714	II-450 HANDI-FOAM	.75 LB./FT. ³	450 BDFT.
P10747	II-1350 HANDI-FOAM	.75 LB./FT. ³	1350 BDFT.

DISPOSABLE HANDI-FLOW® POUR-IN-PLACE
POLYURETHANE FOAM (PIP)**CAVITY FILL**

Designed to fill and insulate blind cavities and voids.

Item#	Description	Density	Coverage BDFT.
P10766	2-44 HANDI-FLOW CAVITY FILL	2.0 LB./FT. ³	44 FT.3

**SLOW RISE**

Meets the Coast Guard specification requirements for flotation in Title 33 Code of Federal Regulations paragraph 183.114

Item#	Description	Density	Coverage BDFT.
P10709	2-7 HANDI-FLOW SLOW RISE	2.0 LB./FT. ³	7 FT.3
P10732	2-13 HANDI-FLOW SLOW RISE	2.0 LB./FT. ³	13 FT.3
P10760	2-43 HANDI-FLOW SLOW RISE	2.0 LB./FT. ³	43 FT.3



CHANNEL FILL

Handi-Flow Channel Fill was created to solve a variety of application problems. Handi-Flow Channel Fill is available in both disposable and refillable packaging, meaning that getting in and out of small spaces, to the top of large buildings or even moving floor to floor can be done easily. This product was built to move!

Item#	Description	Coverage
P50001	2-15 HANDI-FLOW CHANNEL FILL KIT	15 FT. ³
P50002	2-44 HANDI-FLOW CHANNEL FILL KIT	44 FT. ³



FAN NOZZLE



CONE NOZZLE



METERING CLIP
F66181

DISPOSABLE FOAM KIT ACCESSORIES

Item#	Description
P10083	12 OZ. HANDI-CLEANER®
F66155	COMBO NOZZLE (8 PACK) (3 FAN/5 CONE) FOR HANDI-GUN®
F66160	CONE NOZZLE (8 PACK) FOR HANDI-GUN
F66170	CONE NOZZLE (50 PACK) FOR HANDI-GUN
F66180	FAN NOZZLE (8 PACK) FOR HANDI-GUN
F66190	FAN NOZZLE (50 PACK) FOR HANDI-GUN
F66210	15' HANDI-GUN HOSE ASSEMBLY (AVAILABLE FOR II-605 ONLY) WITH ON/OFF VALVE
G71905	TWO-COMPONENT NOZZLE AND MIXING ELEMENT FOR II-12/II-22
F66181	HANDI-GUN TRIGGER STOP METERING CLIP (3 PACK)



HANDI-CLEANER
P10083



**15' HANDI-GUN
HOSE ASSEMBLY**
F66210

FOMO | TWO COMPONENT POLYURETHANE FOAM

REFILLABLE HANDI-FOAM® SPRAY POLYURETHANE FOAM (SPF)

**QUICK CURE**

Stops air infiltration and insulates.

Item#	Description	Density	Coverage BDFT.
P22000	SYSTEM 17 HANDI-FOAM REFILL	1.75 LB./FT. ³	1980 BDFT.
P22100	SYSTEM 27 HANDI-FOAM REFILL	1.75 LB./FT. ³	3120 BDFT.
P22500	SYSTEM 60 HANDI-FOAM REFILL	1.75 LB./FT. ³	6840 BDFT.
P22700	SYSTEM 100 HANDI-FOAM REFILL	1.75 LB./FT. ³	11400 BDFT.

**E-84 CLASS 1+**

Meets building code requirements for Class 1 materials.

Item#	Description	Density	Coverage BDFT.
P22070	SYSTEM 17 HANDI-FOAM REFILL	1.75 LB./FT. ³	1980 BDFT.
P22270	SYSTEM 27 HANDI-FOAM REFILL	1.75 LB./FT. ³	3120 BDFT.
P22470	SYSTEM 60 HANDI-FOAM REFILL	1.75 LB./FT. ³	6840 BDFT.
P22670	SYSTEM 100 HANDI-FOAM REFILL	1.75 LB./FT. ³	11400 BDFT.

**COMMERCIAL VEHICLE**

Black color blends with vehicles; seals and stabilizes vehicle.

Item#	Description	Density	Coverage BDFT.
P22040	SYSTEM 17 HANDI-FOAM REFILL	1.75 LB./FT. ³	1980 BDFT.
P22240	SYSTEM 27 HANDI-FOAM REFILL	1.75 LB./FT. ³	3120 BDFT.
P22440	SYSTEM 60 HANDI-FOAM REFILL	1.75 LB./FT. ³	6840 BDFT.
P22640	SYSTEM 100 HANDI-FOAM REFILL	1.75 LB./FT. ³	11400 BDFT.



CAVITY FILL

Designed to fill and insulate blind cavities and voids.

Item#	Description	Density	Coverage FT. ³ (M ²)
P22054	SYSTEM 17 HANDI-FLOW CAVITY FILL	2.0 LB./FT. ³	128 FT. ³
P22254	SYSTEM 27 HANDI-FLOW CAVITY FILL	2.0 LB./FT. ³	213 FT. ³
P22454	SYSTEM 60 HANDI-FLOW CAVITY FILL	2.0 LB./FT. ³	458 FT. ³
P22654	SYSTEM 100 HANDI-FLOW CAVITY FILL	2.0 LB./FT. ³	787 FT. ³

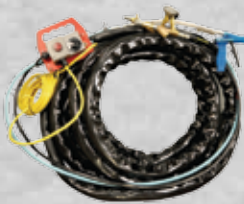


SLOW RISE

Meets the Coast Guard specification requirements for flotation in Title 33 Code of Federal Regulations paragraph 183.114.

Item#	Description	Density	Coverage FT. ³ (M ²)
P22045	SYSTEM 17 HANDI-FLOW CAVITY FILL	2.0 LB./FT. ³	128 FT. ³
P22245	SYSTEM 27 HANDI-FLOW CAVITY FILL	2.0 LB./FT. ³	213 FT. ³
P22445	SYSTEM 60 HANDI-FLOW CAVITY FILL	2.0 LB./FT. ³	458 FT. ³
P22645	SYSTEM 100 HANDI-FLOW CAVITY FILL	2.0 LB./FT. ³	787 FT. ³

FOMO • DOW | TWO COMPONENT POLYURETHANE FOAM

MAGNUM HEATED SYSTEM®
DISPENSING EQUIPMENT

MAGNUM HEATED SYSTEM® HOSE ASSEMBLY

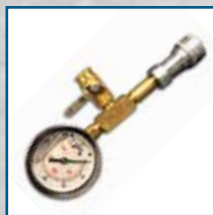
Item#	Description
F66240	50' MAGNUM HEATED HOSE ASSEMBLY
F66260	150' MAGNUM HEATED HOSE ASSEMBLY



MAGNUM HEATED SYSTEM® TANK WRAP

Item#	Description
F65230	HEATED TANK WRAPS FITS REFILL SYSTEMS 17/27
F65231	HEATED TANK WRAPS FITS REFILL SYSTEMS 60/100

REFILLABLE PARTS AND ACCESSORIES





NITROGEN
REGULATOR
F65005HOSE-TO-HOSE
ON/OFF VALVES
F65160REFILL TANK
PRESSURE GAUGE
F65301

REFILLABLE FOAM SYSTEM ACCESSORIES

Item#	Description
P10083	12 OZ. HANDI-CLEANER®
F65005	NITROGEN REGULATOR (ONLY)
F65070	TANK-TO-HOSE CONNECTOR WITH TEMP. GAUGE (A-SIDE)
F65080	TANK-TO-HOSE CONNECTOR WITH TEMP. GAUGE (B-SIDE)
F65090	6' NITROGEN HOSE WITH COUPLING (A)
F65100	6' NITROGEN HOSE WITH COUPLING (B)
F65160	HOSE-TO-GUN ON/OFF VALVE (A OR B)
F65180	REGULATOR WITH NITROGEN LINE ASSEMBLY (QUICK DISCONNECT)
F65301	REFILL TANK PRESSURE GAUGE
F66170	CONE NOZZLE 50-PACK
F66181	HANDI-GUN® TRIGGER STOP METERING CLIP (3 PACK)
F66190	FAN NOZZLE 50-PACK
F66220	10" HANDI-GUN HOSE ASSEMBLY

FROTH-PAK™ FOAM SEALANT - KITS

FROTH-PAK™ spray polyurethane foam is a two-component, quick-cure foam that fills cavities, cracks and expansion joints for insulation and air sealing. It is available in disposable kits for smaller jobs and refillable cylinders for applications that require a greater amount.

					
Foam System (All products have 15-month shelf life)	FROTH-PAK™ 12	FROTH-PAK™ 120	FROTH-PAK™ 200	FROTH-PAK™ 620	
R-Value ⁽¹⁾ Aged (initial)	4.6 (6.3)	5.5 (6.0)	5.5 (6.0)	5.5 (6.0)	
Part Numbers	308900	346965	346963	"A": 341171 "B": 347036	GHA: 158398
Density, pcf	1.9	1.75	1.75	1.75	NA
Theoretical Yield ⁽²⁾ , bd ft	12	120	200	620	NA
Kit Contents	1 Iso (A) can 1 Polyol (B) can 1 thumb-controlled spray dispenser with hoses 1 shoulder strap assembly 3 Caulk white spray nozzles - 259211	1 Iso (A) cylinder 1 Polyol (B) cylinder 6 Cone white spray nozzles - 259219 4 Fan spray nozzles - 259216 9 ft. gun hose assembly (GHA) 1 petroleum jelly packet	1 Iso (A) cylinder 1 Polyol (B) cylinder 6 Cone white spray nozzles - 259219 4 Fan spray nozzles - 259216 9 ft. gun hose assembly (GHA) 1 petroleum jelly packet	1 Iso (A) cylinder 1 Polyol (B) cylinder	8 Cone white spray nozzles 259219 4 Fan spray nozzles 259216 15 ft. gun hose assembly (GHA) 1 petroleum jelly packet
Shipping Information	40 lb (18.1 kg) 12 kits per case 12 cases/pallet	29 lb (13.2 kg)/kit 26 kits/pallet	42 lb (18.6 kg)/kit 26 kits/pallet	118 lb/kit (A & B) 12 sets/pallet 60 lb (A) Comp 58 lb (B) Comp	

DOW | TWO COMPONENT POLYURETHANE FOAM

FROTH-PAK™ TWO-COMPONENT SPRAY POLYURETHANE FOAM SYSTEMS

FROTH-PAK™ FOAM INSULATION - KITS (U.S. ONLY)



Foam System (All products have 15-month shelf life)	FROTH-PAK™ 200	FROTH-PAK™ 620	
R-Value ⁽¹⁾ Aged (initial)	5.6 (6.6)	5.6 (6.6)	
Part Numbers	340316	"A": 340317 "B": 340320	GHA:158398
Density, pcf	1.75	1.75	
Theoretical Yield ⁽²⁾ , bd ft	200	620	NA
Kit Contents	1 Iso (A) cylinder 1 Polyol (B) cylinder 8 Cone white spray nozzles - 259219 4 Fan white spray nozzles - 259216 9 ft. gun hose assembly (GHA) 1 petroleum jelly packet	1 Iso (A) cylinder 1 Polyol (B) cylinder	8 Cone white spray nozzles - 259219 4 Fan white spray nozzles - 259216 15 ft. gun hose assembly (GHA) 1 petroleum jelly packet
Shipping Information	42 lb/kit 26 kits/pallet	118 lb/kit (A & B) 12 sets/pallet 60 lb (A) Comp 58 lb (B) Comp	

FROTH-PAK™ FOAM INSULATION - REFILLABLE CYLINDERS⁽³⁾ (U.S. ONLY)

Foam System (All products have 15-month shelf life)	FROTH-PAK™ 17	FROTH-PAK™ 60	FROTH-PAK™ 120	FROTH-PAK™ 350
R-Value ⁽¹⁾ Aged (initial)	5.6 (6.6)	5.6 (6.6)	5.6 (6.6)	5.6 (6.6)
Part Numbers	"A": 340334 "B": 340321	"A": 340337 "B": 340323	"A": 340336 "B": 340322	"A": 340338 "B": 340324
Density, pcf	1.75	1.75	1.75	1.75
Theoretical Yield ⁽²⁾ , bd ft	2,060	6,860	15,430	43,890
Shipping Information	Empty cylinder: 60 each Chemical: 150 net Total cylinder weight: 210 each Total system weight: 420	Empty cylinder: 240 each Chemical: 500 net Total cylinder weight: 740 each Total system weight: 1,480	Empty cylinder: 390 each Chemical: 1,125 net Total cylinder weight: 1,515 each Total system weight: 3,030	Empty cylinder: 1,000 each Chemical: 3,200 net Total cylinder weight: 4,200 each Total system weight: 8,400

(1) R-value per inch; ft²•h•°F/Btu; aged LTTR measured at 2" thick (2) The theoretical yield has become an industry standard for identifying certain sizes of two-component kits. Theoretical yield calculations are performed in perfect laboratory conditions, without taking into account the loss of blowing agent or the variations in application methods and types (3) Gun hose assembly and nozzles available

FROTH-PAK™ FOAM SEALANT - SPECIALTY KITS



Foam System (All products have 15-month shelf life)	FROTH-PAK™ 115 High Density	FROTH-PAK™ 160 Slow Rise
R-Value ⁽¹⁾ Aged (initial)	4.5 (5.2)	4.9 (6.4)
Part Numbers	307466	309410
Density, pcf	3.4	2.9
Theoretical Yield ⁽²⁾ , bd ft	90	125
Kit Contents	1 Iso (A) cylinder 1 Polyol (B) cylinder 6 Cone white spray nozzles - 259219 4 Fan spray nozzles - 259216 9 ft. gun hose assembly (GHA) 1 petroleum jelly packet	1 Iso (A) cylinder 1 Polyol (B) cylinder 6 Cone white spray nozzles - 259219 4 Fan spray nozzles - 259216 9 ft. gun hose assembly (GHA) 1 petroleum jelly packet
Shipping Information	41 lb (18.6 kg)/kit 26 kits/pallet	42 lb (19.1 kg)/kit 26 kits/pallet

FROTH-PAK™ FOAM SEALANT - REFILLABLE CYLINDERS⁽³⁾

Foam System (All products have 15-month shelf life)	FROTH-PAK™ 17	FROTH-PAK™ 60	FROTH-PAK™ 120	FROTH-PAK™ 350
R-Value ⁽¹⁾ Aged (initial)	5.5 (6.0)	5.5 (6.0)	5.5 (6.0)	5.5 (6.0)
Part Numbers	"A": 341167 "B": 345347	"A": 341165 "B": 345344	"A": 341168 "B": 345346	"A": 341166 "B": 345348
Density, pcf	1.75	1.75	1.75	1.75
Theoretical Yield ⁽²⁾ , bd ft	2,060	6,860	15,430	43,890
Shipping Information	Empty cylinder: 60 each Chemical: 150 net Total cylinder weight: 210 each Total system weight: 420	Empty cylinder: 240 each Chemical: 500 net Total cylinder weight: 740 each Total system weight: 1,480	Empty cylinder: 390 each Chemical: 1,125 net Total cylinder weight: 1,515 each Total system weight: 3,030	Empty cylinder: 1,000 each Chemical: 3,200 net Total cylinder weight: 4,200 each Total system weight: 8,400

(1) R-value per inch; ft²•h•°F/Btu; aged LTTR measured at 2" thick (2) The theoretical yield has become an industry standard for identifying certain sizes of two-component kits. Theoretical yield calculations are performed in perfect laboratory conditions, without taking into account the loss of blowing agent or the variations in application methods and types (3) Gun hose assembly and nozzles available

DOW • SFS | TWO COMPONENT POLYURETHANE FOAM

FROTH-PAK™ TWO-COMPONENT SPRAY
POLYURETHANE FOAM SYSTEMS

FROTH-PAK™ KIT ACCESSORIES



FROTH-PAK™ 620 KIT

Item#

SFS620A

SFS62015A

SFS62030A

SFS620

SFS62015

SFS62030

Accessory Description

DOW FROTH-PAK 620 CLASS A BARE KIT

DOW FROTH-PAK 620 CLASS A COMPLETE KIT WITH
15' GUN HOSE ASSEMBLYDOW FROTH-PAK 620 CLASS A COMPLETE KIT WITH
30' GUN HOSE ASSEMBLY

DOW FROTH-PAK 620 BARE KIT

DOW FROTH-PAK 620 COMPLETE KIT WITH
15' GUN HOSE ASSEMBLYDOW FROTH-PAK 620 COMPLETE KIT WITH
30' GUN HOSE ASSEMBLY

FROTH-PAK™ KIT ACCESSORIES

Item#

158336

158398

158399

364530

259219

259218

259217

259121

259211

259216

259215

259214

259220

259206

Accessory Description

8" GUN HOSE ASSEMBLY

15' GUN HOSE ASSEMBLY

30' GUN HOSE ASSEMBLY

A-SIDE ISO FILTER

CONE SPRAY, WHITE BACK MEDIUM OUTPUT NOZZLE 4 LB/MIN

CONE SPRAY, GRAY BACK HIGH OUTPUT NOZZLE 6-7 LB/MIN

CONE SPRAY, BLACK BACK HIGHEST OUTPUT NOZZLE 8-10 LB/MIN

CAULKING NOZZLE, YELLOW BACK LOW OUTPUT NOZZLE 2 LB/MIN

CAULKING NOZZLE, WHITE BACK MEDIUM OUTPUT NOZZLE 4 LB/MIN

FAN SPRAY, WHITE BACK MEDIUM OUTPUT NOZZLE 4 LB/MIN

FAN SPRAY, GRAY BACK HIGH OUTPUT NOZZLE 6-7 LB/MIN

FAN SPRAY, BLACK BACK HIGHEST OUTPUT NOZZLE 8-10 LB/MIN

POURING NOZZLE, BLACK BACK HIGHEST OUTPUT NOZZLE 8-10 LB/MIN

CALIBRATION NOZZLE BLACK BACK





SFS PROFESSIONAL DIY 1700-2000 BOARD FEET PAK+

+Pak Includes 35' Spray Hose Assembly, (2) InstaFlow Gun Hose Assembly, (25) Fan Tips, (5) Calibration Nozzles (1) Half Mask Respirator, (1) Set of Respirator Cartridges (1) Safety Goggle, (2) Suits, (2) Gloves, (2) Regulators with Hose, (1) Instruction Manual – TANK DEPOSIT DUE FOR ALL DiyPAK ORDERS

Item# DIYPAK17

SFS PROFESSIONAL DIY 6000-7000 BOARD FEET PAK+

+Pak Includes 75' Spray Hose Assembly, (2) InstaFlow Gun Hose Assembly, (35) Fan Tips, (10) Calibration Nozzles (1) Half Mask Respirator, (1) Set of Respirator Cartridges (1) Safety Goggle, (2) Suits, (2) Gloves, (2) Regulators with Hose, (1) Instruction Manual – TANK DEPOSIT DUE FOR ALL DiyPAK ORDERS

Item# DIYPAK60

SFS PROFESSIONAL DIY 12000-14000 BOARD FEET PAK+

+Pak Includes 75' Spray Hose Assembly, (2) InstaFlow Gun Hose Assembly, (50) Fan Tips, (15) Calibration Nozzles (1) Half Mask Respirator, (1) Set of Respirator Cartridges (1) Safety Goggle, (2) Suits, (2) Gloves, (2) Regulators with Hose, (1) Instruction Manual – TANK DEPOSIT DUE FOR ALL DiyPAK ORDERS

Item# DIYPAK120

3M | TWO COMPONENT POLYURETHANE FOAM

3M™ SPRAY FOAM INSULATION

3M™ 2-COMPONENT SPRAY FOAM INSULATION SFI-175

A two-component polyurethane froth foam insulation specifically designed for homes and commercial buildings. Must order both parts A and B.

- Class I, 1.75 lb. density, closed cell foam
- Cost effective refill system; no container disposal problems
- Ideal for small and medium jobs

Item#	Part	Size
0-00-51115-65373-5	A	17 GALLON (NET WEIGHT 148.5 LBS)
0-00-51115-65376-6	B	17 GALLON (NET WEIGHT 133.7 LBS)
0-00-51115-65374-2	A	60 GALLON (NET WEIGHT 594 LBS)
0-00-51115-65377-3	B	60 GALLON (NET WEIGHT 534 LBS)
0-00-51115-65372-8	A	120 GALLON (NET WEIGHT 1114 LBS)
0-00-51115-65375-9	B	120 GALLON (NET WEIGHT 990 LBS)

3M™ CART MOUNT

Item#	Accessory Description
0-00-51115-65461-9	3M™ SPRAY FOAM INSULATION DISPENSER F2000A W/10 FOOT WHIPS (W/AIR ASSIST)
0-00-51115-65636-1	3M™ IN901 SINGLE REGULATOR FOR AUTO CALIBRATOR - ASSEMBLED - COMPLETE
0-00-51115-65609-5	3M™ IN100C AUTO CALIBRATOR, ASSEMBLED, COMPLETE, FOR CART MOUNT - NO CART INCLUDED
0-00-51115-65634-7	3M™ IN800 SPARE PARTS KIT FOR AUTO CALIBRATOR
0-00-51115-65607-1	3M™ IN500 AUTO CALIBRATOR CART
0-00-51115-65616-3	3M™ IN120A 3/8 INCH RED "R" WHIP - 32 INCH - COMPLETE
0-00-51115-65618-7	3M™ IN120B 3/8 INCH BLUE "B" WHIP - 18 INCH - COMPLETE
0-00-51115-65631-6	3M™ IN218 CYLINDER VENT VALVE

3M™ WALL MOUNT

Item#	Accessory Description
0-00-51115-65461-9	3M™ SPRAY FOAM INSULATION DISPENSER F2000A W/10 FOOT WHIPS (W/AIR ASSIST)
0-00-51115-65636-1	3M™ IN901 SINGLE REGULATOR FOR AUTO CALIBRATOR - ASSEMBLED - COMPLETE
0-00-51115-65610-1	3M™ IN100W AUTO CALIBRATOR, ASSEMBLED, COMPLETE, FOR WALL MOUNT
0-00-51115-65634-7	3M™ IN800 SPARE PARTS KIT FOR AUTO CALIBRATOR
0-00-51115-65620-0	3M™ IN122A 3/8 INCH RED "R" SIDE FILTER UNIT COMPLETE - 72 INCH
0-00-51115-65621-7	3M™ IN122B 3/8 INCH BLUE "B" SIDE FILTER UNIT COMPLETE - 72 INCH
0-00-51115-65631-6	3M™ IN218 CYLINDER VENT VALVE

3M™ HOSE OPTIONS

Item#	Accessory Description
0-00-51115-65537-1	3M™ H310 3/8" X 50' W/AIR ASSIST MIX/SCUFF GUARD AND INSULATION TAPE
0-00-51115-65539-5	3M™ H330 3/8" X 100' W/SCUFF GUARD, INSULATION, AND HEAT TAPE
0-00-51115-65541-8	3M™ H340 3/8 IN X 150 FEET W/AIR ASSIST MIX/SCUFF GUARD AND INSULATION TAPE

3M™ LUBRICANT & CLEANER

Item#	Accessory Description
0-00-51115-65430-5	3M™ AUTO CALIBRATOR LUBRICANT IN109, 1 GALLON CONTAINER
0-00-51115-65440-4	3M™ AUTO CALIBRATOR LUBRICANT IN159, 5 GALLON PAIL
0-00-51115-65432-9	3M™ POLYURETHANE SOLVENT CLEANER PS1, 16 FL. OZ. AEROSOL CAN, NET WT 11.5 OZ
0-00-51115-65431-2	3M™ POLYURETHANE SOLVENT CLEANER PS1, 16 FL. OZ. AEROSOL CAN, NET WT 11.5 OZ

PARTS INDEX AND DIAGRAMS



Your **ONE** Source for Everything Spray Foam, Polyurea,
Protective Coatings & Geotechnical Polyurethane

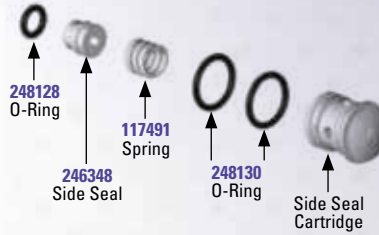
WWW.SPRAYFOAMSYS.COM

FUSION AP SPRAY GUN BREAKDOWN

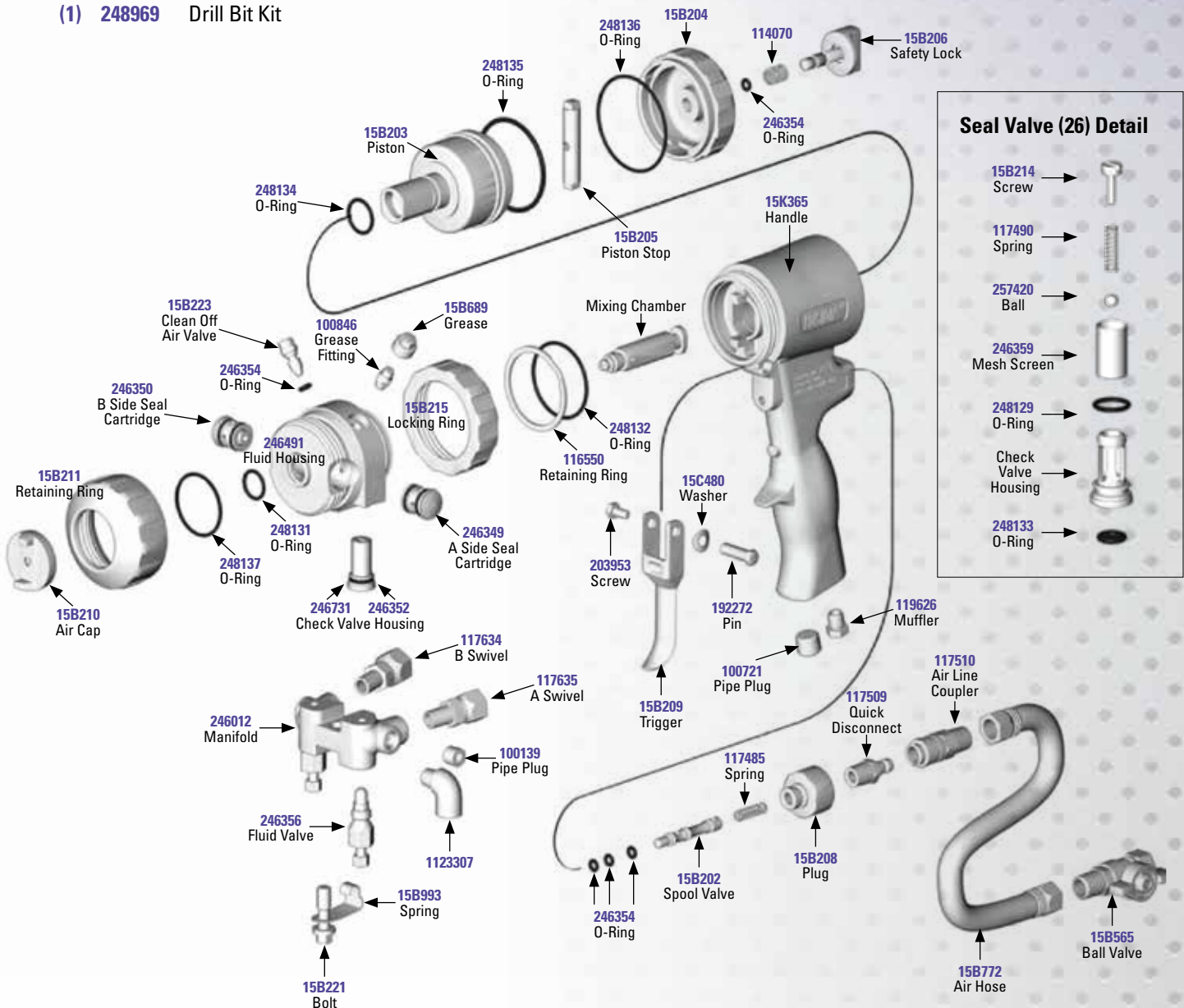
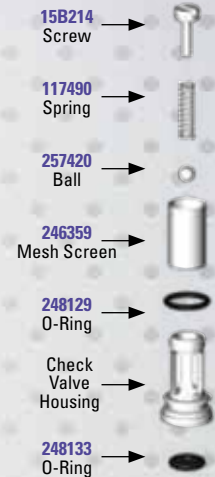
SPARE PARTS KIT FOR FUSION AP #SFSSPK

- (1) Mixing Chamber
- (1) **246355** Complete O-Ring Kit
- (1) **246359** 10-Pack 80 Mesh Screens
- (1) **246352** Check Valve
- (1) **246731** Check Valve
- (1) **246349** A Cartridge
- (1) **246350** B Cartridge
- (2) **117773** 3oz Lubricant Grease
- (1) **15D546** Gun Cleaning Kit
- (1) **248969** Drill Bit Kit

Seal Cartridge (18) Detail



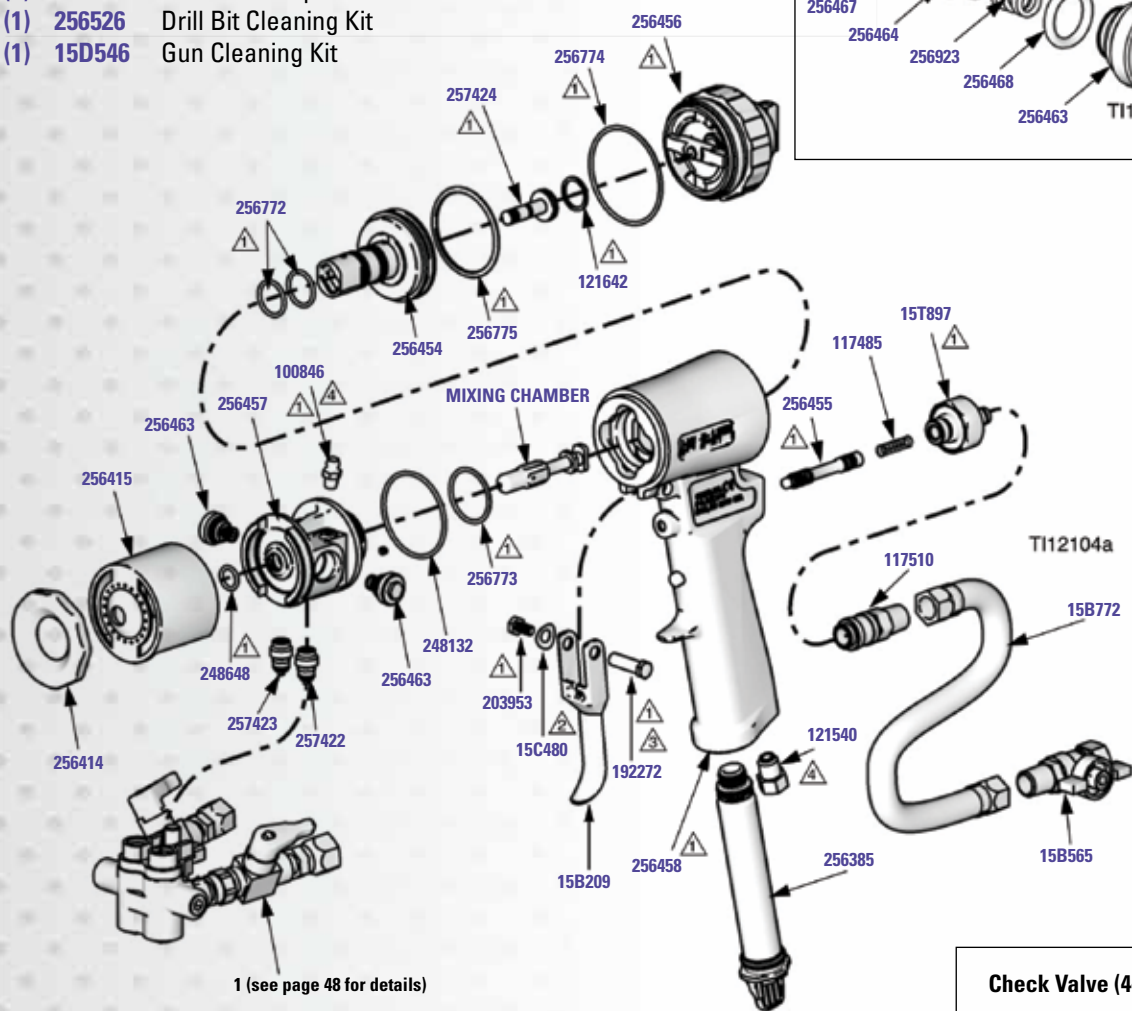
Seal Valve (26) Detail



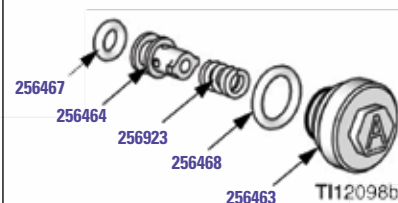
FUSION CS GUN BREAKDOWN

SPARE PARTS KIT FOR FUSION CS #SFSCSK

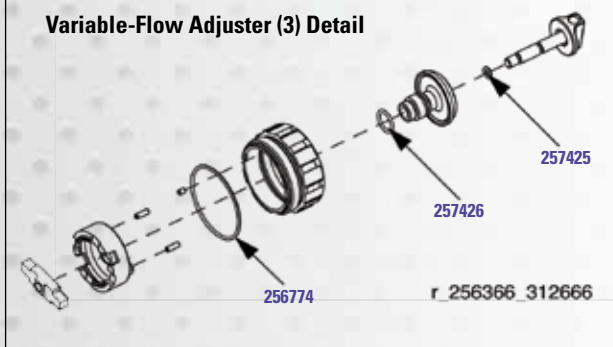
- (1) Mixing Chamber
- (1) **256490** Complete O-Ring Kit
- (2) **256463** Side Seal Housings Kit
- (1) **257422** Iso Check Valve
- (1) **257423** Resin Check Valve
- (1) **256359** 80 Mesh Screens 10-Pack
- (1) **256385** Clear Shot Liquid 25-Pack
- (1) **256526** Drill Bit Cleaning Kit
- (1) **15D546** Gun Cleaning Kit



Seal Assembly (42) Detail

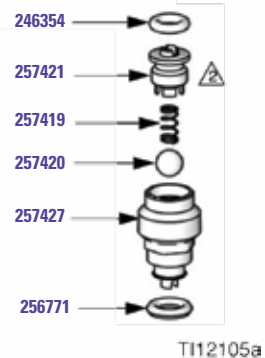


Variable-Flow Adjuster (3) Detail



- ⚠ Apply light coating of Fusion grease (31).
- ⚠ Apply sealant to threads.
- ⚠ Torque to 20-30 in-lb (2.3-3.4 N·m).
- ⚠ Torque to 35-40 in-lb (4.0-4.5 N·m).

Check Valve (44) Detail



PARTS INDEX AND DIAGRAMS

Proberl P2	A	B	Hardware Kit
GCP2RA	GC250A	GC251A	GC1948
GCP2R0	GC2500	GC2510	GC1947
GCP2R1	GC2501	GC2511	GC1947
GCP2R2	GC2502	GC2512	GC1947
GCP2R3	GC2503	GC2513	GC1947
GCP2R4	GC2504	GC2514	GC1949
GCP2R5	GC2505	GC2515	GC1949



CHOOSING THE RIGHT TIPS AND MIX CHAMBERS

1. Choose a Round or Flat pattern for your tip or mix chamber (typically round for foam and flat for coatings)
2. Specify "A" and "B" size for your orifice or chamber
3. Specify the desired tip size for your application

LEGEND

Fusion CS:

RD = Round Mix Chamber
WD = Wide Mix Chamber
FL = Flat Mix Chamber
FT = Flat Tip

Fusion AP:

AR = Air (purge) Round Mix Chamber
AF = Air (purge) Flat Mix Chamber
AW = Air Wide Round Mix Chamber
FT = Flat Tip (air-purge)

Fusion MP:

MR = Mechanical (purge) Round
XR = Direct Impinge Round
RTM = Round Tip Mechanical (purge)
MF = Mechanical (Purge) Flat
XF = Direct Impinge Flat
FTM = Flat Tip Mechanical (purge)

CHAMBER/ORIFICE CONVERSION

Use this conversion chart to convert the Chamber size to the Orifice size.

Chamber Size	Orifice Size
000	.020
00	.029
01	.042
02	.052
03	.060
04	.070
05	.086



Gun	Mix Chamber/Tip	Pattern at 24 in (61 cm) from target	Polyurea in GPM @ 2000 psi	Foam in lb/min @ 1000 psi
Fusion CS Round		x in (x mm)	x gpm	x lb/min
CS20RD	RD2020	5 in (127 mm)	0.5 gpm	3 lb/min
CS00RD	RD0000	8 in (203 mm)	1.1 gpm	7 lb/min
CS01RD	RD0101	11 in (279 mm)	1.6 gpm	9 lb/min
CS02RD	RD0202	12 in (305 mm)	2.4 gpm	14 lb/min
CS03RD	RD0303	14 in (356 mm)	NA	19 lb/min
Fusion CS Wide Round				
CS22WD	WD2222	8 in (203 mm)	0.5 gpm	4.5 lb/min
CS00WD	WD0000	15 in (381 mm)	1.1 gpm	7 lb/min
CS01WD	WD0101	16 in (406 mm)	1.6 gpm	9 lb/min
CS02WD	WD0202	18 in (457 mm)	2.4 gpm	14 lb/min
CS03WD	WD0303	18 in (457 mm)	NA	19 lb/min
Fusion CS Flat				
CS20F1	FL2020 w/FT0424	10 in (254 mm)	0.5 gpm	3 lb/min
CS20F2	FL2020 w/FT0438	10 in (254 mm)	0.6 gpm	3 lb/min
CS00F1	FL0000 w/FT0424	10 in (254 mm)	1.0 gpm	6 lb/min
CS00F2	FL0000 w/FT0438	10 in (254 mm)	1.2 gpm	7 lb/min
CS00F3	FL0000 w/FT0624	14 in (356 mm)	1.0 gpm	6 lb/min
CS00F4	FL0000 w/FT0638	14 in (356 mm)	1.2 gpm	7 lb/min
CS00F5	FL0000 w/FT0838	18 in (457 mm)	1.2 gpm	7 lb/min
CS00F6	FL0000 w/FT0848	18 in (457 mm)	1.2 gpm	7 lb/min
CS01F1	FL0101 w/FT0424	10 in (254 mm)	1.0 gpm	6 lb/min
CS01F2	FL0101 w/FT0438	10 in (254 mm)	1.3 gpm	9 lb/min
CS01F3	FL0101 w/FT0624	14 in (356 mm)	1.0 gpm	6 lb/min
CS01F4	FL0101 w/FT0638	14 in (356 mm)	1.3 gpm	9 lb/min
CS01F5	FL0101 w/FT0838	18 in (457 mm)	1.3 gpm	9 lb/min
CS01F6	FL0101 w/FT0848	18 in (457 mm)	1.3 gpm	9 lb/min
CS02F1	FL0202 w/FT0424	10 in (254 mm)	1.0 gpm	6 lb/min
CS02F2	FL0202 w/FT0438	10 in (254 mm)	1.3 gpm	9 lb/min
CS02F3	FL0202 w/FT0624	14 in (356 mm)	1.0 gpm	6 lb/min
CS02F4	FL0202 w/FT0638	14 in (356 mm)	1.3 gpm	9 lb/min
CS02F5	FL0202 w/FT0838	18 in (457 mm)	1.3 gpm	9 lb/min
CS02F6	FL0202 w/FT0848	18 in (457 mm)	1.8 gpm	12 lb/min
Fusion Air-Purge Round				
246099	AR2020	5 in (127 mm)	0.5 gpm	3 lb/min
246100	AR2929	8 in (203 mm)	1.1 gpm	7 lb/min
248617	AR3737	9 in (227 mm)	1.3 gpm	8 lb/min
246101	AR4242	11 in (279 mm)	1.6 gpm	9 lb/min
246102	AR5252	12 in (305 mm)	2.4 gpm	14 lb/min
246103	AR6060	14 in (356 mm)	NA	19 lb/min
246104	AR7070	15 in (381 mm)	NA	25 lb/min
246105	AR8686	18 in (457 mm)	NA	35 lb/min
Fusion Air-Purge Wide Round				
24D581	AW2828	15 in (381 mm)	1.1 gpm	7 lb/min
NA	AW3333	15 in (381 mm)	1.3 gpm	8 lb/min
249529	AW3939	16 in (406 mm)	1.6 gpm	9 lb/min
249530	AW4646	18 in (457 mm)	2.4 gpm	14 lb/min
NA	AW5757	18 in (457 mm)	NA	19 lb/min
NA	AW6464	22 in (564 mm)	NA	25 lb/min
NA	AW8282	24 in (610 mm)	NA	35 lb/min

Gun	Mix Chamber/Tip	Pattern at 24 in (61 cm) from target	Polyurea in GPM @ 2000 psi	Foam in lb/min @ 1000 psi
Fusion Air-Purge Flat				
247101	AF2020 (FT0424)	10 in (254 mm)	0.6 gpm	3 lb/min
247112	AF2929 (FT0438)	10 in (254 mm)	1.2 gpm	7 lb/min
247124	AF4242 (FT0638)	14 in (356 mm)	1.3 gpm	9 lb/min
247138	AF5252 (FT0848)	18 in (457 mm)	1.8 gpm	12 lb/min
Fusion Mechanical-Purge Round				
247003	XR2323 (RTM030)	6 in (152 mm)	0.5 gpm	4 lb/min
247007	XR2929 (RTM040)	8 in (203 mm)	0.9 gpm	7 lb/min
247212 / 247012	MR3535 / XR3535 (RTM040)	8 in (203 mm)	1.2 gpm	8 lb/min
247219 / 247019	MR4747 / XR4747 (RTM055)	9 in (227 mm)	1.7 gpm	10 lb/min
247226 / 247026	MR5757 / XR5757 (RTM070)	10 in (254 mm)	2.7 gpm	15 lb/min
247232	MR6666 (RTM080)	11 in (279 mm)	NA	24 lb/min
247239	MR8282 (RTM090)	12 in (305 mm)	NA	30 lb/min
247246	MR9494 (RTM110)	12 in (305 mm)	NA	39 lb/min
Fusion Mechanical-Purge Flat				
247051	XF1313 (FTM424)	10 in (254 mm)	0.15 gpm	1.5 lb/min
247258 / 247058	MF1818 / XF1818 (FTM424)	10 in (254 mm)	0.3 gpm	2 lb/min
247061	XF 2323 (FTM424)	10 in (254 mm)	0.4 gpm	2.5 lb/min
247265 / 247065	MF2929 / XF2929 (FTM424)	10 in (254 mm)	0.6 gpm	3 lb/min
247275 / 247075	MF3535 / XF3535 (FTM638)	14 in (356 mm)	0.9 gpm	6 lb/min
247282 / 247082	MF4747 / XF4747 (FTM638)	14 in (356 mm)	1.1 gpm	7 lb/min
247289 / 247089	MF5757 / XF5757 (FTM638)	14 in (356 mm)	1.3 gpm	8 lb/min
P2 Gun				
GCP2RA	GC250A w/GC251A	5 in (127 mm)	0.4 gpm	3 lb/min
GCP2R0	GC2500 w/GC2510	9 in (229 mm)	1.1 gpm	8 lb/min
GCP2R1	GC2501 w/GC2511	10 in (254 mm)	1.6 gpm	12 lb/min
GCP2R2	GC2502 w/ GC2512	12 in (305 mm)	2.5 gpm	16 lb/min
GCP2R3	GC2503 w/ GC2513	14 in (356 mm)	NA	24 lb/min
GCP2R4	GC2504 w/ GC2514	15.5 in (394 mm)	NA	29 lb/min
GCP2R5	GC2505 w/ GC2515	18 in (457 mm)	NA	36 lb/min
P2 Elite Gun				
GCP3RA	GC250A w/GC251A	5 in (127 mm)	0.4 gpm	3 lb/min
GCP3R0	GC2500 w/GC2510	9 in (229 mm)	1.1 gpm	8 lb/min
GCP3R1	GC2501 w/GC2511	10 in (254 mm)	1.6 gpm	12 lb/min
GCP3R2	GC2502 w/ GC2512	12 in (305 mm)	2.5 gpm	16 lb/min
GCP3R3	GC2503 w/ GC2513	14 in (356 mm)	NA	24 lb/min
GCP3R4	GC2504 w/ GC2514	15.5 in (394 mm)	NA	29 lb/min
GCP3R5	GC2505 w/ GC2515	18 in (457 mm)	NA	36 lb/min
P2 Auto Gun				
GCP4RA	GC250A w/GC251A	5 in (127 mm)	0.4 gpm	3 lb/min
GCP4R0	GC2500 w/GC2510	9 in (229 mm)	1.1 gpm	8 lb/min
GCP4R1	GC2501 w/GC2511	10 in (254 mm)	1.6 gpm	12 lb/min
GCP4R2	GC2502 w/ GC2512	12 in (305 mm)	2.5 gpm	16 lb/min
GCP4R3	GC2503 w/ GC2513	14 in (356 mm)	NA	24 lb/min
GCP4R4	GC2504 w/ GC2514	15.5 in (394 mm)	NA	29 lb/min
GCP4R5	GC2505 w/ GC2515	18 in (457 mm)	NA	36 lb/min

PART NUMBER EXAMPLES

FT0438

Fusion CS or Fusion AP
Flat Tip
Fan Pattern Width = 8 in
(double this number)
Tip Orifice Size = .038 in



RD0202

Fusion CS Round Mix Chamber
First 02= "A" (ISO) Chamber Size
Second 02 = "B" (RES) Chamber Size



AF4242

Fusion AP Flat Mix Chamber
First 42 = "A" (ISO) Orifice Size = .042
Second 42 = "B" (RES) Orifice Size = .042



FTM424

Fusion MP Flat Tip
Mechanical
Fan Pattern Width = 8 in
(double this number)
Tip Orifice Size = .024 in



RTM030

Fusion MP Round Tip
Mechanical
Tip Orifice Size = .030 in



MR 2929

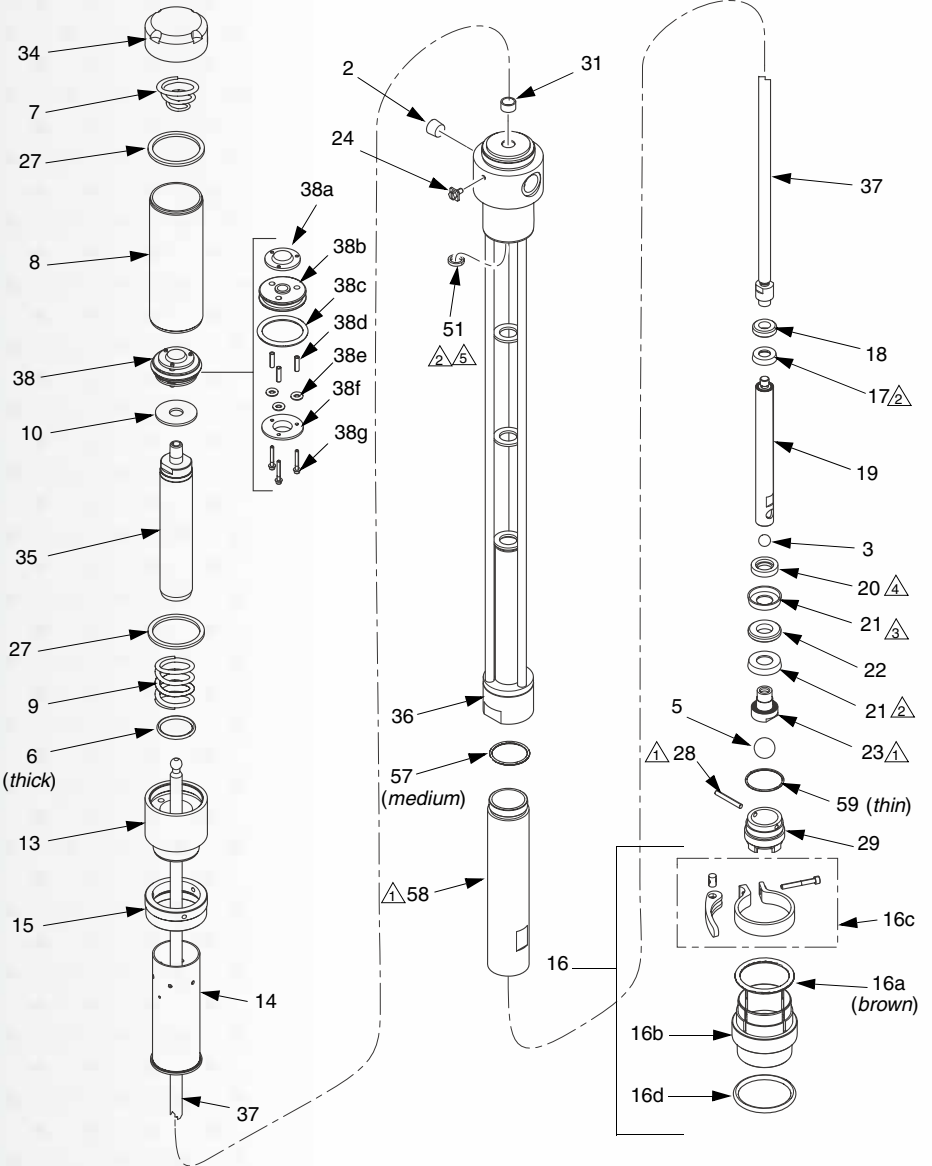
Fusion MP Mechanical Round
Mix Module
First 29 = "A" (ISO) Orifice Size = .029
Second 29 = "B" (RES) Orifice Size = .029



GRACO | T1 & T2 PUMP BREAKDOWN DIAGRAMS

T1 2:1 RATIO TRANSFER PUMP PARTS – MODEL 256200

- 2 101748 PLUG, pipe; SST
 3♦ 101750 BALL, bearing, upper
 5♦ 101917 BALL, bearing, lower
 6† 156698 O-RING
 7† 157630 SPRING, compression, tapered
 8 24J673 CYLINDER, air
 9† 157633 SPRING, compression
 10 157872 WASHER, valve
 13 24J674 BASE, motor, air
 14 24J675 HOUSING, connecting rod
 15 24J676 RING, connecting
 16 253146 ADAPTER, bung; SST (includes 16a-16g)
 16a♦ 120207 O-RING; inner
 16b 24J526 ADAPTER
 16c 234188 CLAMP, hopper
 16d♦ 120998 O-RING; O.D.
 17♦ 161788 PACKING, cup; upper piston
 18♦ 16C799 BEARING, piston, upper
 19 256432 ROD, piston, fluid
 20 161792 RING, back-up
 21♦ 161793 SEAL, piston, lower
 22♦ 186648 BEARING, piston, lower
 23 161795 PISTON
 24 116343 SCREW, ground
 25× 15K008 LABEL, ID
 27† 162989 GASKET
 28 164250 PIN, ball stop
 29★ 24T262 HOUSING, valve, intake
 31♦ 166564 BEARING, connecting rod
 34 256429 CAP, cylinder, air
 35 24J678 ROD, piston
 36 24K361 FRAME, pump
 37 256431 ROD, pump, connector
 38 24J679 PISTON, valve, air
 38a† 162729 PLATE, exhaust
 38b 189210 PISTON
 38c† 108357 O-RING
 38d 181485 SPACER
 38e† 108358 O-RING
 38f 181487 PLATE, intake
 38g 220884 SCREW, #6-32
 39 172479 TAG, instruction
 51♦ 111791 SEAL
 54× 206264 VALVE, needle
 55× 169969 FITTING, line, air
 56× 114558 COUPLER, line, air
 57★ 118403 O-RING
 58★ 24R988 CYLINDER, piston
 59★ 103414 O-RING



△1 Torque to 30-35 ft-lb (41-48 N•m)

△2 Lips face down

△3 Lips face up

△4 Grooves face down

△5 Use assembly tool 24B917

6. Thin, medium, and thick refers to the relative cross section thickness of the o-rings.

Complete T1 pump repair kit **24K362** contains repair kits **247958** and **24K363**

† Parts included in repair kit **247958**

♦ Parts included in repair kit **24K363**

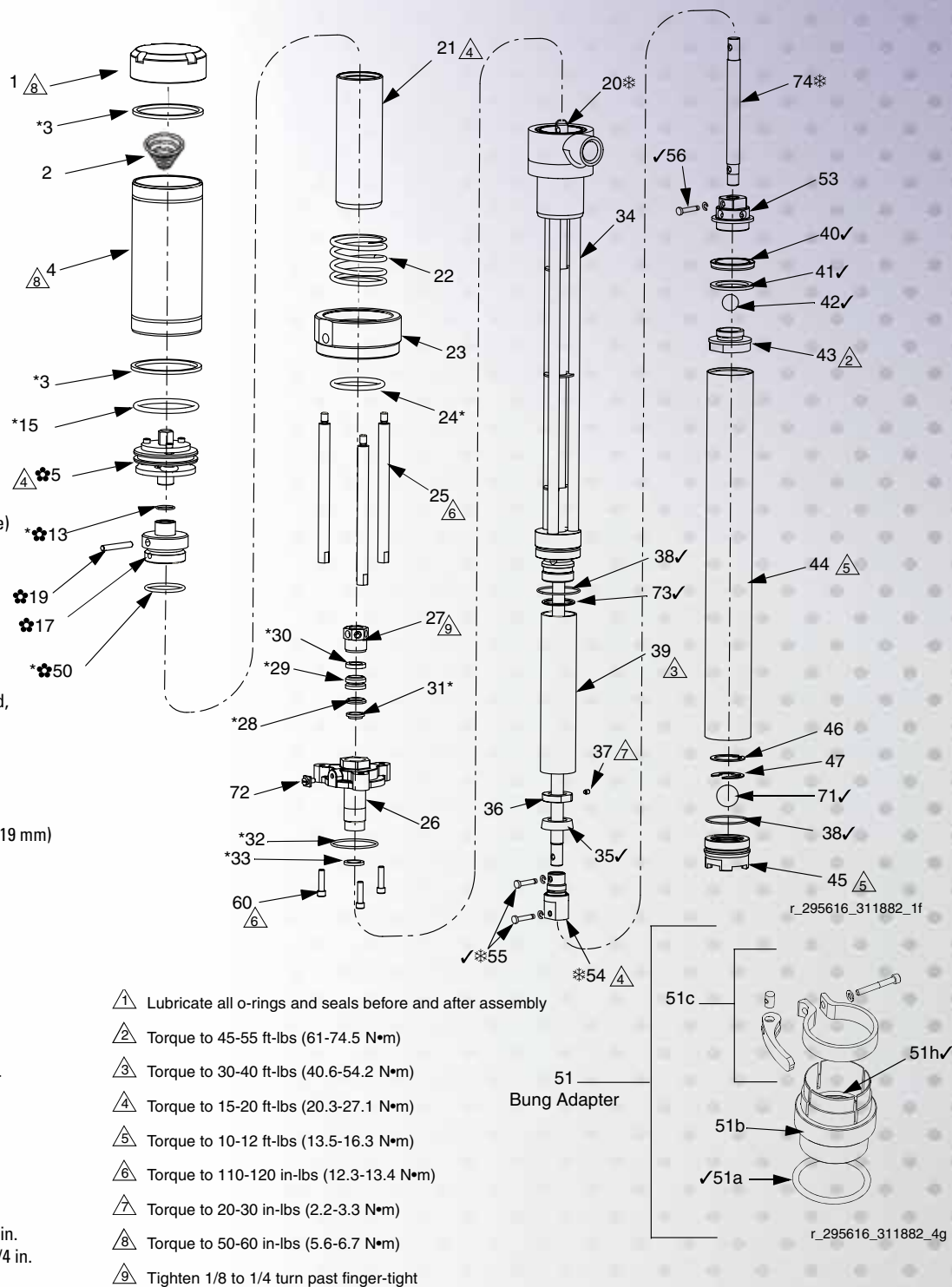
× Indicates parts not shown (shipped loose).

★ Parts included in repair kit **24R989**

See Pump Lower Disassembly, page 17, for instructions.

T2 2:1 RATIO TRANSFER PUMP PARTS – MODEL 295616

- 1 24J527 CAP, air cylinder
- 2 157630 SPRING, tapered
- 3* 120212 PACKING, square
- 4 24J528 CYLINDER, air motor
- 5☆ 262035 VALVE, air
- 5a 15J539 GASKET, upper
- 5b 121889 O-RING
- 13*☆ 722834 O-RING
- 15* 160258 O-RING
- 17☆ CAP, air piston
- 19☆ 15J548 PIN, dowel
- 20* SHAFT, transfer
- 21 24J535 PISTON, air
- 22 15J551 SPRING, compression
- 23 24J529 BASE, air motor
- 24* 159846 O-RING (green)
- 25 15J553 ROD, tie
- 26 24J530 FLANGE, mounting
- 27 15J555 NUT, hex 1
- 28* 15J556 GLAND, packing, (male)
- 29* 15J557 V-PACKING, PTFE
- 30* 15J558 GLAND, packing, (female)
- 31* 15J559 WIPER, ROD
- 32* 15C638 O-RING, PTFE, encapsulated
- 33* 15J560 GASKET, PTFE
- 34 24J536 BODY, pump, 2:1
- 35✓ 15J562 PACKING, piston cup
- 36 15J563 COLLAR, retaining
- 37 101194 SCREW, set, socket head, 10-32 x .25 in. (6 mm)
- 38* 106258 O-RING
- 39 24J534 CYLINDER, fluid
- 40✓ 15J565 PACKING, u-cup, PTFE
- 41✓ 15J566 RING, wear
- 42✓ 103462 BALL, outlet, sst, 3/4 in. (19 mm)
- 43 24J531 VALVE, piston
- 44 24J532 TUBE, suction
- 45 24J533 VALVE
- 46 120734 RING, retaining, internal
- 47 120735 RING, snap, e series
- 48† 206264 VALVE, needle
- 49† 169969 FITTING, air line
- 50*☆ 108832 O-RING
- 51 253146 ADAPTER, bung (includes 51a-51g)
- 51a✓ 120998 O-RING, fluoroelastomer
- 51b 24J526 ADAPTER
- 51c 234188 CLAMP, hopper
- 51h✓ 120207 O-RING; inner (brown)
- 52† 114558 COUPLER, air line
- 53 15J570 HOUSING, piston
- 54* PISTON, upper
- 55* 120294 PIN, clevis, 3/16 in. x 3/4 in.
- 56✓ 120295 PIN, clevis, 3/16 in. x 1-1/4 in.
- 60 120348 SCREW, cap, socket head 1/4-20 x 1 in. (25 mm)
- 69† 15H197 TOOL, pin
- 70† 15K008 LABEL, material identification.
- 71✓ 107167 BALL, intake, sst, 1 in. (25 mm)
- 72 116343 SCREW, ground
- 73✓ 113944 O-RING
- 74* SHAFT, transfer, lower



- △1 Lubricate all o-rings and seals before and after assembly
- △2 Torque to 45-55 ft-lbs (61-74.5 N•m)
- △3 Torque to 30-40 ft-lbs (40.6-54.2 N•m)
- △4 Torque to 15-20 ft-lbs (20.3-27.1 N•m)
- △5 Torque to 10-12 ft-lbs (13.5-16.3 N•m)
- △6 Torque to 110-120 in-lbs (12.3-13.4 N•m)
- △7 Torque to 20-30 in-lbs (2.2-3.3 N•m)
- △8 Torque to 50-60 in-lbs (5.6-6.7 N•m)
- △9 Tighten 1/8 to 1/4 turn past finger-tight

- * Parts included in Upper Seal Repair Kit 262034 (not sold separately).
- ✓ Parts included in Lower Seal Repair Kit 247883
- NOTE: Seal Repair Kit 262033 includes all parts in kit 262034 and kit 247883.
- ☆ Parts included in repair kit 256560
- ☆ Parts included in repair kit 262042
- † Indicates parts not shown, 48, 49, 52, 69, 70 (shipped loose)
- ★ O-rings included in Tube Extension Kit 24N451.

NOTE: If you have a series A pump and wish to repair it, air motor kit 262042 must be ordered so that it can be updated to Series B.

NOTE: The T2 can be adapted for use in 250 gallon (946 liter) totes. Tube Extension 24N451 increases the length by 6.25 in. (165 mm) to reach material in the bottom of larger totes.

HEATED HOSES

Hose Scuff Guard Kits

24T243	10 ft (3 m) Xtreme-Wrap Scuff Guard Kit
24T244	50 ft (15 m) Xtreme-Wrap Scuff Guard Kit
246077	10 ft (3 m) braided polyester mesh scuff guard
246805	25 ft (7.6 m) braided polyester mesh scuff guard
246078	50 ft (15 m) braided polyester mesh scuff guard
246456	50 ft (15 m) polyethylene scuff guard

Whip Hoses

246050	LP 1/4 in x 10 ft (6.3 mm x 3 m), Xtreme-Wrap Scuff Guard
246055	HP 1/4 in x 10 ft (6.3 mm x 3 m), Xtreme-Wrap Scuff Guard
246056	HP 3/8 in x 10 ft (9.5 mm x 3 m), scuff guard
249586	LP 1/4 in x 3 ft (6.3 mm x .91 cm), scuff guard
258701	XHP 1/4 in x 10 ft (6.3 mm x 3 m), scuff guard

Low Pressure, 2000 psi (138 bar, 13.8 Mpa)

1/4 in (6.3 mm) diameter

246048	LP 1/4 in x 25 ft (6.3 mm x 7.6 m), Thermocouple
249587	LP 1/4 in x 25 ft (6.3 mm x 7.6 m), Ground Wire
246045	LP 1/4 in x 50 ft (6.3 mm x 15 m), Thermocouple
246074	LP 1/4 in x 50 ft (6.3 mm x 15 m), Ground Wire

Low Pressure, 2000 psi (138 bar, 13.8 Mpa)

3/8 in (9.5 mm) diameter

246052	LP 3/8 in x 25 ft (9.5 mm x 7.6 m), Thermocouple
261328	LP 3/8 in x 25 ft (9.5 mm x 7.6 m), Ground Wire
246046	LP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple
246075	LP 3/8 in x 50 ft (9.5 mm x 15 m), Ground Wire
256549	LP 3/8 in x 50 ft (9.5 mm x 15 m), Ground Wire with scuff guard
24Y549	LP 3/8 in x 50 ft (9.5 mm x 15 m), Ground Wire with Xtreme-Wrap Scuff Guard
246678	LP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple with scuff guard
24Y678	LP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple with Xtreme-Wrap Scuff Guard
24T839	LP 3/8 in x 50 ft (9.5 mm x 15 m), RTD
24K240	LP 3/8 in x 50 ft (9.5 mm x 15 m), RTD with scuff guard
24Y240	LP 3/8 in x 50 ft (9.5 mm x 15 m), RTD with Xtreme-Wrap Scuff Guard
24K394	LP 3/8 in x 50 ft (9.5 mm x 15 m), RTD and CAN with scuff guard
24Y394	LP 3/8 in x 50 ft (9.5 mm x 15 m), RTD and CAN with Xtreme-Wrap Scuff Guard

Low Pressure, 2000 psi (138 bar, 13.8 Mpa)

1/2 in (12.7 mm) diameter

246047	LP 1/2 in x 50 ft (12.7 mm x 15m), Thermocouple
246076	LP 1/2 in x 50 ft (12.7 mm x 15m), Ground Wire
24N000	LP 1/2 in x 50 ft (12.7 mm x 15m), RTD with scuff guard
24N001	LP 1/2 in x 50 ft (12.7 mm x 15m), RTD and CAN with scuff guard

High Pressure, 3500 psi (240 bar, 24.0 Mpa)

3/8 in (9.5 mm) diameter

246053	HP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple
249588	HP 3/8 in x 50 ft (9.5 mm x 15 m), Ground Wire
246679	HP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple with scuff guard
24Y679	HP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple with Xtreme-Wrap Scuff Guard
24U743	HP 3/8 in x 50 ft (9.5 mm x 15 m), RTD
24K241	HP 3/8 in x 50 ft (9.5 mm x 15 m), RTD with scuff guard
24Y241	HP 3/8 in x 50 ft (9.5 mm x 15 m), RTD with Xtreme-Wrap Scuff Guard
24K395	HP 3/8 in x 50 ft (9.5 mm x 15 m), RTD and CAN with scuff guard
24Y395	HP 3/8 in x 50 ft (9.5 mm x 15 m), RTD and CAN with Xtreme-Wrap Scuff Guard

High Pressure, 3500 psi (240 bar, 24.0 Mpa)

1/2 in (12.7 mm) diameter

246054	HP 1/2 in x 50 ft (12.7 mm x 15m), Thermocouple
261335	HP 1/2 in x 50 ft (12.7 mm x 15m), Ground Wire
256548	HP 1/2 in x 50 ft (12.7 mm x 15m), Thermocouple with scuff guard
24N002	HP 1/2 in x 50 ft (12.7 mm x 15m), RTD with scuff guard
24N003	HP 1/2 in x 50 ft (12.7 mm x 15m), RTD and CAN with scuff guard

Extra High Pressure, 5000 psi (345 bar, 34.5 Mpa)

3/8 in (9.5 mm) diameter

261332	XHP 3/8 in x 25 ft (9.5 mm x 7.6 mm), Ground Wire
262203	XHP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple
248908	XHP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple with no air line

HOSE ACCESSORIES

24K207	FTS Kit with Resistance Temperature Detector
24N450	50 ft (15 m) Resistance Temperature Detector Cable
261669	FTS Kit with Thermocouple
24J523	50 ft (15 m) Thermocouple Cable

FUSION CS GUN

Fusion CS Gun, Round

CS20RD	RD2020 (000) round mix chamber (.020 orifice size)
CS00RD	RD0000 (00) round mix chamber (.029 orifice size)
CS01RD	RD0101 (01) round mix chamber (.042 orifice size)
CS02RD	RD0202 (02) round mix chamber (.052 orifice size)
CS03RD	RD0303 (03) round mix chamber (.060 orifice size)

Fusion CS Gun, Wide Round

CS22WD	WD2222 wide mix chamber (.022 orifice size)
CS00WD	WD0000 wide mix chamber (.028 orifice size)
CS01WD	WD0101 wide mix chamber (.039 orifice size)
CS02WD	WD0202 wide mix chamber (.046 orifice size)
CS03WD	WD0303 wide mix chamber (.057 orifice size)

Fusion CS Gun, Flat

CS20F1	FL2020 mix chamber with FT0424 flat tip (.020 orifice size)
CS20F2	FL2020 mix chamber with FT0438 flat tip (.020 orifice size)
CS00F1	FL0000 mix chamber with FT0424 flat tip (.029 orifice size)
CS00F2	FL0000 mix chamber with FT0438 flat tip (.029 orifice size)
CS00F3	FL0000 mix chamber with FT0624 flat tip (.029 orifice size)
CS00F4	FL0000 mix chamber with FT0638 flat tip (.029 orifice size)
CS00F5	FL0000 mix chamber with FT0838 flat tip (.029 orifice size)
CS00F6	FL0000 mix chamber with FT0848 flat tip (.029 orifice size)
CS01F1	FL0101 mix chamber with FT0424 flat tip (.042 orifice size)
CS01F2	FL0101 mix chamber with FT0438 flat tip (.042 orifice size)
CS01F3	FL0101 mix chamber with FT0624 flat tip (.042 orifice size)
CS01F4	FL0101 mix chamber with FT0638 flat tip (.042 orifice size)
CS01F5	FL0101 mix chamber with FT0838 flat tip (.042 orifice size)
CS01F6	FL0101 mix chamber with FT0848 flat tip (.042 orifice size)
CS02F1	FL0202 mix chamber with FT0424 flat tip (.052 orifice size)
CS02F2	FL0202 mix chamber with FT0438 flat tip (.052 orifice size)
CS02F3	FL0202 mix chamber with FT0624 flat tip (.052 orifice size)
CS02F4	FL0202 mix chamber with FT0638 flat tip (.052 orifice size)
CS02F5	FL0202 mix chamber with FT0838 flat tip (.052 orifice size)
CS02F6	FL0202 mix chamber with FT0848 flat tip (.052 orifice size)

FUSION CS PARTS

256385	ClearShot Liquid Cartridges - pack of 25
256386	ClearShot Liquid Cartridges - pack of 50
256387	ClearShot Liquid Cartridges - pack of 100
117773	Fusion grease (248280 - pack of 10)
118665	Fusion lube (248279 - pack of 10)
246357	Gun filter, 40 mesh - pack of 10
246358	Gun filter, 60 mesh - pack of 10
246359	Gun filter, 80 mesh - pack of 10

248132	Fluid housing O-ring, large - pack of 6
248648	Fluid housing O-ring, mix chamber - pack of 6
256414	Cover retainer kit - pack of 5
256415	Front cover, round kit - pack of 5
256416	Front cover, tip kit - pack of 5
256454	Air piston kit
256455	Spool valve kit
256456	Variable flow kit
256457	Front end replacement kit
256459	A Side valve kit
256460	B Side valve kit
256461	Fluid head checks kit
256462	Hose manifold checks kit
256463	Side seal housings kit
256464	Side seals kit
256466	Hose manifold kit
256465	Polycarbally seals kit, pack of 2
256469	Hose manifold check O-rings kit
256470	Air piston O-ring kit
256471	Fluid head O-ring kit
256472	Back cap O-ring kit
256467	Side seal O-rings - pack of 6
256468	Side seal housing O-rings - pack of 6
256489	Polycarbally seals kit, pack of 20
256490	Complete O-rings repair kit
256510	Fusion CS solvent flush kit
256526	Fusion CS gun clean out drill kit
256566	Fusion CS recirc manifold kit
256567	Tip retainer kit
256569	Fusion CS TP100 tip kit
256570	Fusion CS stud wall tip kit
256640	O-ring, fluid head checks kit - pack of 6
256641	Fusion CS flush manifold kit
258996	CS Adapter Block, used with AP hose manifold
256642	Inlet cover kit
256650	TP100 seals - pack of 5
256651	Stud wall tip seals - pack of 5
256771	Check valve O-ring, radial - pack of 6
256772	Air piston O-ring, small - pack of 6
256773	Fluid housing O-ring, small - pack of 6
256774	Variable flow O-ring - pack of 6
256775	Air piston O-ring, large - pack of 6
256923	Side seal springs - pack of 10
256977	Studwall retainer kit / TP 100
256978	Studwall housing kit / TP 100
257142	Polycarbally side seal housing kit
257419	Check valve spring - pack of 10
257420	Check ball - pack of 10
257421	Check valve retainer - pack of 10
257422	Check valve kit, Fusion CS (ISO)
257423	Check valve kit, Fusion CS (resin)
257424	Dosing piston with O-rings
257426	Variable flow O-ring kit - pack of 6
257427	Check valve housing (ISO) - pack of 10
257428	Check valve housing (resin) - pack of 10

Fusion CS Mix Chamber Kits

(Includes clean-out tools)

FL2020	Fusion CS 2020 flat mix chamber kit
FL0000	Fusion CS 2929 flat mix chamber kit
FL0101	Fusion CS 4242 flat mix chamber kit
FL0202	Fusion CS 5252 flat mix chamber kit
RD2020	Fusion CS 2020 round mix chamber kit
RD0000	Fusion CS 2929 round mix chamber kit
RD0101	Fusion CS 4242 round mix chamber kit
RD0202	Fusion CS 5252 round mix chamber kit
RD0303	Fusion CS 6060 round mix chamber kit
WD2222	Fusion CS 2222 wide mix chamber kit
WD0000	Fusion CS 2828 wide mix chamber kit
WD0101	Fusion CS 3939 wide mix chamber kit
WD0202	Fusion CS 4646 wide mix chamber kit
WD0303	Fusion CS 5757 wide mix chamber kit

FUSION AP GUNS

Fusion Air-Purge Guns, Round

246099	AR2020 (000) mix chamber (0.020 orifice size)
246100	AR2929 (00) mix chamber (0.029 orifice size)
246101	AR4242 (01) mix chamber (0.042 orifice size)
246102	AR5252 (02) mix chamber (0.052 orifice size)
246103	AR6060 (03) mix chamber (0.060 orifice size)
246104	AR7070 (04) mix chamber (0.070 orifice size)
246105	AR8686 (05) mix chamber (0.086 orifice size)
248617	AR3737 mix chamber, sized between AR2929 and AR4242
24D581	AW2828 (00) wide round pattern
249529	AW3939 (01) wide round pattern
249530	AW4646 (02) wide round pattern
248408	Adhesive/spatter gun for fleeceback roofing systems
249525	Stud wall gun w/AF4242 and FTM979
249526	Stud wall gun w/AF5252 and FTM979

Fusion Air-Purge Mix Chambers, Round

(Includes clean-out tools)

246099	(000) mix chamber (0.020 orifice size)
AR2929	(00) mix chamber (0.029 orifice size)
AR3737	Mix chamber with (between 0.029 and 0.042 orifice size)
AR4242	(01) mix chamber (0.042 orifice size)
AR5252	(02) mix chamber (0.052 orifice size)
AR6060	(03) mix chamber (0.060 orifice size)
AR7070	(04) mix chamber (0.070 orifice size)
AR8686	(05) mix chamber (0.086 orifice size)

Fusion Air-Purge Mix Chambers, Wide Round

(Includes clean-out tools)

AW2222	50% wider pattern, compares to AR2020
AW2828	50% wider pattern, compares to AR2929
AW3333	50% wider pattern, compares to AR3737
AW3939	50% wider pattern, compares to AR4242
AW4646	50% wider pattern, compares to AR5252
AW5757	50% wider pattern, compares to AR6060
AW6464	50% wider pattern, compares to AR7070
AW8282	50% wider pattern, compares to AR8686

Fusion Air-Purge Gun, Flat

247101	AF2020 mix chamber with FT0424 flat tip
247102	AF2020 mix chamber with FT0438 flat tip
247103	AF2020 mix chamber with FT0624 flat tip
247104	AF2020 mix chamber with FT0638 flat tip
247107	AF2020 mix chamber with FT0838 flat tip
247108	AF2020 mix chamber with FT0848 flat tip
247111	AF2929 mix chamber with FT0424 flat tip
247112	AF2929 mix chamber with FT0438 flat tip
247113	AF2929 mix chamber with FT0624 flat tip
247114	AF2929 mix chamber with FT0638 flat tip
247117	AF2929 mix chamber with FT0838 flat tip
247118	AF2929 mix chamber with FT0848 flat tip
247121	AF4242 mix chamber with FT0424 flat tip
247122	AF4242 mix chamber with FT0438 flat tip
247123	AF4242 mix chamber with FT0624 flat tip
247124	AF4242 mix chamber with FT0638 flat tip
247127	AF4242 mix chamber with FT0838 flat tip
247128	AF4242 mix chamber with FT0848 flat tip
247131	AF5252 mix chamber with FT0424 flat tip
247132	AF5252 mix chamber with FT0438 flat tip
247133	AF5252 mix chamber with FT0624 flat tip
247134	AF5252 mix chamber with FT0638 flat tip
247137	AF5252 mix chamber with FT0838 flat tip
247138	AF5252 mix chamber with FT0848 flat tip

Fusion Air-Purge Mix Chambers, Flat

(Includes clean-out tools)

AF2020	(000) mix chamber AF2033 Off-ratio mix chamber
AF2929	(00) mix chamber AF2942 Off-ratio mix chamber
AF4242	(01) mix chamber
AF5252	(02) mix chamber

FUSION AP GUNS *(continued)***Fusion Air-Purge Tips, Flat**

FT0424	Low fluid flow, 8 to 10 in tip pattern
FT0438	Medium fluid flow, 8 to 10 in pattern
FT0624	Low fluid flow, 12 to 14 in tip pattern
FT0638	Medium fluid flow, 12 to 14 in tip pattern
FT0838	Medium fluid flow, 16 to 18 in pattern
FT0848	High fluid flow, 16 to 18 in pattern

Fusion Air-Purge with PolyCarballoy Options

255201	AP Fusion w/ PolyCarballoy side seal - AR4242(01) mix chamber
255202	AP Fusion w/ PolyCarballoy side seal - AR5252(02) mix chamber
249990	PolyCarballoy side seals, pack of 2
277298	PolyCarballoy side seals, pack of 50

Fusion Specialty Guns

248408	Fusion AP spatter/adhesive manual gun
248597	Manual Fusion solvent-purge gun

Automatic Fusion*(All Auto Fusion kits require 4-way solenoid valves)*

115807	4-way solenoid valve, 24 volt DC
248376	Automatic Fusion AP, round, AR2929
248377	Automatic Fusion AP, round, AR4242
248378	Automatic Fusion AP, round, AR5252
248379	Automatic Fusion AP, round, AR6060
248380	Automatic Fusion AP, flat, AF2020, FT0424
248381	Automatic Fusion AP, flat, AF2929, FT0438
248382	Automatic Fusion MP, round, direct impingement, XR2929, RTM040
248383	Automatic Fusion MP, round, direct impingement, XR3535, RTM040
248384	Automatic Fusion MP, flat, direct impingement, XF1313, FTM317
248385	Automatic Fusion MP, flat, direct impingement, XF1818, FTM424
248386	Automatic Fusion MP, round, MR3535, RTM040
248387	Automatic Fusion MP, round, MR5757, RTM0702
248647	Auto Fusion - Solvent-Purge

FUSION AP GUN PARTS AND ACCESSORIES

15B772	1/8 in (3.18 mm) air hose, 18 in (.46 m) long, use to attach gun to whip hose
15D234	Flat tip cleanout tool
15B210	Air cap, round pattern, for Fusion Air-Purge Gun
15B801	Air cap, flat pattern, for Fusion Air-Purge Gun
15B565	Ball valve
15B817	Gun flush manifold block
15D546	Fusion gun cleaning kit
117509	1/4 npt male quick disconnect, air
117510	1/4 npt female quick disconnect, air
117661	Pin vise, double-ended pin vise, with reversible chucks
117773	Fusion grease, 3 oz cartridge (248280 – pack of 10)
117792	Fusion grease gun
118665	Fusion lube, 4 oz tube (248279 – pack of 10)
119386	Drill bit kit, 20 piece, #61 - #81
244914	Air-Purge gun cover kit, pack of 10
246012	Fluid manifold assembly
246347	Side seal O-ring kit, includes (6) O-rings for both cartridges
246348	Side seal kit, includes (2) side seals with O-rings
246349	A (ISO) cartridge assembly, A-side, SST, seal and O-rings
246350	B (Poly) cartridge assembly, B-side, SST, seal and O-rings
246351	Check valve seal repair kit
246352	Check valve assembly, B (Poly)

246354	O-ring, clean off air, pack of 6
246355	Gun seal repair kit, includes all necessary O-rings for the entire gun assembly
246356	Fluid manifold valve repair kit
246357	Gun filter, 40 mesh, pack of 10
246358	Gun filter, 60 mesh, pack of 10
246359	Gun filter, 80 mesh, pack of 10
246360	Flat tip sealing O-ring kit, pack of 3
246361	Quick change front half spray head kit, includes entire spray head assembly less mix chamber. Order mix chamber separately.
246731	Check valve assembly, A (ISO)
246944	Manifold conversion kit; converts Fusion manifold to fit a GX-7 gun. Fusion manifold 246012 not included.
246945	Manifold conversion kit; converts GX-7 manifold to fit a Fusion gun
248129	Check valve O-ring, radial, pack of 6
248130	Side seal housing O-ring kit, pack of 6
248132	O-ring, fluid housing, pack of 6
248133	Check valve O-ring, face, pack of 6
248139	Solvent flush kit, 1 qt (.95 l) pressurized container for solvent flushing gun before service
248229	5 gal Fusion Gun flush system
248279	Fusion lube for lubricating threads, O-rings, components, pack of 10
248280	Fusion grease, pack of 10
248414	Adhesive/spatter kit, converts Fusion Air-Purge to adhesive/spatter gun
248415	Tip for adhesive/spatter gun
248528	Fusion Air-Purge pour adapter kit

Fusion Air-Purge Extension Tip Kits

248010	Extension tip kit for AR2020/AF2929 mix chamber
248011	Extension tip kit for AR2929/AF2929 mix chamber
248012	Extension tip kit for AR4242/AF4242 mix chamber
248013	Extension tip kit for AR5252/AF5252 mix chamber
248014	Extension tip kit for AR2020/AF2929 mix chamber
248015	Extension tip kit for AR2929/AF2929 mix chamber
248016	Extension tip kit for AR4242/AF4242 mix chamber
248017	Extension tip kit for AR5252/AF5252 mix chamber
248020	Extension tip air cap kit
248018	Flat extension tip seal kit
248019	Round extension tip seal kit
249421	Fusion stud wall kit
24C358	Fusion TP 100 tip kit

PROBLER P2 GUNS**P2 Guns**

GCP2R0	Probler 2 Gun Assembly
GCP2R1	Probler 2 Gun Assembly
GCP2R2	Probler 2 Gun Assembly
GCP2R3	Probler 2 Gun Assembly
GCP2R4	Probler 2 Gun Assembly
GCP2R5	Probler 2 Gun Assembly
GCP2RA	Probler 2 Gun Assembly

P2 Elite Guns

GCP3R0	Probler P2 Elite Gun Assembly
GCP3R1	Probler P2 Elite Gun Assembly
GCP3R2	Probler P2 Elite Gun Assembly
GCP3R3	Probler P2 Elite Gun Assembly
GCP3R4	Probler P2 Elite Gun Assembly
GCP3R5	Probler P2 Elite Gun Assembly
GCP3RA	Probler P2 Elite Gun Assembly

P2 Auto Guns

GCP4R0	Probler 2 Automatic Gun
GCP4R1	Probler 2 Automatic Gun
GCP4R2	Probler 2 Automatic Gun
GCP4R3	Probler 2 Automatic Gun
GCP4R4	Probler 2 Automatic Gun
GCP4R5	Probler 2 Automatic Gun
GCP4RA	Probler 2 Automatic Gun

PROBLER P2 GUN PARTS AND ACCESSORIES

GC1703	P2 recirculation kit
GC1892	P2 Elite conversion kit
GC1937	P2 standard repair kit
GC1938	P2 flat spray kit
GC1946	Side seal kit
GC1947	P2 00-03 gun hardware kit
GC1948	P2 AA gun hardware kit
GC1949	P2 04-05 gun hardware kit
GC1950	Premium repair kit
GC1952	P2 0.059 jet nozzle
GC1953	P2 0.07 jet nozzle
GC1954	P2 pour cap
GC1955	P2 LP/HP static mixer adapter
GC1956	P2 static mixer assembly (non-nucleated)
GC1957	P2 16-in stud wall spray tip
GC1958	P2 24-in stud wall spray tip
GC1959	P2 delay plug
GC1966	P2 delayed air purge gun assembly
GC1967	P2 dispense counter assembly
GC1968	P2 stroke signal tee counter
GC2494	P2 seal kit
GC2495	P2 seal housing kit
GC2496	P2 40 mesh filter kit
GC2497	P2 100 mesh filter kit
GC2498	P2 side seal kit
GC2499	P2 handle kit
GC2500	P2 round 00 mix chamber kit
GC2501	P2 round 01 mix chamber kit
GC2502	P2 round 02 mix chamber kit
GC2503	P2 round 03 mix chamber kit
GC2504	P2 round 04 mix chamber kit
GC2505	P2 round 05 mix chamber kit
GC250A	P2 round AA mix chamber kit
GC2510	Mix chamber 00 insert kit
GC2511	Mix chamber 01 insert kit
GC2512	Mix chamber 02 insert kit
GC2513	Mix chamber 03 insert kit
GC2514	Mix chamber 04 insert kit
GC2515	Mix chamber 05 insert kit
GC251A	Mix chamber AA insert kit
257988	P2 Elite chopper attachment, B-410
257989	P2 Elite chopper attachment, B-510

FUSION MP GUNS**Fusion Mechanical-Purge Guns, DI, Flat**

247050	Fusion MP direct impingement, flat pattern XF1313, FTM317
247051	Fusion MP direct impingement, flat pattern XF1313, FTM424
247057	Fusion MP direct impingement, flat pattern XF1818, FTM317
247058	Fusion MP direct impingement, flat pattern XF1818, FTM424
247061	Fusion MP direct impingement, flat pattern XF2323, FTM424
247062	Fusion MP direct impingement, flat pattern XF2323, FTM438
247063	Fusion MP direct impingement, flat pattern XF2323, FTM624
247065	Fusion MP direct impingement, flat pattern XF2929, FTM424
247066	Fusion MP direct impingement, flat pattern XF2929, FTM438
247067	Fusion MP direct impingement, flat pattern XF2929, FTM624
247073	Fusion MP direct impingement, flat pattern XF3535, FTM438
247074	Fusion MP direct impingement, flat pattern XF3535, FTM624
247075	Fusion MP direct impingement, flat pattern XF3535, FTM638
247081	Fusion MP direct impingement, flat pattern XF4747, FTM624
247082	Fusion MP direct impingement, flat pattern XF4747, FTM638

247083	Fusion MP direct impingement, flat pattern XF4747, FTM838
247089	Fusion MP direct impingement, flat pattern XF5757, FTM638
247090	Fusion MP direct impingement, flat pattern XF5757, FTM838
247091	Fusion MP direct impingement, flat pattern XF5757, FTM848
247163	Fusion MP direct impingement, flat pattern XF2332, FTM438

Fusion Mechanical-Purge Guns, Standard, Flat

247257	Fusion MP standard, flat pattern MF1818, FTM317
247258	Fusion MP standard, flat pattern MF1818, FTM424
247265	Fusion MP standard, flat pattern MF2929, FTM424
247266	Fusion MP standard, flat pattern MF2929, FTM438
247267	Fusion MP standard, flat pattern MF2929, FTM624
247273	Fusion MP standard, flat pattern MF3535, FTM438
247274	Fusion MP standard, flat pattern MF3535, FTM624
247275	Fusion MP standard, flat pattern MF3535, FTM638
247281	Fusion MP standard, flat pattern MF4747, FTM624
247282	Fusion MP standard, flat pattern MF4747, FTM638
247283	Fusion MP standard, flat pattern MF4747, FTM838
247289	Fusion MP standard, flat pattern MF5757, FTM638
247290	Fusion MP standard, flat pattern MF5757, FTM838
247291	Fusion MP standard, flat pattern MF5757, FTM848

Fusion Mechanical-Purge Guns, DI, Round

247003	Fusion MP direct impingement, round pattern XR2323, RTM040
247006	Fusion MP direct impingement, round pattern XR2929, RTM030
247007	Fusion MP direct impingement, round pattern XR2929, RTM040
247011	Fusion MP direct impingement, round pattern XR3535, RTM030
247012	Fusion MP direct impingement, round pattern XR3535, RTM040
247013	Fusion MP direct impingement, round pattern XR3535, RTM055
247018	Fusion MP direct impingement, round pattern XR4747, RTM040
247019	Fusion MP direct impingement, round pattern XR4747, RTM055
247025	Fusion MP direct impingement, round pattern XR5757, RTM055
247026	Fusion MP direct impingement, round pattern XR5757, RTM070

Fusion Mechanical-Purge Guns, Standard, Round

247211	Fusion MP standard, round pattern MR3535, RTM030
247212	Fusion MP standard, round pattern MR3535, RTM040
247213	Fusion MP standard, round pattern MR3535, RTM055
247218	Fusion MP standard, round pattern MR4747, RTM040
247219	Fusion MP standard, round pattern MR4747, RTM055
247225	Fusion MP standard, round pattern MR5757, RTM055
247226	Fusion MP standard, round pattern MR5757, RTM070
247231	Fusion MP standard, round pattern MR6666, RTM070
247232	Fusion MP standard, round pattern MR6666, RTM080
247233	Fusion MP standard, round pattern MR6666, RTM090
247239	Fusion MP standard, round pattern MR8282, RTM090
247240	Fusion MP standard, round pattern MR8282, RTM100
247245	Fusion MP standard, round pattern MR9494, RTM100
247246	Fusion MP standard, round pattern MR9494, RTM110

Fusion Mechanical-Purge Mix Modules

MF1818	Standard mix module, flat
MF2929	Standard mix module, flat
MF3535	Standard mix module, flat
MF4747	Standard mix module, flat
MF5757	Standard mix module, flat
MR3535	Standard mix module, round
MR4747	Standard mix module, round
MR5757	Standard mix module, round
MR6666	Standard mix module, round
MR8282	Standard mix module, round
MR9494	Standard mix module, round
XF1313	Direct impingement mix module, flat
XF1318	Direct impingement mix module, flat
XF1818	Direct impingement mix module, flat
XF1824	Direct impingement mix module, flat
XF2323	Direct impingement mix module, flat
XF2332	Direct impingement mix module, flat
XF2929	Direct impingement mix module, flat
XF3535	Direct impingement mix module, flat
XF4747	Direct impingement mix module, flat
XF5757	Direct impingement mix module, flat
XR2323	Direct impingement mix module, flat
XR2929	Direct impingement mix module, round

FUSION MP GUNS *(continued)***Fusion Mechanical-Purge Mix Modules** (CONTINUED)

- XR3535** Direct impingement mix module, round
XR4747 Direct impingement mix module, round
XR5757 Direct impingement mix module, round

Fusion Mechanical-Purge Round Tips

- RTM024** Kit, round tip, mechanical-purge
RTM030 Kit, round tip, mechanical-purge
RTM040 Kit, round tip, mechanical-purge
RTM055 Kit, round tip, mechanical-purge
RTM070 Kit, round tip, mechanical-purge
RTM080 Kit, round tip, mechanical-purge
RTM090 Kit, round tip, mechanical-purge
RTM100 Kit, round tip, mechanical-purge
RTM110 Kit, round tip, mechanical-purge

Fusion Mechanical-Purge Flat Tips

- FTM317** Kit, flat tip, mechanical-purge, 6 in (152 mm) pattern, very low flow
FTM424 Kit, flat tip, mechanical-purge, 8 in (203 mm) pattern, low flow
FTM438 Kit, flat tip, mechanical-purge, 8 in (203 mm) pattern, medium flow
FTM624 Kit, flat tip, mechanical-purge, 12 in (305 mm) pattern, low flow
FTM638 Kit, flat tip, mechanical-purge, 12 in (305 mm) pattern, medium flow
FTM838 Kit, flat tip, mechanical-purge, 16 in (406 mm) pattern, medium flow
FTM848 Kit, flat tip, mechanical-purge, 16 in (406 mm) pattern, high flow

FUSION MECHANICAL-PURGE PARTS AND ACCESSORIES

- 244915** Mechanical-Purge gun cover kit, pack of 10
248603 Kit converts Fusion MP gun to Solvent-Purge
248642 Static mixer assembly for Solvent-Purge Gun, 3 in (76 mm)
248682 Fusion Mechanical pour adapter kit
15D546 Fusion gun cleaning kit
119386 Drill bit kit, 20-piece, #61-#81
248000 Kit, complete O-ring, Fusion MP
248001 Kit, purge rod
248003 Kit, front/rear packing, pack of 4

TRANSFER PUMPS AND AGITATORS**Complete Supply Pump Systems**

Includes the following: All air and fluid fittings, hoses for two pumps.

- 247955** Complete T1 (247956) supply pump system
246081 Complete T2 (246898) supply pump system
246655 Complete Triton® 308 (246677) supply pump system
246369 Complete Husky™ 515 (246481) supply pump system
246375 Complete Husky 716 (246482) supply pump system
246376 Complete Husky 1050 (246676) supply pump system

Supply Pumps with Drum Riser Tube

- 256200** T1 2:1 ratio piston pump for higher viscosity materials, 360 psi max fluid psi, 2.5 gpm @ 100 cpm
295616 T2 2:1 ratio piston pump for higher viscosity materials, 405 psi max fluid psi, 5.0 gpm @ 100 cpm
246654 Triton 308 diaphragm pump, aluminum, 3/8 in fluid outlet, 115 psi max air inlet, 2.0 gpm @ 60 cpm, 1.7 cfm per gpm
246366 Husky 515 diaphragm pump, acetal bolted design, 100 psi max air inlet, 7.5 gpm @ 60 cpm, 3 cfm per gpm
246367 Husky 716 diaphragm pump, aluminum clamped design, 100 psi max air inlet, 7.5 gpm @ 60 cpm, 3 cfm per gpm

- 246368** Husky 1050 diaphragm pump for trailer mounts – aluminum, bolted, wall mount, 125 psi max air inlet, 9 gpm @ 60 cpm
248825 5:1 Monark® drum pump, for high viscosity materials, 900 psi max fluid psi, 10 ft (3 m) hose, 3/4 npt (m), air regulator, manual 310863

Two Supply Pumps with Fluid Plumbing

- 247956** T1 pumps with supply hoses
246898 T2 pumps with supply hoses
246677 Triton 308 (246654), 10 ft x 3/4 in (3 m x 19 mm) supply hose
246481 Husky 515 (246366), 10 ft x 3/4 in (3 m x 19 mm) supply hose
246482 Husky 716 (246367), 10 ft x 3/4 in (3 m x 19 mm) supply hose
246676 Husky 1050 (246368), 10 ft x 3/4 in (3 m x 19 mm) supply hose, 6 ft x 3/4 in (1.8 m x 19 mm) suction hose

Supply Pump Accessories

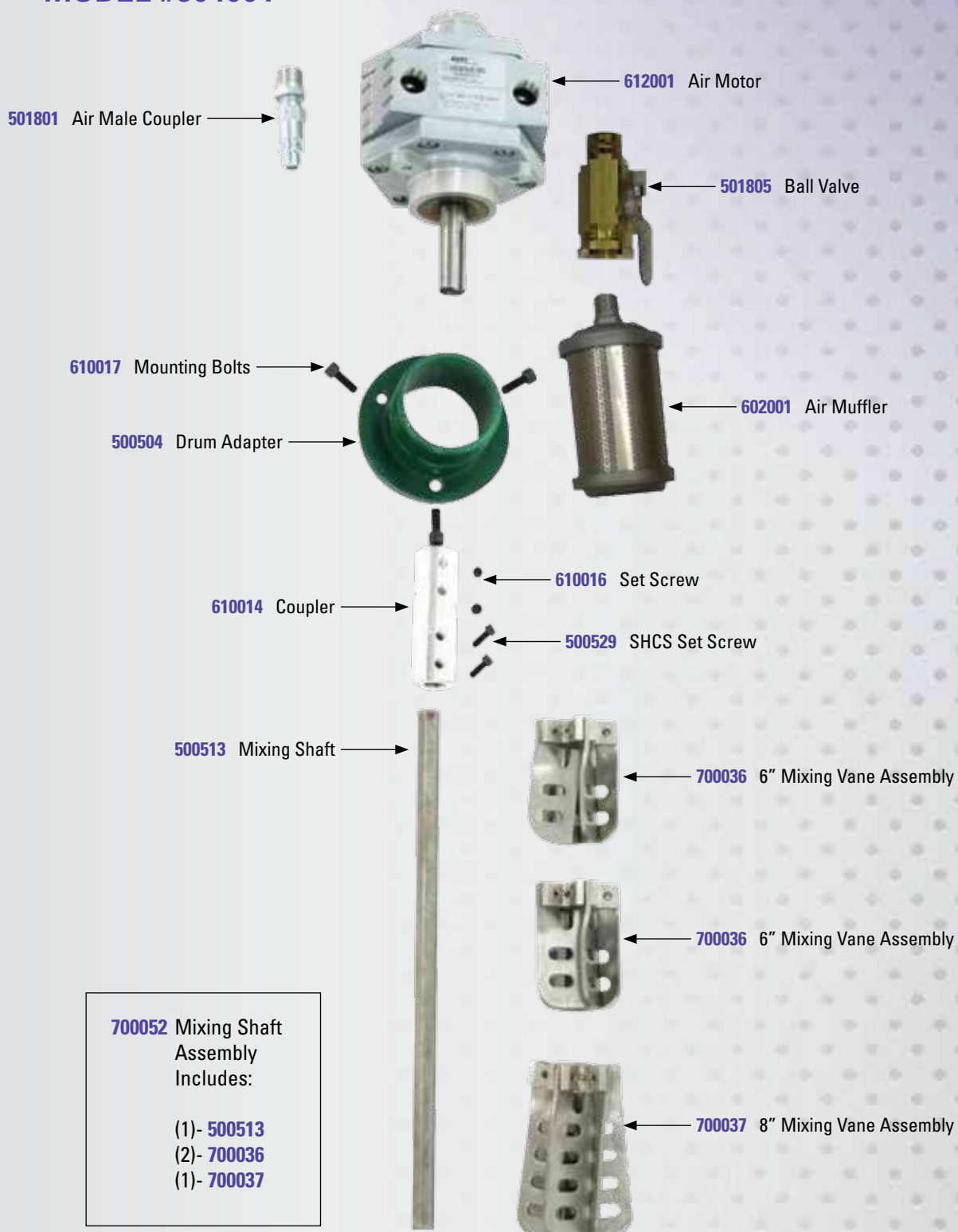
- 246419** 55 gal (208 l) feed pump tube with inlet ball check
246477 3/4 in (19 mm) bung return tube with air dryer port
246483 Air distribution kit, 120 psi (8.4 bar, 0.84 MPa) for two feed pumps and a Fusion gun
247616 Desiccant dryer kit
246978 Reactor manifold circulation kit with return tubes, return fluid lines and dryers
15C381 Desiccant replacement
24N451 T2 pump tote extender

Agitators

- 224854** Twistork CS, air-operated, 1-1/2 HP, 37.3 in (0.9 m) length
235534 Twistork SST, air-operated, 1-1/2 HP, 37.3 in (0.9 m) length
236629 Twistork SST, air-operated with built-in return tube, 3/4 HP, 47.5 in (1.2 m) in length
248824 Twistork CS, air-operated (224854), 1-1/2 HP, 37.3 in (0.9 m) with air hose
24C728 Expanding blade mixer, low viscosity, up to 1000 centipoise
24C729 Expanding blade mixer, high-viscosity, up to 2000 centipoise
24G621 Agitator speed control

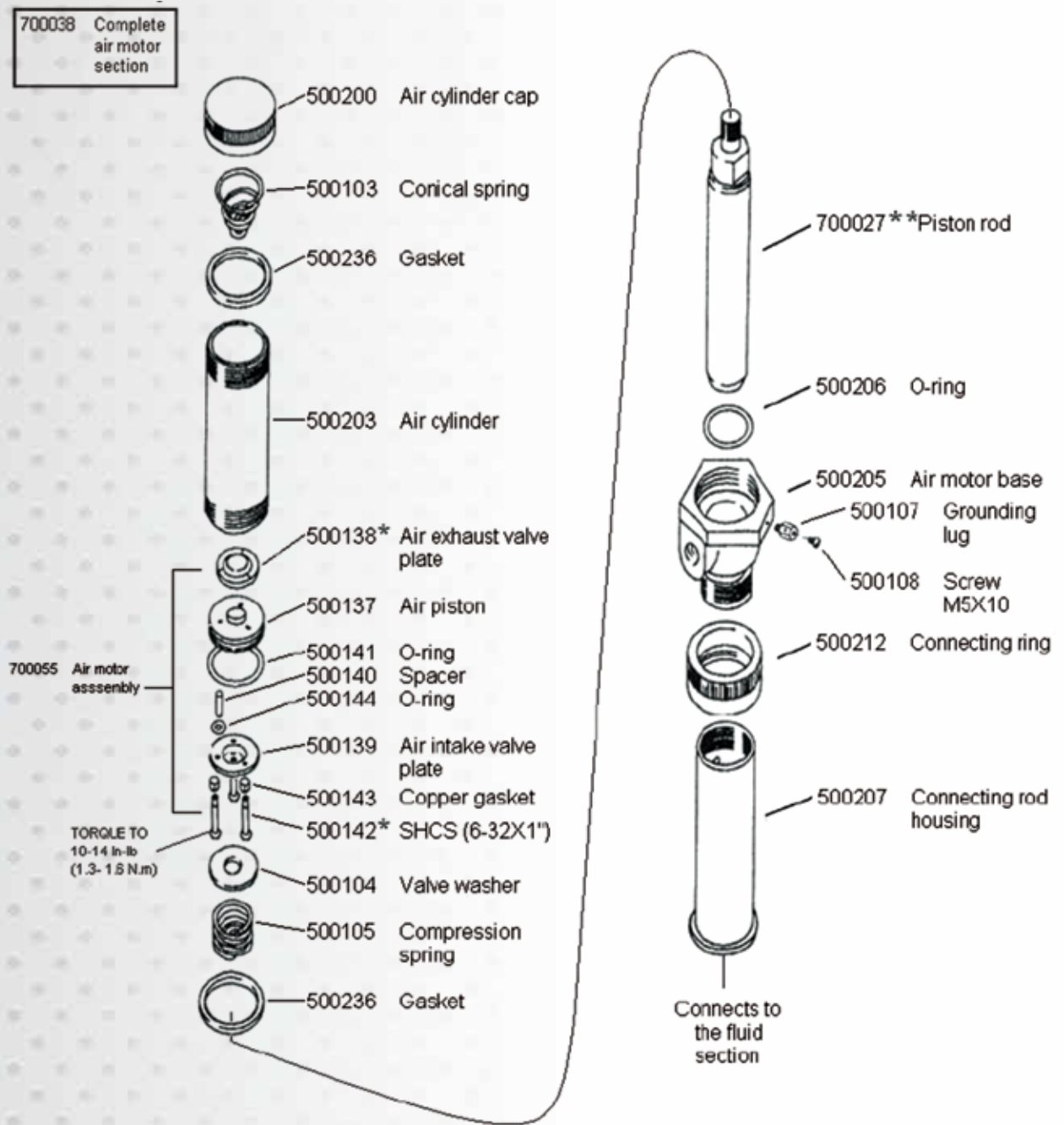
IPM AIR DRIVEN DRUM MIXER – PARTS ILLUSTRATION

MODEL #604001



IPM | PUMP BREAKDOWN DIAGRAMS

PARTS DRAWING FOR AIR MOTOR SECTION – PUMP #810201



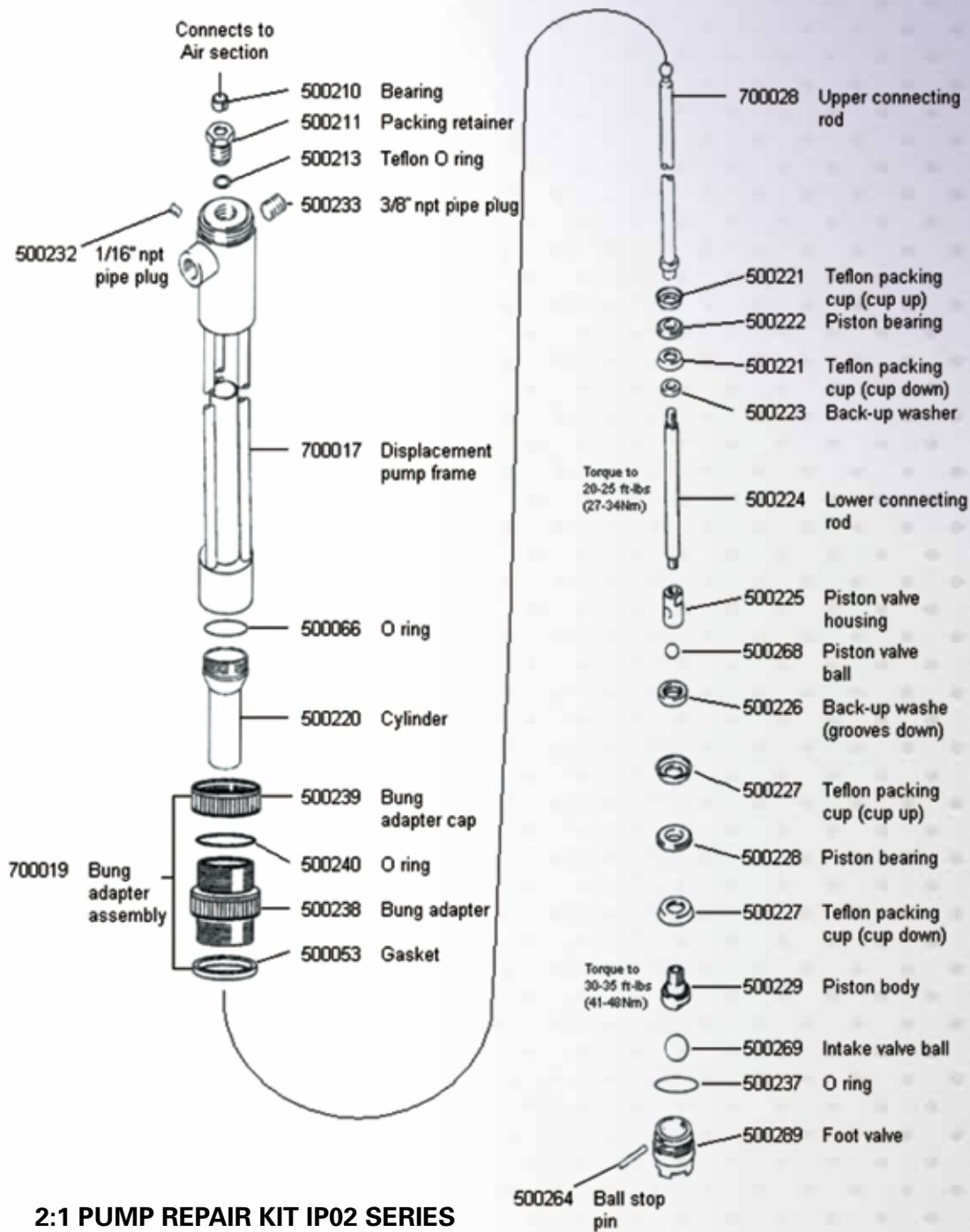
* Part number 500142 (threads) and part number 500138 require the use of T200003 Loctite to help ensure they do not come undone.

** Part number 700027 (threads) require the use of T200003 Loctite to help ensure they do not come undone.

2:1 PUMP REPAIR KIT IP02 SERIES

601011 Air section repair kit		
Fits: 810201, 810202, 810203, 810204		
Components include		
Part #	Description	Qty
500141	Viton O-ring	1
500144	Viton O-ring	3
500206	Duro-nitrile O-ring	1
500236	NBR Gasket	2

PARTS DRAWING FOR FLUID SECTION – PUMP #810201



2:1 PUMP REPAIR KIT IP02 SERIES

601013	Fluid section repair kit		
Fits: 810201, 810202, 810203, 810204			
Components include			
Part #	Description	Qty	
500066	Viton O-ring	1	
500213	Teflon O-ring	1	
500221	Teflon packing cup	2	
500222	Peek bearing	1	
500227	Teflon packing cup	2	
500228	Peek bearing	1	
500237	Viton O-ring	1	
500248	Teflon O-ring	1	

IPM PARTS

PART#	DESCRIPTION	PART#	DESCRIPTION
500001	Press relief screw, s45c	500094	Gasket, nylon, square cut, 3"OD x 2 3/4"ID x .128" gauge
500002	Washer, fiber	500095	O-ring, Viton, 2 1/2"ID x .040" dia.
500004	Bumper, NBR, .622"H x 1.18" dia.	500096	Air cylinder cap screw
500005	Conical spring, cadmium plated, 1.69"C/C x .59"C/C x 1.25"H x .118" dia.	500100	Air cylinder cap, A5051 aluminum
500006	O-ring, NBR, square cut, 3.25"OD x 2.85"ID x .133 gauge	500101	Gasket, NBR, 2.125"OD x 1.93"ID x .094" gauge
500011	Air piston, 420 SST	500102	Air cylinder, A6063-T8 aluminum
500012	Spacer, 303 SST	500103	Conical spring, music wire, 1.69"C/C x .59"C/C x 1.06"H x .118 dia. Same as part #500284
500013	Air valve, lower, A6061-T6 Aluminum	500104	Valve washer, s45c, 1.75"OD x .57"ID x .118" gauge
500014	Socket head cap screw, s45c, 10-32 x 1" x 5/16" SHCS	500105	Compression spring, music wire, 1.56"C/C x 1.42"H x .138" dia. Same as part #500204
500015	Gasket top, nylon, .748"OD x .55"ID x .039" gauge	500106	Piston shaft, s45c
500016	Gasket bottom, nylon, .874"OD x .35"ID x .039 gauge	500107	Grounding lug, s45c
500017	Wear ring, Teflon, 2.99OD x 2.55ID x 125" gauge	500108	Machine screw, round head
500018	U-cup, NBR, 3"OD x 2.56"ID x .218" gauge	500109	Air motor base, ADC12 cast aluminum
500019	O-ring, Viton, .738"ID x .070" dia.	500110	V block packing seal, NBR, 1.65"OD x 1.42"ID x .161 gauge
500020	Plunger top, A5150 aluminum	500111	Conical muffler, s45c
500022	Dowel pin, s45c, 1/4" dia. X 1 3/4"L	500112	Flat head retention pin, s45c, 1 1/2"L x 3/8" dia.
500023	O-ring, NBR, 1.61"ID x .138" dia.	500113	Cotter pin, s45c, 1.8"L
500026	Compression spring, music wire, 2.63"OD x 2"H x .208" dia.	500114	O-ring, Viton, 1.114"ID x .070" dia.
500027	Air cylinder base, ADCcast aluminum,	500115	Locking nut, s45c
500029	Quick disconnect, s45c, 1/4"M	500116	Tie rod - Same as part #500163
500030	U-cup, NBR, 2 1/2"OD x 2 1/8"ID x 3/16" gauge	500117	Packing nut, 304 SST - Same as part #500152
500031	Packing nut, A5051 aluminum	500119	V packing seal, UHMW, 1.78"OD x 1.25"ID x .173"H
500032	Standoff, s45c,	500121	Outlet housing, 304 SST
500033	V seal retainer, aluminum	500122	Grease fitting, .125" dia.
500034	V packing, Teflon	500123	Displacement rod, s45c
500035	V seal expander, aluminum	500124	O-ring, Teflon, 1.86ID x .070" dia.
500036	Wiper ring, NBR	500125	Hex nut, M14 x 1.5"L
500037	Air cylinder mounting flange, 304 SST	500126	Lower connecting rod, s45c
500038	Grounding lug, s45c	500127	Piston head, s45c
500039	Machine screw, round head, s45c	500128	Pressure cylinder, s20c
500040	Socket head cap screw, s45c	500129	Piston valve housing, s45c
500041	Gasket, Teflon, .937"OD x .629"ID x .118" gauge	500130	Piston valve, s45c
500042	O-ring, FKM, 1.98"ID x .103" dia.	500131	Washer, s45c, 1.56"OD x 1.09"ID x .10" gauge
500047	Pressure cylinder, 304SST	500132	Piston cup seal, UHMW
500048	Bung adaptor, 304 SST	500137	Air piston, A5051 aluminum
500049	Bung adaptor clamp lever, CRS sheet metal	500138	Exhaust valve plate, SST w/ Teflon seal
500050	Bung adaptor latch hook, 1074 spring steel	500139	Intake valve plate, s45c
500051	Roll split pin, 1/8" dia. x 3/4"L	500140	Valve plate spacer, copper, .196"OD x .141"ID x .68"L
500052	Roll split pin, 1/8" dia. x 7/8"L	500141	O-ring, Viton, 1.72"ID x .209" dia.
500053	Gasket, Viton, square cut, 2.73"OD x 2.34"ID x .204" gauge	500142	Socket head cap screw, s45c
500054	Roll pin, 3/16" dia. x 1 1/4"L	500143	Gasket, copper, .303"OD x .138"ID x .031" gauge
500055	Roll pin, 3/16" dia. x 3/4"L	500144	O-ring, Viton, .233"ID x .138" dia.
500056	O-ring, Viton, .55"ID x .103" dia.	500145	Bung adaptor body, s45c
500057	Piston housing, 304 SST	500146	Bung adaptor ring, s45c
500058	Main shaft, 303 SST	500147	O-ring, Viton, 1.97"ID x .210" dia.
500059	Upper piston bottom, 304 SST	500150	Pressure cylinder
500061	Piston cup packing seal, Teflon	500151	Lower connecting rod, SST
500062	Set screw, hex - Same as part #500021	500153	Gland, Female, SST
500063	U-cup, Teflon, 1.98"OD x 1.5"ID	500154	Gland, Male, SST
500064	Wear ring, Teflon, 1.99"OD x 1.5"ID x .127" dia.	500155	Displacement rod, SST
500065	Piston valve housing, 304 SST	500156	Hex nut, M14 x 1.5"L
500066	O-ring, Viton, 1.86"ID x .070" dia.	500157	Lower connecting rod, SST
500067	Suction tube, 304SST	500158	Piston head, 304 SST
500068	Ball, 440c, 3/4" dia.	500159	Pressure cylinder, SST
500069	E-clip, 303 SST	500160	Piston housing, 304 SST
500070	Snap ring, 303 SST	500161	Washer, SST
500072	Spanner pin, s45c, 3.5"L x .312" dia.	500164	Piston spacer, Teflon, 1 3/4"OD x 1 1/4"ID x 3/8" gauge
500085	Main shaft, 303 SST	500165	Lower connecting rod, SST
500087	Foot valve housing, 304SST, 3/4"M NPT	500166	Pressure cylinder, SST
500088	Extension tube, 40Cr, 5"L	500177	Pressure cylinder, pail length
500090	Bung adaptor riser, 304SST, 1 1/2"H	500180	V packing seal, Teflon

PART #	DESCRIPTION
500181	Piston cup seal, Teflon
500183	Bung adaptor bushing, nylon
500187	Shaft felt wiper/lubricator
500188	Foot valve housing, SST, 3/4" M threaded port - REPLACES part #500167
500191	Foot Valve Housing
500192	E-clip, SST
500193	Snap ring, SST
500194	Foot valve housing, SST, 1" F threaded port
500195	Foot valve housing, SST, 3/4" F threaded port
500196	Foot valve housing, CS
500197	Foot valve housing, SST
500198	Foot valve housing, CS
500200	Air cylinder cap
500203	Air cylinder
500205	Air motor base, ADC12 cast aluminum
500206	O-ring, duro-nitrile, 1.35" ID x .138" dia.
500207	Connecting rod housing, s45c
500210	Connecting rod bearing
500211	Packing retainer
500212	Connecting ring, s45c
500213	O-ring, Teflon, .50" ID x .078 dia.
500220	Pressure cylinder, CS
500221	Packing cup seal, Teflon
500222	Piston bearing, PEEK, .99" OD x .5" ID x .248" gauge
500223	Back-up washer, s45c, .748" OD x .378" ID x .177 gauge
500224	Lower Connecting Rod, s45c
500225	Piston valve housing, s45c
500226	Back-up washer, s45c
500227	Packing cup seal, Teflon
500228	Piston Bearing, PEEK, 1.38" OD x .7" ID x .251" gauge
500229	Piston body, s45c
500232	Plug, s45c, 1/16" NPT
500233	Plug, s45c, 3/8" NPT
500236	Gasket, NBR, square cut, 2.185" OD x 1.86" ID x .094" gauge
500237	O-ring, Viton, 1.48 ID x .070 dia.
500238	Bung Adapter, s45c
500239	Bung adaptor ring, s45c
500240	O-ring, Viton, 2.23" ID x .138" dia.
500241	Air cylinder
500245	Pressure cylinder, SST
500246	Lower connecting rod, SST
500248	O-ring, Teflon, 1.55" ID x .118" dia.
500252	Packing nut, aluminum
500258	Pressure cylinder, SST
500259	Back-up washer
500260	Lower connecting rod, SST
500261	Piston valve housing, SST
500262	Back-up washer
500263	Piston body, SST
500264	Ball stop pin, Same as part #500350 - REPLACES part #500230
500266	Plug, SST, 1/16" NPT
500267	Plug, SST, 3/8" NPT
500268	Ball, SST, 1/2" dia.
500269	Ball, SST, 7/8" dia.
500272	Pressure cylinder, SST
500274	Foot valve housing, SST, 3/4" F thread port
500275	Lower connecting rod, SST
500282	Gasket, NBR, 2.36" OD x 1.94" ID x .140" gauge
500287	Locking flange nut, 2"
500289	Foot valve housing, CS
500290	Foot valve housing, SST
500292	Foot valve housing insert, SST,

PART #	DESCRIPTION
500293	Extension tube, SST, 5 1/2" L
500294	Extension tube, SST, 14 1/2" L
500295	Extension tube, SST, 18 1/2" L
500300	Cylinder cap nut
500301	Air cylinder
500302	Trip rod, s45c
500303	Actuator valve
500304	Valve poppet
500305	Pan head machine screw, SST
500306	Spring clip, spring steel
500307	Locking wire
500308	Air intake grommet, NBR
500309	Adjusting nut, s45c
500310	Valve stem, s45c
500311	Valve poppet, urethane
500312	Trip rod yoke, s45c
500313	Rocker toggle, s45c
500314	Toggle arm, s45c
500315	Compression spring, spring wire, .464" OD x 1.26" H x .067 dia.
500316	Toggle pin, s45c
500317	O-ring, NBR
500318	O-ring, NBR
500319	O-ring, 4.53" OD x .125 dia.
500320	Piston head
500321	Washer, copper, .67" OD x .55" ID x .031 gauge
500322	Hex head machine bolt, s45c, .87" L x 5/16" -18UN-2A
500323	Air motor base, ADC12 cast aluminum
500324	Piston rod, s45c
500325	Hex head machine bolt, s45c, .037 L x 8-32UN-2A
500326	Pump identification plate
500327	Pump warning plate
500342	Pump base, SST
500343	Extension tube, 40cr, 1" L
500345	Piston valve, 303 SST
500346	Foot valve housing, 303 SST
500347	Pressure relief ball cap, 303 SST
500348	Ball, 40c, 1/4" dia.
500349	Compression spring, SST, .2" C/C x .314" H x .04" dia.
500353	Extension tube, SST, 1" L
500402	O-ring, NBR, .49 ID x .098" dia.
500404	Air cylinder
500405	Valve actuator
500406	Trip rod, s45c
500407	Spring clip, spring steel
500408	Piston head
500409	O-ring, NBR, 5.47 ID x .275" dia.
500410	Gasket, copper
500411	Piston rod, s45c
500414	O-ring, NBR, 4.22" ID x .209" dia.
500415	Gasket, NBR, square cut, 6.26" OD x 6.023" ID x .125 gauge
500416	Air motor base, ADC12 cast aluminum
500417	Pump warning plate
500418	Pump identification plate
500421	V packing seal, UHMW, 1.88" OD x 1.37 ID x .208"
500422	V packing seal, Teflon, 1.88" OD x 1.63" ID x .208"
500424	Foot valve housing
500425	O-ring, Teflon, 2.05" ID x .103 dia.
500437	V packing seal, UHMW, 1.94 OD x 1.48" ID x .169"
500438	V packing seal, Teflon, 1.94" OD x 1.48" ID x .169"
500447	Tie rod, s45c
500448	Locking nut, s45c
500449	Cotter pin, 1 7/8
500450	Packing nut
500451	Gland, SST, female
500452	Gland, SST, male

IPM PARTS

PART #	DESCRIPTION
500453	Displacement rod
500456	Coupling nut
500457	Hex nut
500458	Connecting rod adaptor, SST
500459	Piston mounting stud
500460	Ball stop pin, s45c
500461	Cotter pin, 3/4"
500462	Piston washer
500463	Gland, SST, male
500464	Gland, SST, female
500465	Piston stud
500466	Ball, SST, 1 1/4" dia.
500468	Ball stop pin, s45c
500472	Hex head bolt
500489	Pump identification plate
500490	Pump warning plate
500492	Foot valve housing, 304 SST
500496	Foot valve housing, 303 SST
500497	Pressure cylinder
500500	Mixing blade assembly hub, cast aluminum, 5 slot
500504	Drum mixer bung adaptor
500513	Hex mixing shaft
500528	Hex socket cap bolt
500529	Hex socket cap bolt
500802	Valve housing
500804	Main shaft
500807	O-ring
500813	Ball, 40cr
500819	Pressure cylinder
500820	Intake ball guide
500821	Ball stop pin, s45c
501001	Tie rod, s45c
501004	Piston washer
501005	Piston valve housing
501006	Gland, SST, female
501007	V packing seal
501008	V packing seal
501009	Gland, SST, male
501202	Extension coupler, 1"F x 1"F
501203	Foot valve housing, SST, 3/4"F threaded port
501515	Gland, SST, female
501516	Piston stud
501517	Pressure cylinder
501518	Foot valve housing
501603	Main shaft
501604	U-cup seal retaining collar
501605	Foot valve coupler, SST, 1"L
501606	Foot valve adaptor, SST, 3/4"
501607	Extension tube, SST, 18"
501608	Air cylinder mounting flange
501610	O-ring, Viton
501611	Pressure tube
501612	Pressure cylinder
501618	Piston bottom
501619	Retaining collar
501620	V packing seal, Teflon
501621	Gland, Teflon, male
501622	Gland, Teflon, female
501801	Hose connector, male, 3/8"
501804	Ball valve, 1/4"
501805	Ball valve, 3/8"
601001	Air section repair kit, 830802, 830803
601002	Air section repair kit, 840902, 840903
601004	Fluid section repair kit, Teflon: 810101, 810102, 810013, 810014, 810105

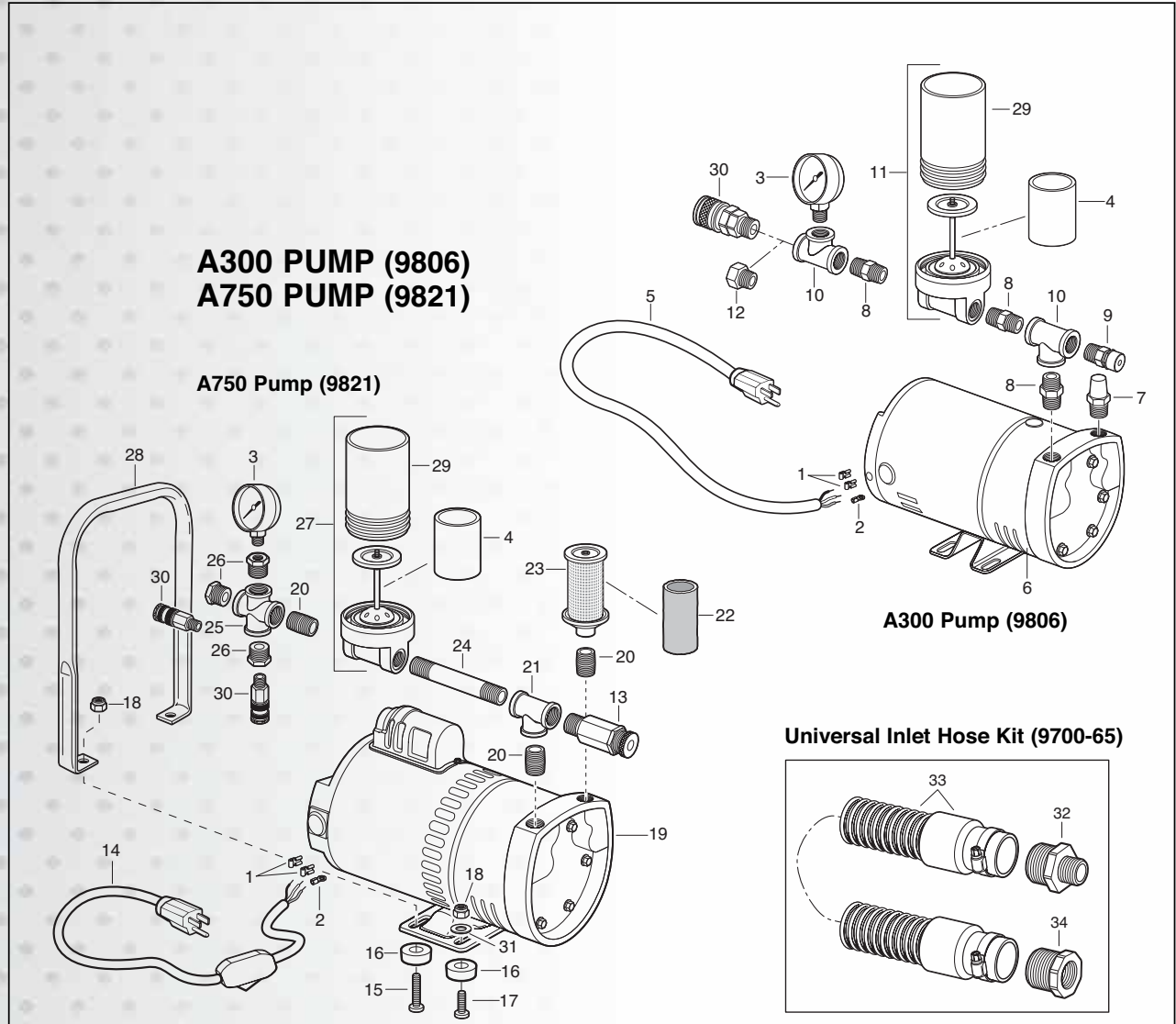
PART #	DESCRIPTION
601005	Air section repair kit: 81010, 810102, 810103, 810104, 810105
601006	Fluid section repair kit, UHMW: 810101, 810102, 810103, 810104, 810105
601011	Air section repair kit: 810201, 810201, 810203, 810204, 810206, 810207
601013	Fluid section repair kit: 810201, 810202, 810203, 810204
601018	Air section repair kit: 820301, 820302, 820303, 820304, 820306, 820307, 820308
601020	Fluid section repair kit: 830802, 830803, 840902, 840903
601035	Fluid section repair kit: 820301, 820302, 820303
601036	Fluid section repair kit: 820304, 820306
601039	Fluid section seal conversion kit: 820304
602001	Drum mixer muffler
602004	In-line lubricator, 1/4"F x 1/4M
602005	In-line lubricator, 3/8F x 3/8"M
603005	Drum riser, 5 1/2", 30 GAL drum
602001	Drum mixer muffler
602004	In-line lubricator, 1/4"F x 1/4M
602005	In-line lubricator, 3/8F x 3/8"M
603000	Pump utility cart
603005	Drum riser, 5 1/2", 30 GAL drum
604001	Drum mixer, standard length
606001	Drum warmer, 55 GAL, 110v
607002	Intake strainer, CS, 3/4"F
608002	Air regulator, 145 PSI, 1/4" NPT, w/ lubricator & moisture separator
608003	Silica gel air dryer, moisture indicating, 3/4"M NPT
608005	Pressure gauge, liquid filled, 400 PSI
609012	Supply hose, 3/4"M x 10'M, swivel fittings
609013	Supply hose, 3/4"M x 15'M, swivel fittings
609014	Supply hose, 3/4"M x 20'M, swivel fittings
609015	Supply hose, 3/4"M x 25'M, swivel fittings
609016	Supply hose, 3/4"M x 5'M, swivel fittings
609036	Heated material supply hose, 3/4"M swivel x 10'M swivel
609050	Dip tube, aluminum, 1"M x 1"M x 14 1/2"
609051	Supply hose, Nyall, 3/4"M x 2'M
610001	Swivel union, s45c, 3/4"F x 3/4"M
610003	Quick disconnect, 1/4"F
610004	Swivel union, s45c, 3/4"F x 3/4"F
610005	Swivel union, s45c, 3/4"M x 1/2"F
610006	Swivel union, s45c, 1/2"M x 1/2"F
610008	Tee, brass, 1/4"M x 1/4"F x 1/4"F
610009	Tee, brass, 1/4"F x 1/4"F x 1/4"F
610010	Pipe reducer, brass, 3/8"M x 1/4"M
610011	Pipe nipple, brass, 1/4"M x 1/4"M
610012	4 way connector, brass, all 1/4"F
610013	Swivel union, s45c, 1F x 3/4"M
610014	Mixing shaft coupler, aluminum
610016	Set screw
610017	Hex head bolt, 1/2"
610018	Swivel union, s45c, 1/4"M x 1/4"F
610040	Bushing, s45c, 1/2"M x 1/4"F
610041	Ball valve, brass, 3/4"F x 3/4"M
610042	Ball valve, brass, 1/2"F x 1/2"M
610043	90 degree elbow, 1/2"F x 1/2"F
610046	Pump mounting bracket, aluminum
610047	Mounting bracket screws, 1/4" x 1"
610048	90 degree elbow, 1"F x 3/4"F
610049	Dip tube, aluminum, 1"M x 1"M x 36"
610050	90 degree elbow, 3/4"M x 3/4"F
610051	Bung nut, s45c, 2"M x 1" smooth bore hole
610052	O-ring, NBR
610057	Swivel union, s45c, 1"M x 3/4"F

PART#	DESCRIPTION
610062	Tote cam lock connector, aluminum, 2"F NPT
610063	Reducer, s45c, 3/4"M x 1/2"M
610064	Quick disconnect, s45c, 1/4"M
610065	Swivel union reducer, s45c, 3/4"F x 1/2"M
610067	Off-set drum mixer riser
610069	Foot valve housing, 1/2"F threaded port
610070	Tee, 3/4"F x 3/4"M x 1/2"F swivel
610071	Drum mixer shaft, tote length, hex
610072	Drum mixer, tote length
610074	Pump mounting bracket, tote configuration, aluminum
610075	Output reducer, tote configuration, 2"M x 3/4"F
610077	Roll pin
610078	Pipe nipple, iron, 1/4"M x 1/4"M
610079	90 degree elbow, iron, 1/4"F x 1/4"F
610080	Pipe cap, iron, 1/4"F
610082	90 degree swivel, s45c, 1/4"F x 1/4"M
610083	Runaway pump safety switch
610084	Tee, s45c, 3/4"M x 3/4"F x 3/4"M
610085	Pipe plug, s45c, 1/4"F
610086	Bushing, s45c, 3/4"M x 1/4"F
610089	Universal 110v adaptor/surge protector
610090	Silica gel compound, moisture indicating
610091	Round screen, steel, 3/4" dia.
610092	Filter, brass, 3/4"M, 250 CFM, 90 micron
612001	Drum mixer air motor
700001	Air cylinder cap
700002	Air cylinder
700003	Upper air valve assembly
700004	Air motor assembly
700005	Displacement plunger
700006	Pump body, CS
700007	Pump body, SST
700008	Bung adaptor assembly
700009	Bung adaptor clamp assembly
700010	Pump shaft assembly
700011	Pump body, SST
700012	Pump body assembly, SST
700013	Pump shaft assembly
700015	Bung adaptor
700017	Pump body, CS
700019	Bung adaptor
700020	Pump body, SST
700023	Pump body, SST
700025	Pump body, SST
700027	Piston rod
700028	Upper connecting rod, CS
700029	Upper connecting rod, CS
700030	Upper connecting rod, SST
700031	Upper connecting rod, SST
700032	Bearing housing assembly
700033	Lower connecting rod, SST
700036	Mixing blade assembly, SST, 6"
700037	Mixing blade assembly, SST, 8"
700038	Air section assembly, complete
700045	Air section assembly, complete
700046	Air section assembly, complete
700052	Mixing shaft assembly, 6" x 6" x 8"
700055	Air motor assembly
700065	Packing nut
700066	Outlet housing, 304 SST
700071	Mixing blade assembly, SST, 13"
700074	Pump shaft assembly, SST
700091	Drum mixer shaft assembly, tote length
700097	Pump wall mount assembly
700098	Return line assembly

PART#	DESCRIPTION
700099	Dip tube assembly
700100	Air hose assembly
700101	Air hose attachment, drum mixer
700103	Tote mounting bracket assembly
700104	Dip tube assembly, pail length & OP200 into drum length
700107	55 GAL replacement drum lid w/ collar band & bolt
810101	IP01: Drum length transfer pump, CS, 1:1 ratio
810102	IP01: Stubby length transfer pump, CS, 1:1 ratio
810103	IP01: Drum length transfer pump, SST, 1:1 ratio
810104	IP01: Stubby length transfer pump, SST, 1:1 ratio
810105	IP01: 5 GAL pail length transfer pump, CS, 1:1 ratio
810201	IP02: Drum length transfer pump, CS, 2:1 ratio
810202	IP02: Stubby length transfer pump, CS, 2:1 ratio
810203	IP02: Drum length transfer pump, SST, 2:1 ratio
810204	IP02: Stubby length transfer pump, SST, 2:1 ratio
810206	IP02: Drum length transfer pump, 2:1 ratio, SST, Pressure relief foot valve
810207	IP02: Stubby length transfer pump, 2:1 ratio, SST, Pressure relief foot valve
820301	OP232C: Drum length transfer pump, SST, 2:1 ratio
820302	OP242A: 3/4 length transfer pump, SST, 2:1 ratio
820303	OP242CD: Drum length transfer pump, SST, 2:1 ratio, low ceiling application
820304	OP200S: Wall mounted transfer pump, 2:1 SST
820306	OP250: Drum length transfer pump, 2:1 SST
830802	IP05: Drum length transfer pump, SST, 5:1 ratio, medium duty
830803	IP05: Stubby length transfer pump, SST, 5:1 ratio, medium duty
840902	IP10: Drum length transfer pump, SST, 10:1 ratio, medium duty
840903	IP10: Stubby length transfer pump, SST, 10:1 ratio, medium duty
841001	IP15: Stubby length transfer pump, SST, 15:1 ratio, heavy duty
841101	IP30: Stubby length transfer pump, SST, 30:1 ratio, heavy duty
T200003	PermaBond Blue, thread locker
T200004	Lubra-Plate
T200057	Loctite 380 "Black Max"

ALLEGRO REPLACEMENT PARTS

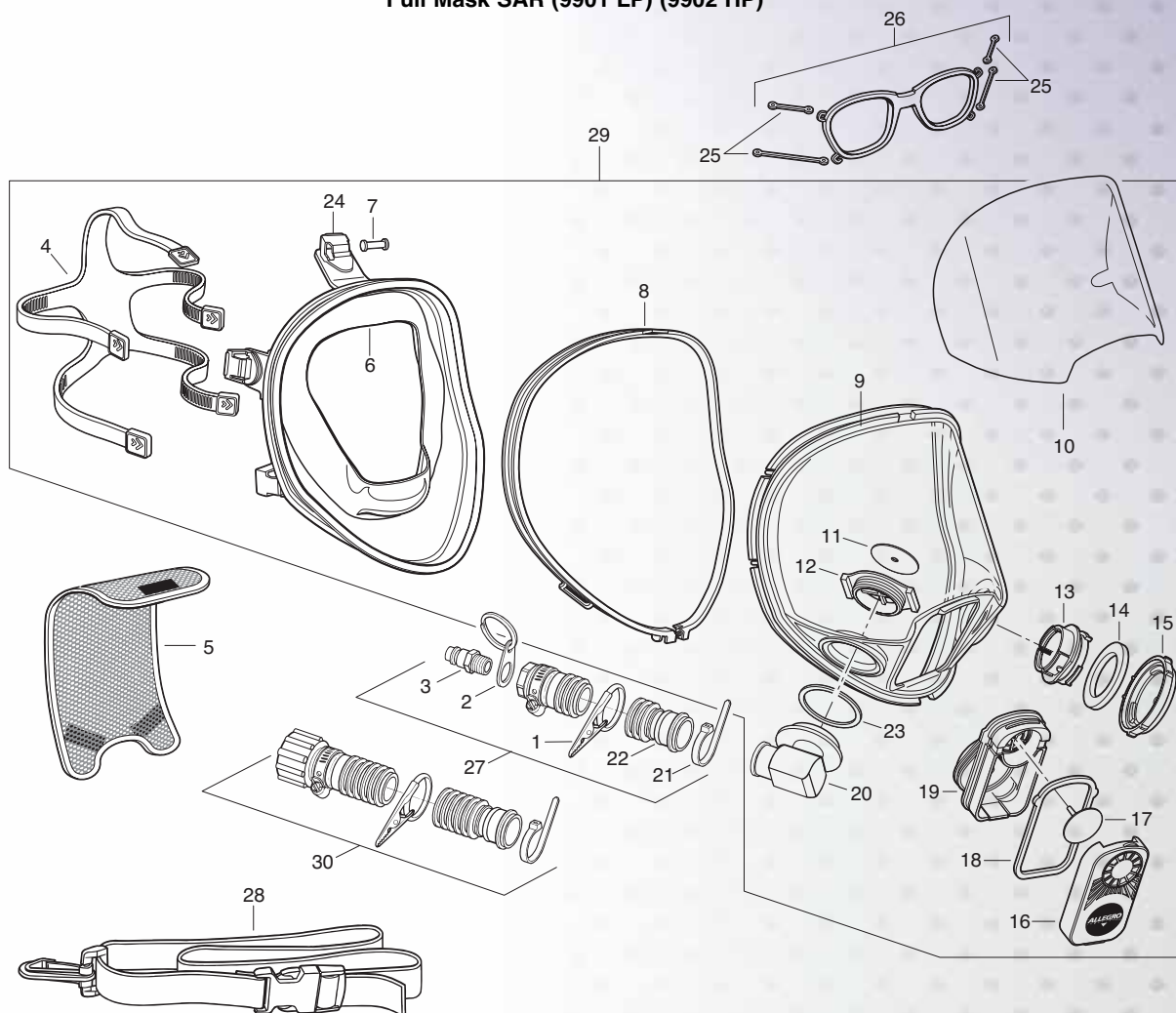
ALLEGRO A300 & A750 PUMP



Key	Part #	Description	Key	Part #	Description	Key	Part #	Description
	9806	A-300 Pump	16	9700-06	Rubber Feet (each)	33	9700-66	Universal Inlet Hose (50 Feet) w/Cuff
	9821	A-750 Pump	17	9800-69	Machine Screw	34	9700-60A	Bushing
	9822	A-750TE (Totally Enclosed)	18	9800-64	Nylon Lock Nut		9700-60C	Bushing for 9846-27 (Not Shown)
1	9800-75	Flag Connector	19	9821-AA	Pump & Motor Assembly (3/4 HP Motor)		9000-27	Adaptor for 9806 (Not Shown)
2	9800-76	Ground Connector	20	9000-05	Close Nipple Tube	Available for All Models		
3	9700-04	Pressure Gauge	21	9000-04	Brass Tee	9700-11		Pump Flushing Liquid (Not Shown)
4	9700-02	Exhaust Filter Element	22	9700-01	Inlet Filter Element	9700-65		Universal Inlet Hose Kit (complete)
5	9512-02A	Cord	23	9700-08	Inlet Filter Assembly (w/Filter)	Model A-300 Service Kit (Not Shown)		
6	9806AA	Pump & Motor Assembly (1/4 HP Motor)	24	9000-06	Nipple Tube	9700-40		Service Kit Includes; Vanes (set of 4), Filters, and Flushing Liquid
7	9700-07	Inlet Filter	25	9000-09	Galvanized Cross	9700-41S		Vanes (set of 4)
8	9000-25	Hex Nipple	26	9000-07	Chrome Hex Bushing	Model A-750, A-750TE Service Kit (Not Shown)		
9	9700-79	Pressure Relief Valve	27	9700-09	Exhaust Filter Assembly (w/Filter)	9700-50		Service Kit Includes; Vanes (set of 4), Filters, and Flushing Liquid
10	9000-26	Brass Tee	28	9700-05	Carry Handle	9700-51S		Vanes (set of 4)
11	9700-10	Exhaust Filter Ass. (w/Filter)	29	9700-15	Exhaust Filter Canister			
12	9000-27	Reducer (Optional)	30		Coupler (See Page 46)			
13	9700-03	Pressure Relief Valve	31	9800-62	Flat Washer			
14	9512-02	Cord w/Switch	Universal Inlet Hose Kit					
15	9800-68	Machine Screw	32	9700-60B	Reducer Nipple			

ALLEGRO FULL MASK SUPPLIED AIR RESPIRATORS

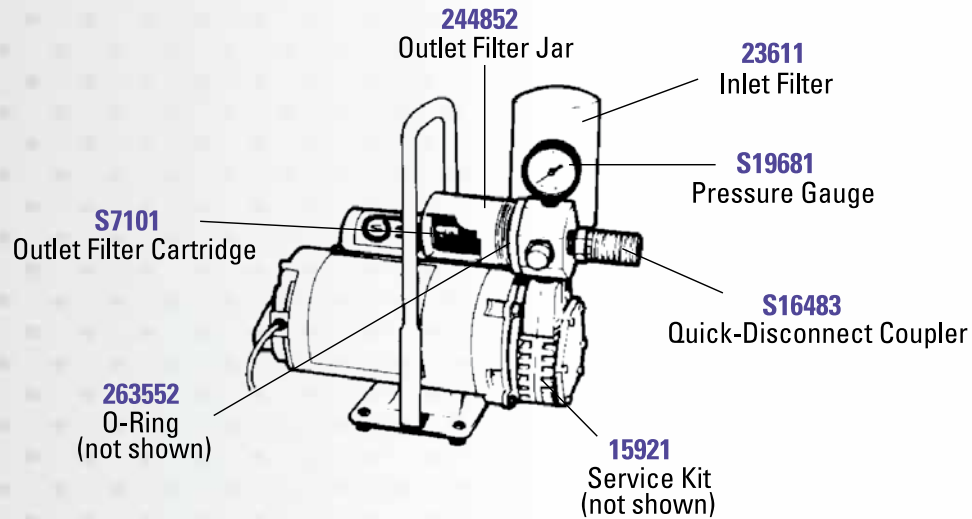
(9901 LP) (9902 HP) Full Mask SAR (9901 LP) (9902 HP)



Key	Part #	Description	Key	Part #	Description	Key	Part #	Description
	9901	Full Mask SAR (LP)	12	9901-03A	Elbow Adapter Retainer	25	9901-06B	Support Bands
	9902	Full Mask SAR (HP)	13	9901-11A	Bayonet Connector	26	9901-06	Spectacle Kit
1	9900-09	Alligator Clip Assembly	14	9901-11B	Bayonet Connector Gasket	27	9920-01A	Breathing Tube Assembly (LP)
2	9900-15	Key Ring & Metal Tab Assembly	15	9901-11C	Bayonet Connector Cover	28	9900-02	Waist belt w/Clip
3	9700-73B	Plug (OBAC) (LP)	16	9901-08	Exhalation Valve Cover	29	9901-10	Full Face Mask Skirt Assembly
4	RP164	5 Point Head Band Suspension	17	9901-07	Exhalation Valve	30	9902-01	Breathing Tube Assy. (HP)
5	9901-02	Hairnet	18	9901-07A	Exhalation Valve Gasket		9901-20	Fit Test Kit - QLFT (Not Shown)
6	9901-13	Full Face Mask Skirt	19	9901-07B	Exhalation Valve Housing		9901-21	Fit Test Kit - QNFT (Not Shown)
7	9901-12	Head Band Suspension Pin	20	9901-04	Full Face Elbow Adaptor		9920-01	Breathing Tube Assy. w/ Waist Belt (Includes #27 and #28 LP Only)
8	9901-09R	Lens Retainer (Screw & Nut Inc.)	21	9900-01N	Plastic Tie Wrap			
9	9901-09L	Replacement Lens	22	9900-73B	Breathing Tube			
10	9901-25	Lens Peel-Offs (25 pkg.)	23	9901-05	Elbow Adapter Gasket			
11	9901-03B	Inhalation Valve	24	9901-14	Suspension Buckle			

BULLARD | ADP20 & EDP10 ELECTRIC MOTOR

BULLARD EDP10 – ELECTRIC MOTOR SPECIFICATIONS

**Part #**
15921**Description:**

Service Kit For EDP10:
 (4) Carbon Vanes
 (1) 23611 Inlet Filter
 (1) S17101 Outlet Filter Cartridge

VANEEDP10

Vane Replacement Kit For EDP10
 (Set Of 4 Vanes)

S19683

Pressure Gauge, 0-30 psi

EDP10PRV

Pressure relief valve

S16483

Quick-Disconnect Coupler:
 1/2" Industrial Interchange,
 flow-through X 3/4" NPT pipe thread
 Inlet Filter: Change every 500 hours
 or as required

23611**23612**

Inlet Filter For EDP2A retrofit kit

23613

Inlet Filter For EDP1A retrofit kit

Hexadaptor

Bushing for EDP10 inlet filter

244852

Outlet Filter Jar

INLINE10

Inline Filter Assembly for
 remote re-locating of outlet

263552

Outlet Filter Assembly O-Ring

S17101

Outlet Filter: Carbofine (change
 every 200 hours or as required)

222752

Carrying Handle

S17931

Cleaning Solvent, 14 oz. Aerosol Can

S17931

Cleaning Solvent, 14 oz. Aerosol Can

V22

Quick-Disconnect Coupler Adapter:
 Converts pump's quick-disconnect
 coupler to double 3/8" female NPT
 Quick-Disconnect Adapter:
 Converts pump's quick-disconnect

V23

coupler to single 3/8" female NPT

Enclosure:

Open, Drip-proof
 Meets UL Requirements,
 CSA Approved

Class:

Natl. Elec. Code:
 Class B
 Design N
 Code K

H.P.

3/4

Phase:

Single

Cycles:

60 Hz

Volts:

115

Amps:

10.2 @ 115V

Service Factor:

1.25

Protector:

Internal Thermal Overload

Part #
V24**Description:**

Quick-Disconnect Coupler Splitter/
 Adapter: Converts pump's quick-
 disconnect coupler to double 1/2"
 Industrial Interchange female couplers
 (one flow-through, one shut-off)

V50IN

Remote Inlet Air Hose Kit: 50-ft. length,
 Connects to pump for remote location
 of inlet filter, Maximum one per pump,
 1 1/2" ID

V50EX

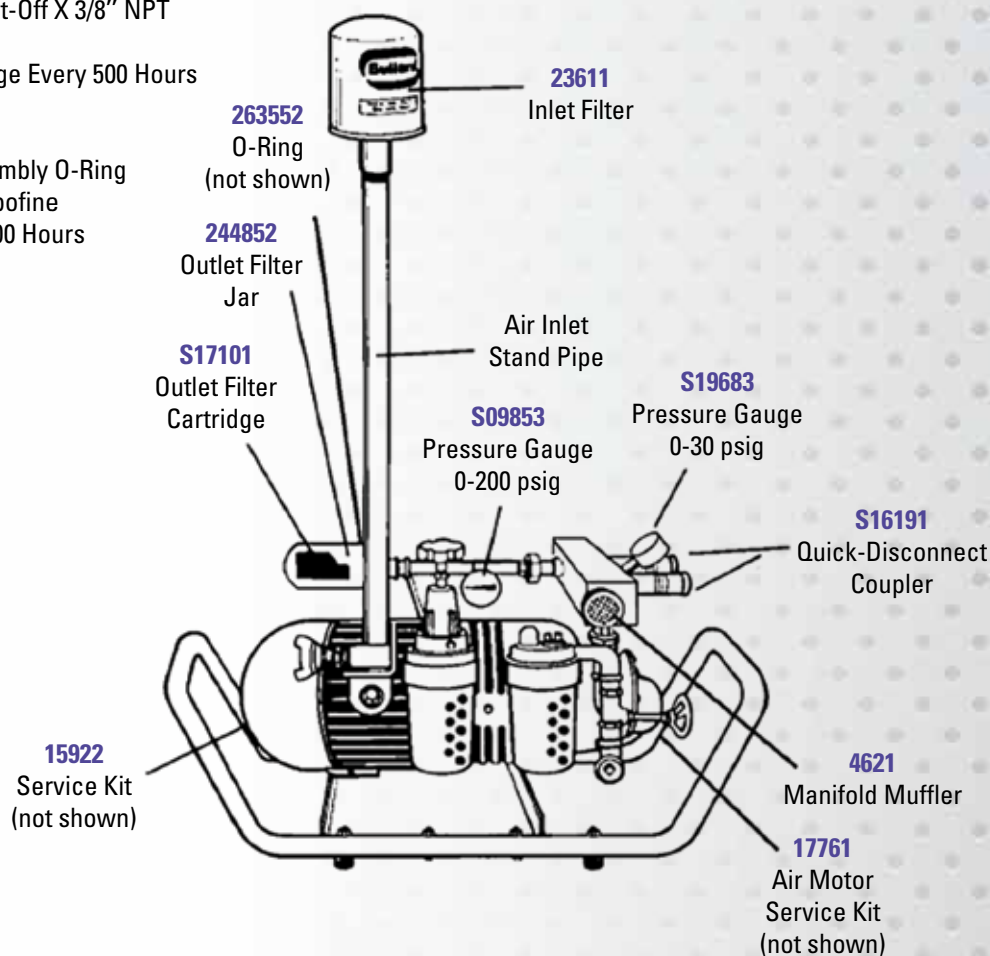
Remote Extension Hose Kit: 50-ft. length,
 Connects to V50IN to extend length,
 Maximum five per pump, 1 1/2" ID

V50INF
HM

Remote Inlet Air Hose Fittings Kit
 Run Hour Meter-Field Conversion Kit

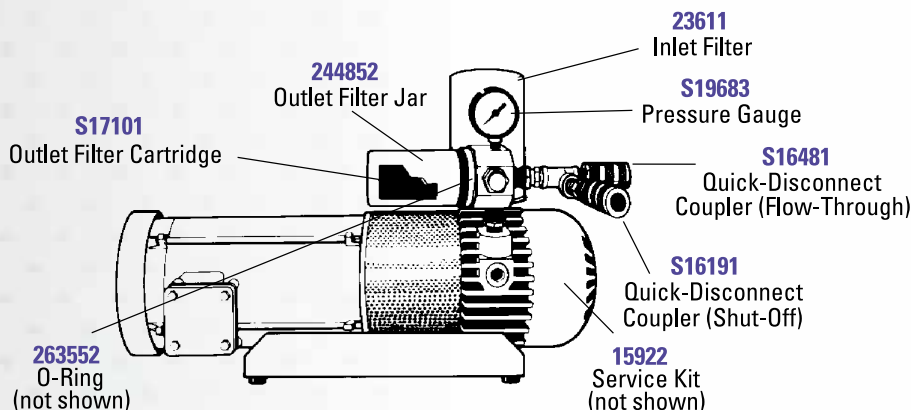
BULLARD ADP20 – ELECTRIC MOTOR SPECIFICATIONS

Part #	Description:	Part #	Description:
17761	Service Kit for Air Motor: (4) Carbon Vanes (2) Body Gaskets (1) O-Ring (2) Motor Bearings (2) Push Pins (1) Seal (4) Vane Springs (1) End Cap Gasket	S17931 V22	Cleaning Solvent, 14 oz. Aerosol Can Quick Disconnect Coupler Adapter: Converts Pump's Quick-Disconnect Coupler To Double 3/8" Female NPT
LUBREG	Lubricator Regulator	V23	Quick Disconnect Adapter: Converts Pump's Quick Disconnect Coupler To Single 3/8" female NPT
S09853	Incoming Pressure Gauge, 0-200 PSI	V24	Quick Disconnect coupler Splitter/Adapter: Converts Pump's Quick-Disconnect Coupler to Double 1/2" Industrial Interchange Female Couplers (One Flow Through, One Shut-Off)
15922	Service Kit for Pump ADP20 and EDP16TE (4) Carbon Vanes (1) 23611 Inlet Filter (1) S17101 Outlet Filter Cartridge	V50IN	Remote Inlet Air Hose Kit: 50' Length, Connects To Pump For Remote Location Of Inlet Filter, Maximum One Per Pump, 1 1/2" ID
4621	ADP20 Manifold Muffler	V50EX	Remote Extension Hose Kit: 50' Length, Connects To V50IN To Extend Length, Maximum Five Per Pump, 1 1/2" ID
21052	Conversion Kit: Components –SDP16 or ADP#CA to ADP20		
S19683	Outlet Pressure Gauge, 0-30 PSI		
S16191	Quick-Disconnect Coupler: 1/2" Industrial Interchange (Hansen Compatible), Shut-Off X 3/8" NPT Pipe Thread		
23611	Inlet Filter (Change Every 500 Hours Or As Required)		
244852	Outlet Filter Jar		
263552	Outlet filter Assembly O-Ring		
S17101	Outlet Filter: Carbofine (Change Every 200 Hours Or As Required)		



BULLARD | EDPIGHAZ ELECTRIC MOTOR

BULLARD EDP16HAZ – ELECTRIC MOTOR SPECIFICATIONS



Part #	Description:
15922	Service Kit for pumps ADP20 and EDP16TE (4) Four carbon vanes (1) 23611 inlet filter (1) S17101 outlet filter cartridge
S19683 INLINE16	Pressure Gauge, 0-30 psi Inline Filter Assembly for remote re-locating of outlet
S16191	Quick-Disconnect Coupler: 1/2" Industrial Interchange (Hansen compatible), shut-off X 3/8" NPT Pipe Thread Red Band
S16481	Quick-Disconnect Coupler: 1/2" Industrial Interchange (Hansen compatible), flow-through X 3/8" NPT Pipe Thread, Green Band
23611	Inlet Filter: Change every 500 hours or as required
244852	Outlet Filter Jar
263552	Outlet Filter Assembly O-Ring
S17101	Outlet Filter: Carbofine (change every 200 hours or as required)
S17931 V22	Cleaning Solvent, 14 oz. Aerosol Can Quick-Disconnect Coupler Adapter: Converts pump's quick-disconnect coupler to double 3/8" Female NPT
V23	Quick-Disconnect Adapter: Converts pump's quick-disconnect coupler to single 3/8" Female NPT
V24	Quick-Disconnect Coupler Splitter/Adapter: Converts pump's quick-disconnect coupler to double 1/2" Industrial Interchange female couplers (one flow through, one shut-off)
V50IN	Remote Inlet Air Hose Kit: 50-ft. length, Connects to pump for remote location of inlet filter, Maximum one per pump, 1 1/2" ID
V50EX	Remote Extension Hose Kit: 50-ft. length, Connects to V50IN to extend length, Maximum five per pump, 1 1/2" ID

Enclosure: Hazardous Duty
Meets UL Requirements,
CSA Approved

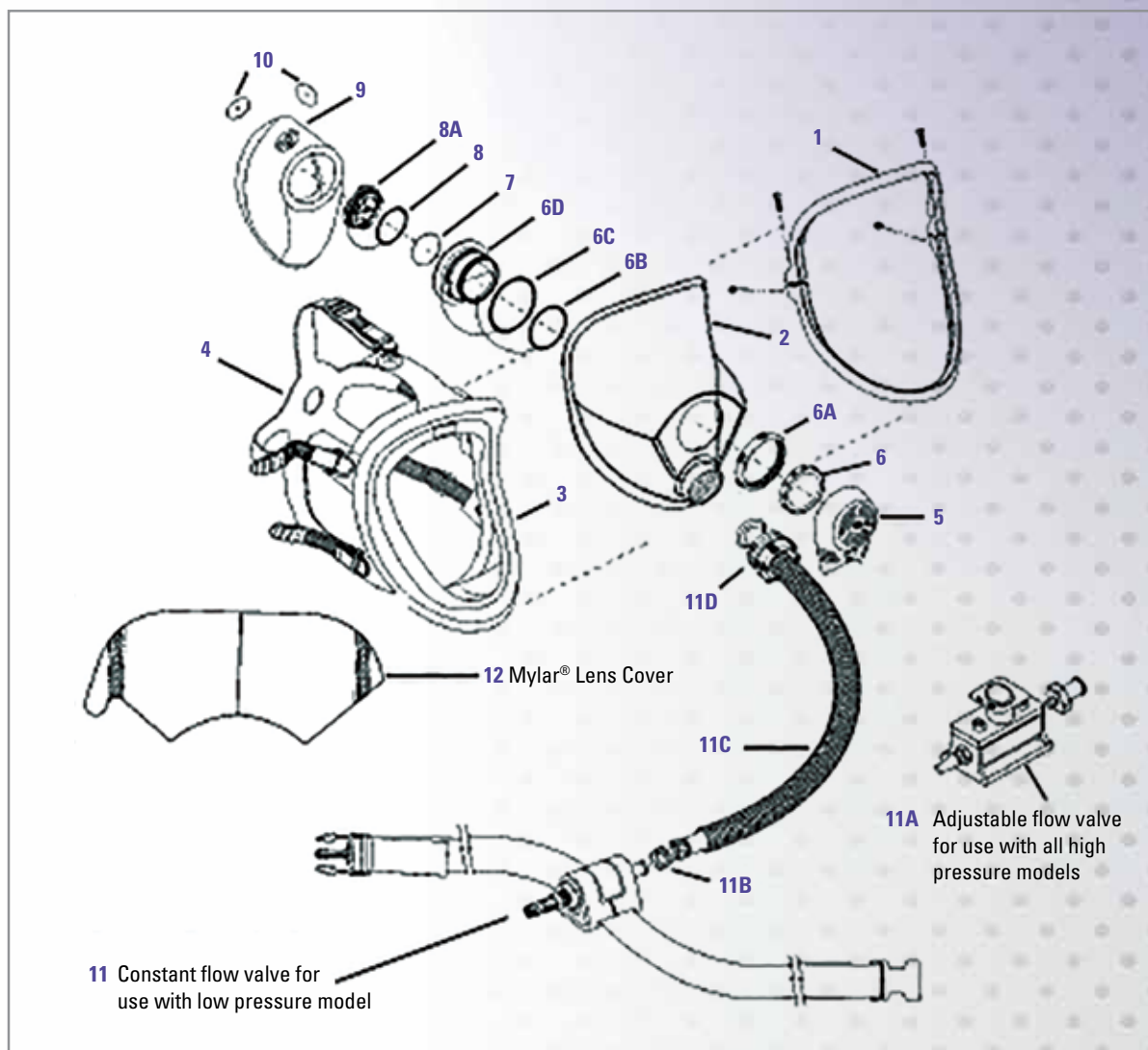
Class: National Electriccode:
Class I, Group D, Div. 1 & 2
Class II, Group F, Div. 1 & 2
Class II, Group G, Div. 1 & 2
Class III, Div. 1 & 2<

H.P. 1.5
Phase: Three
Cycles: 60Hz
Volts: 230-460
Amps: 5.0 @ 230 V
2.5 @ 460 V

Service Factor: 1.0

Protector: Thermal Overload and
Starter/Contactor
to be provided by the user.

SPECTRUM® SERIES – CONTINUOUS FLOW FACE MASK BREAKDOWN



Cat. No.	Description	Cat. No.	Description
1. LCK	Lens Clamp Replacement	8. EVO	O-Ring for Exhalation Valve Seat (Includes parts listed)
2. RLS	Replacement Lens	8A	Exhalation Valve Seat
3. FKML & FKS	Facepiece Flange	9. LNK	Nose Cup
4. HSK	Headstrap with Buckles and Slides	10. SPECIVK	Inhalation Valve Flaps
5. MCK	Mask Cover	11. BTXXX	Breathing Tube Assembly (Includes parts listed)
6. SEK	Speaker Diaphragm (Includes parts listed)	11A	Flow Control Valve
6A	Outer Locking Ring	11B	Hose Clamp
6B	O-Ring Speaker Diaphragm	11C	Breathing Tube
6C	O-Ring Speaker/Exhalation	11D	Breathing Tube Adapter
6D	Speaker/Exhalation Body	12. LC	Mylar® Lens Covers
7. 6059	Exhalation Valve		



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