



Reactor[®] Hoses, Guns and Accessories

For Spray Foam and Coatings Equipment

PROVEN QUALITY. LEADING TECHNOLOGY.

▶ Even a Small Part Can Make a Critical Difference

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.

Designed, tested and built for reliability

Great design is in the details. At Graco, our engineering team designs and specifies every part that's built into our machines, even down to the O-rings. We test and re-test our parts to make sure they provide you with outstanding performance, long life and durability. For example, our new Reactor 2 design went through more than 150 quality tests in our laboratory and sprayed upwards of 30,000 gallons of material before it was approved for production.

Each quality part is dependent on another

Graco equipment is designed as a unified system, not as a collection of stand-alone parts. Every part is designed with a careful eye toward the parts it will interact with, and adjusted accordingly. We may machine a fastener in such a way that increases torque and causes it to clamp harder on its mating parts. We may select a specific compound for manufacturing O-rings because it provides better chemical resistance. When any of a system's parts is replaced with a lower quality, non-Graco part, the result may be a ripple effect that degrades not only its own functionality, but that of other parts throughout the system.

Protect your business with genuine Graco parts

When you need replacement parts, you could purchase cheaper alternatives. But why risk it? Off-the-shelf parts may hinder performance and possibly even damage your Graco equipment. You invest in Graco equipment because it is superior quality. It's what your business depends on. So protect your investment and your future. Trust only genuine Graco parts.



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



Graco Part



Non-Graco Part

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.

Learn more at graco.com/parts.

► Build Your Ideal Reactor System

Graco parts are engineered for performance

Once you have determined whether to go with an air-driven, electric or hydraulic Graco Reactor, it is equally important to choose components that will create the most effective system for your needs. This brochure contains the information you need to make those choices.

1 SELECT A SYSTEM

Choose an air, electric or hydraulic model.

KEY FEATURES:

- Optional data reporting capabilities
- Foam models rated at 2000 psi (138 bar, 13.8 MPa)
- Coatings models rated up to 3500 psi (240 bar, 24.0 MPa)

2 SELECT HEATED HOSES

Choose from pressure ratings of 2000 psi or 3500 psi (138 to 240 bar, 13.8 to 24.0 MPa).
Choose 3/8 in or 1/2 in ID.

3 SELECT HEATED WHIP HOSE

Choose from pressure ratings of 2000 psi or 3500 psi (138 to 240 bar, 13.8 to 24.0 MPa).
Choose 1/4 in or 3/8 in ID.

4 SELECT A GUN

Choose an air-purge, mechanical-purge or liquid-purge gun with a round or flat pattern.

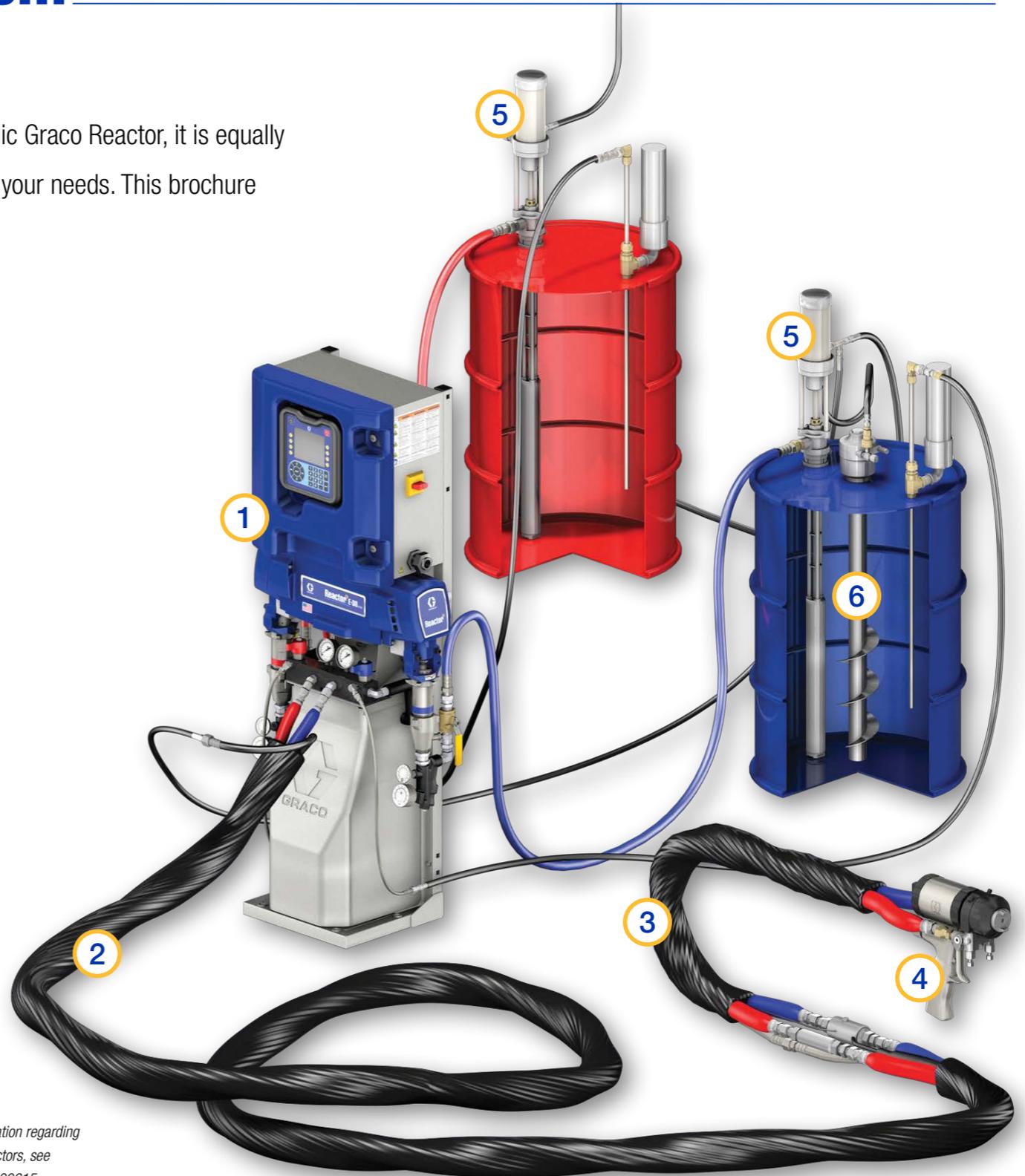
5 SELECT SUPPLY PROCESSING EQUIPMENT

5 SUPPLY PUMP

Choose from diaphragm or piston pumps for standard materials in drum-mount or wall-mount. Select a 2:1 piston pump for materials with higher viscosities.

6 AGITATOR KITS

Choose a kit to agitate your resin for a consistent coating. Available choices include expandable blade and Twistork.



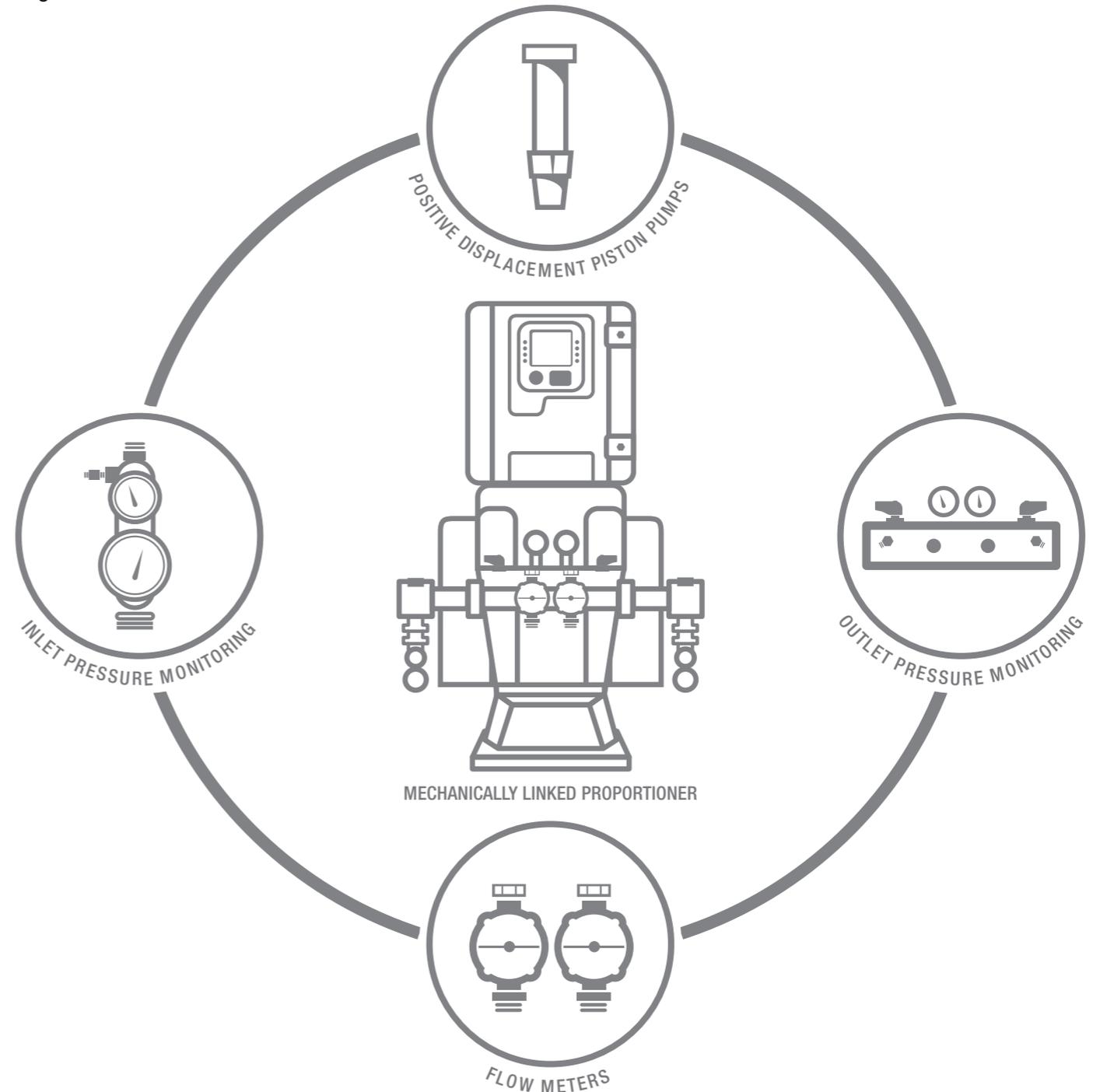
For information regarding
Graco Reactors, see
brochure 300615.

► Reactor Ratio Assurance System

Graco has engineered a multi-tiered system for ratio prevention and detection. The Reactor 2 Ratio Assurance System is designed to provide ratio detection so your job is being applied on-ratio and within tolerance. Since no single detection method is best to detect all possible issues it is important to have a robust multi-tiered detection system. The Graco system uses a combination of mechanically linked positive displacement piston pumps, pressure monitoring and flow meters to create a robust system that will provide unsurpassed results in maintaining on-ratio spraying.

Graco's Ratio Assurance System provides industry leading solutions

- Assurance that material was sprayed correctly
- Peace of mind to homeowners and builders
- Eliminate costly repairs and call-backs
- Quick detection of equipment issues and off-ratio material being sprayed
- Confidence for sprayers new to the industry
- Risk mitigation of missapplied material caused by off-ratio spraying

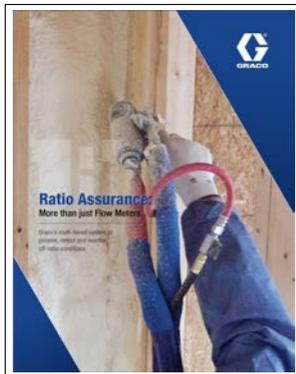


► Reactor Ratio Assurance System - continued

Graco has identified the best method of detection for issues that may cause off-ratio foam to be sprayed. These issues are called single-point variables.

Utilizing inlet and outlet pressure monitoring and flow meters, the Reactor 2 can monitor for these issues and shut the proportioner down if required. The operator can then make the necessary updates in order to eliminate the off-ratio condition.

Reactor 2 elite models E-30, H-30, H-40, H-50, E-XP2, H-XP2 and H-XP3 now include factory installed flow meters.



View the complete White Paper at www.graco.com/RAWP

■ BEST ■ BETTER ■ GOOD

Category Type	Single-Point Variables	Reactor Detection Method		
		Inlet Pressure Sensor *	Outlet Pressure Sensor	Flow Meters
 Air in fluid stream	Run away feed pump/ Running out of chemical	NA	Better	Better
	Trapped air in the feed line and/or proportioner	NA	Good	Best
 Undersized feed pump	Too large of a mix chamber being used	Best	Good	Better
	Too high of proportioner pressure setting	Best	Good	Better
	Too long of a trigger pull	Best	Good	Better
 Poor material feed to proportioner	Cold material(s)	Best	Better	Good
	Feed pump pressure set too low	Best	Good	Better
	Damaged feed pump (seals, check ball, air motor)	Best	Good	Better
	No feed pump pressure	Best	Good	Better
	Plugging inlet filter	Best	Good	Better
 Proportioner pump issue	Damaged proportioner pump foot valve ball/seat	Best	Good	Better
	Damaged proportioner pump piston ball/seat	NA	Better	Best
	Damaged proportioner pump seal	NA	Better	Best
 Fluid leaks	Leak between proportioner pump and flow meter	NA	Better	Best
	Leak in heated hose	NA	Best	NA
 Restriction after flow meter	Blockage in heated hose, build-up on ID of hose(s) **	NA	Best	NA
	Plugged gun filter **	NA	Best	NA
	Gun impingement port plugging **	NA	Best	NA

► Ratio Assurance Ordering Information



Reactor 2 Low-Pressure Flow Meter Hardware Kits

For Reactor E-30 non-elite models (2018 and older)

25N749 Flow Meter kit – includes flow meters, Y-strainers with inlet sensors, Motor Control Module (MCM), all cables and mounting hardware

For Reactor E-30 non-elite models (2019 and newer)

25N786 Flow Meter kit – includes flow meters, inlet sensors, all cables and mounting hardware

For Reactor E-30 elite models

25N913 Flow Meter kit – includes flow meters, Y-strainers with inlet sensors, all cables and mounting hardware

For Reactor E-30i (generation 2)

25N926 Flow Meter kit – includes flow meters, Y-strainers with inlet sensors, all cables and mounting hardware

For Reactor H-30, H-40 and H-50 non-elite models

25N786 Flow Meter kit – includes flow meters, inlet sensors, all cables and mounting hardware

For Reactor H-30, H-40 and H-50 elite models

25N748 Flow Meter kit – includes flow meters, all cables and mounting hardware



Reactor 2 High-Pressure Flow Meter Hardware Kits

For Reactor E-XP2 non-elite models (2018 and older)

25P384 Flow Meter kit – includes flow meters, Y-strainers with inlet sensors, Motor Control Module (MCM), all cables and mounting hardware

For Reactor E-XP2 non-elite models (2019 and newer)

25P385 Flow Meter kit – includes flow meters, inlet sensors, all cables and mounting hardware

For Reactor E-XP2 elite models (2018 and older)

25P386 Flow Meter kit – includes flow meters, Y-strainers with inlet sensors, all cables and mounting hardware

For Reactor E-XP2 elite models (2019 and newer)

25P383 Flow Meter kit – includes flow meters, all cables and mounting hardware

For Reactor E-XP2i (generation 2)

25P387 Flow Meter kit – includes flow meters, Y-strainers with inlet sensors, all cables and mounting hardware

For Reactor H-XP2 and H-XP3 non-elite models

25P385 Flow Meter kit – includes flow meters, inlet sensors, all cables and mounting hardware

For Reactor H-XP2 and H-XP3 elite models

25P383 Flow Meter kit – includes flow meters, all cables and mounting hardware

► Reactor Connect Technology

The latest Reactor 2 models come with the Reactor Connect hardware included. If your Reactor 2 model did not come with the Reactor Connect hardware, consider adding an app kit to improve your productivity and revenue for your business.



▶ Reactor Connect

Take control of your business

Reactor Connect features are designed for both Sprayers and Owner/Managers alike. For sprayers you can control your Reactor 2 with your phone allowing you to adjust the Reactor without having to go back to your rig. For owners/managers you can monitor your rigs and crew, troubleshoot an issue quickly, save your spray data, use reports to better understand your business and provide documentation to your customers that their job was done to manufacturers specs.

Menu Access Displays

- Dashboard
- Reports
- Settings
- Company Account Info

Daily Power On Time

Reactor Status Lights

Individual Reactor Screen



Multi-System Dashboard Screen

Actual Spray Time

Daily Material Usage

Menu Access Displays

- Yield
- Events
- Reports
- Info
- Contact Graco

Reactor Name

Company Name

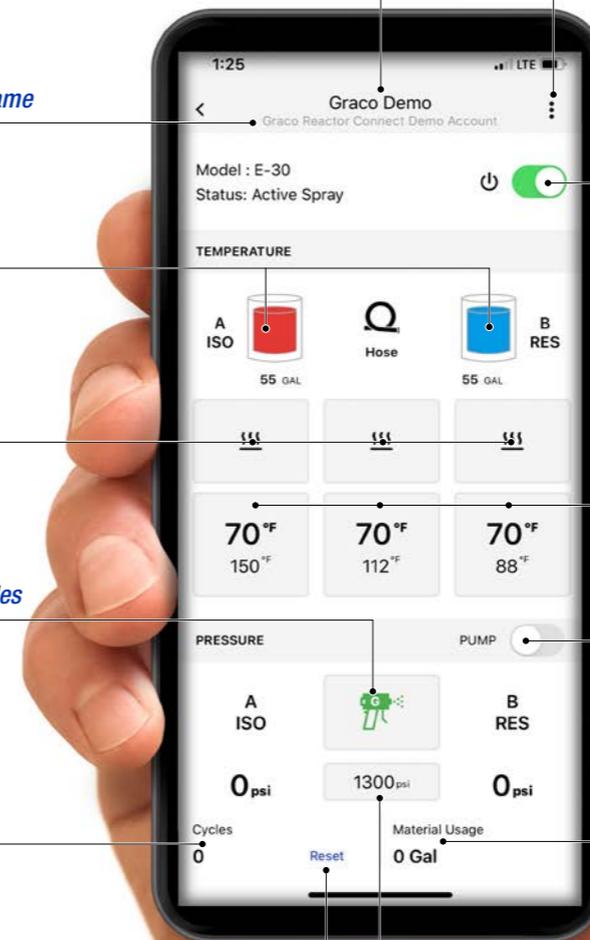
View Drum Levels

Turn Heat Zones On/Off

Select between Spray/Park/Jog modes

View Cycle Count

Cycle Reset



Turn System On/Off

Adjust Temperatures

Turn Pump On/Off

View Material Usage

Adjust Pressure

(Electric systems only)

▶ Reactor Connect Reports

Generate custom reports by type, date range and Reactors. Reports can be viewed, saved and forwarded from your phone.

Reports Available:

- Ratio Summary Report
- Ratio Detail Report
- Ratio Graph

Job, Material Usage, Productivity and Machine Utilization Reports:

- Reactor Daily Report
- Reactor Summary Report
- Ratio Graph

Reactor Reports:

- Reactor Status Report
- Reactor Alarms Report
- Temperature and Pressure Graphs
- Reactor Data Report
(Complete data download by the minute)

Report Examples

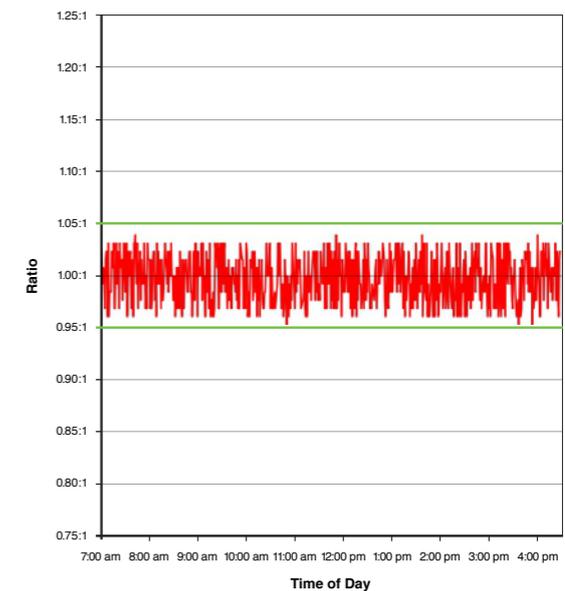
EX 1: Reactor Summary Report Sample

IMEI	Reactor Name	Cycle Count	Material Usage (gallons)	Power On Time (hours)	Actual Spray Time (hours)	Productivity (gallons/hour)	Machine Utilization	Days of Use
1111111111111111	Graco #1	3206	203.3	29.0	10.5	7.0	36%	5
2222222222222222	Graco #2	3664	100.1	11.6	4.6	8.6	40%	3
3333333333333333	Graco #3	2252	142.8	23.1	8.6	6.2	37%	4
4444444444444444	Graco #4	2395	177.2	31.7	7.8	5.6	25%	5
5555555555555555	Graco #5	1248	92.3	5.7	2.8	16.2	49%	2
Total	---	12765	715.6	101.1	34.3	7.1	34%	19

EX 2: Ratio Detail Report Sample

IMEI	Reactor Name	Start Date	End Date	Material Usage A+B (gallons)	Avg Ratio	Ratio Range	Ratio Alarm Count	Temp A Setpoint (°F)	Avg Temp A (°F)	Temp B Setpoint (°F)	Avg Temp B (°F)	Temp Hose Setpoint (°F)	Avg Temp Hose (°F)	Pressure Setpoint (psi)	Avg Pressure A and B (psi)
357520072734862	Graco app simulator	1/28/19	1/28/19	116	1.01:1	0.99 - 1.02:1	---	74 - 75	75	74 - 75	74	84 - 85	84	1,280 - 1,280	1,282
357520076059928	SPFA #1	1/28/19	1/28/19	74	1.00:1	0.95 - 1.04:1	---	130	130	130	130	130	130	1,200	1,199
357520076060785	SPFA #2	1/28/19	1/28/19	142	0.99:1	0.96 - 1.06:1	1	125 - 125	125	120 - 125	124	125 - 125	124	1,150	1,149

EX 3: Ratio Graph Report Sample



▶ Reactor Connect Ordering Information

North America Kits (4G cell module)

- 25E656 Reactor 2 Retrofit Kit – Electric/Hydraulic Systems
- 25E657 Reactor 2 Retrofit Kit – Integrated Systems (E-30i, E-XP2i)

Worldwide Kits (3G cell module)

- 25D612 Reactor 2 Retrofit Kit – Electric/Hydraulic Systems
- 25D614 Reactor 2 Retrofit Kit – Integrated Systems (E-30i, E-XP2i)
- 25D878 External Use Antenna

▶ Graco Heated Hoses

Why Graco heated hoses

Graco hoses are wrapped with a copper heating element at a precise pitch to achieve accurate, uniform heating. Because knock-off hoses may not heat in the same way, you risk over- or under-heating your hoses. Mixing and matching both Graco and knock-off hoses may be even more serious, you may have a very large difference in temperature between hoses – potentially putting your equipment at risk for damage and creating a possible safety issue for your workers.

Resistance Control Mode – The latest hose control technology



Reactor 2 machines can now control hose temperature using resistance control mode. Resistance Control Mode (RCM) is a selection in the controls that allows the hoses to heat and control hose temperature without RTD cables and without a Fluid Temperature Sensor (FTS). RCM is new software that uses the electrical resistance of the hose's heating element to monitor and control hose temperature. The benefits of using RCM is a more consistent chemical heating without hot and cold spots due to missing hose insulation or leaving your hose coiled on the hose rack. RCM also eliminates the most common hose heat issue: overheating due to an improperly insulated FTS (missing foam hose insulation at FTS location). RCM is only designed to work with genuine Graco heated hoses. Any Reactor 2 model can utilize resistance mode by updating the Reactor 2 software. (RCM is not available on integrated Reactor models).



Fluid Temperature Sensors – An important safeguard

Before the availability of resistance mode, the traditional way of maintaining consistent chemical temperature and spraying quality foam and coatings was using a fluid temperature sensor FTS. Graco heated hoses are designed to maintain chemical temperatures during spray operations. Graco always recommends placing the FTS as close to the whip hose as possible in order to monitor the material temperature nearest the dispense point. Graco offers FTS using two technologies – resistance temperature detectors (RTD) and thermocouples.



Resistance Temperature Detector – RTD

Graco's Reactor 2 utilizes RTD technology. RTDs offer the highest accuracy and the best day-to-day repeatability of material temperatures in your hose. RTD technology allows the machine to automatically shut down if the sensor is damaged, which saves wasted time and materials.



Thermocouple – First generation technology

Graco's first generation Reactor models and Gusmer models utilize thermocouple technology. Thermocouples are a very accurate and reliable way to monitor and maintain temperature. Hoses built with thermocouples are not interchangeable with hoses built with RTDs.



Scuff Guard – Protect your investment

Xtreme-Wrap™ Scuff Guard provides extra protection and prolonged life for your hose. You may choose a hose that comes with Xtreme-Wrap or purchase the kit to retrofit any existing Graco hose.

► Graco Heated Whip Hoses

Why Graco heated whip hoses

Graco whip hoses are wrapped with a copper heating element at a precise pitch to achieve accurate, uniform heating. Because knock-off hoses may not heat in the same way, you risk over- or under-heating your hoses. Mixing and matching both Graco and knock-off hoses may be even more serious, you may have a very large difference in temperature between hoses – potentially putting your equipment at risk for damage and creating a possible safety issue for your workers.



Fluid Temperature Sensors – An important safeguard

Before the availability of resistance mode, the traditional way of maintaining consistent chemical temperature and spraying quality foam and coatings was using a fluid temperature sensor FTS. Graco heated hoses are designed to maintain chemical temperatures during spray operations. Graco always recommends placing the FTS as close to the whip hose as possible in order to monitor the material temperature nearest the dispense point. Graco offers FTS using two technologies – resistance temperature detectors (RTD) and thermocouples.

Resistance Temperature Detector – RTD

Graco's Reactor 2 utilizes RTD technology. RTDs offer the highest accuracy and the best day-to-day repeatability of material temperatures in your hose. RTD technology allows the machine to automatically shut down if the sensor is damaged, which saves wasted time and materials.

Thermocouple – First generation technology

Graco's first generation Reactor models and Gusmer models utilize thermocouple technology. Thermocouples are a very accurate and reliable way to monitor and maintain temperature. Hoses built with thermocouples are not interchangeable with hoses built with RTDs.

Scuff Guard – Protect your investment

Xtreme-Wrap™ Scuff Guard provides extra protection and prolonged life for your hose. You may choose a hose that comes with Xtreme-Wrap or purchase the kit to retrofit any existing Graco hose.

► Heated Hose Ordering Information

Hose Scuff Guard Kits

- 25M493 Xtreme-Wrap for 50 ft hose section
- 25M494 Xtreme-Wrap for 10 ft hose section
- 25M495 Joint Protector
- 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

- 25P770 LP 1/4 in x 10 ft (6.3 mm x 3 m), Improved Flex with Xtreme-Wrap Scuff Guard
- 25P771 LP 1/4 in x 20 ft (6.3 mm x 6 m), Improved Flex with Xtreme-Wrap Scuff Guard
- 25P772 HP 1/4 in x 10 ft (6.3 mm x 3 m), Improved Flex with Xtreme-Wrap Scuff Guard
- 25P773 HP 1/4 in x 20 ft (6.3 mm x 6 m), Improved Flex with Xtreme-Wrap Scuff Guard
- 246050 LP 1/4 in x 10 ft (6.3 mm x 3 m), Xtreme-Wrap Scuff Guard
- 26C042 LP 1/4 in x 20 ft (6.3 mm x 6 m), Xtreme-Wrap Scuff Guard
- 246055 HP 1/4 in x 10 ft (6.3 mm x 3 m), Xtreme-Wrap Scuff Guard
- 26C043 HP 1/4 in x 20 ft (6.3 mm x 6 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

- 246049 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

▶ Graco Guns - Technical Specifications



	Liquid-Purge		Air-Purge				Mechanical-Purge				
MODEL	FUSION® CS	FUSION® PC	FUSION AP	P2	GAP PRO®	FUSION® MP	GX-7®	GX-7® DI	GX-7®-400	GX-8	D-GUN®
Materials Sprayed	Foam and coatings	Foam and coatings	Foam and coatings	Foam and coatings	Foam and coatings	Foam and coatings	Foam only	Coatings only	Coatings only	Coatings only	Foam only
Max Output	25 lb/min (11.3 kg/min)	40 lb/min (18 kg/min)	50 lb/min (22.7 kg/min)	40 lb/min (18 kg/min)	40 lb/min (18 kg/min)	50 lb/min (22.7 kg/min)	40 lb/min (18 kg/min)	22 lb/min (10.0 kg/min)	8 lb/min (3.6 kg/min)	1.5 lb/min (0.7 kg/min)	16 lb/min (7.2 kg/min)
Min 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)	3 lb/min (1.4 kg/min)	2 lb/min (0.9 kg/min)	3.5 lb/min (1.6 kg/min)	4 lb/min (1.8 kg/min)	3.5 lb/min (1.6 kg/min)	< 1 lb/min (0.45 kg/min)	2 lb/min (1 kg/min)
Max Working Fluid Pressure	3500 psi (240 bar, 24.0 MPa)	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)	3500 psi (240 bar, 24.0 MPa)	3500 psi (240 bar, 24.0 MPa)	3500 psi (240 bar, 24.0 MPa)	3500 psi (240 bar, 24.0 MPa)	3500 psi (240 bar, 24.0 MPa)	1000 psi (69 bar, 6.9 MPa)
Max Working Air Inlet Pressure	130 psi (9 bar, 0.9 MPa)	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)	130 psi (9 bar, 0.9 MPa)	125 psi (8.6 bar, 0.86 MPa)	125 psi (8.6 bar, 0.86 MPa)	125 psi (8.6 bar, 0.86 MPa)	125 psi (8.6 bar, 0.86 MPa)	110 psi (7.6 bar, 0.76 MPa)
Max Fluid Temperature	200°F (93°C)	200°F (93°C)	200°F (93°C)	200°F (93°C)	200°F (93°C)	200°F (93°C)	200°F (93°C)	200°F (93°C)	200°F (93°C)	200°F (93°C)	150°F (65°C)
Weight (with manifold)	2.75 lb (1.25 kg)	3.56 lb (1.6 kg)	3.26 lb (1.48 kg)	2.78 lb (1.265 kg)	2.7 lb (1.2 kg)	3.6 lb (1.635 kg)	4.1 lb (1.9 kg)	4.1 lb (1.9 kg)	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	1/4 npt quick disconnect nipple	1/4 npt	1/4 npt quick disconnect nipple	1/4 npt quick disconnect nipple	1/4 npt quick disconnect nipple	1/4 npt quick disconnect nipple	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	-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	-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	-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	-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, 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	Aluminum, stainless steel, plated carbon steel, brass, polycarbally, chemically resistant O-rings	Aluminum, stainless steel, brass, plated carbon steel, fluorocarbon O-rings	Aluminum, stainless steel, brass, plated carbon steel, fluorocarbon O-rings	Aluminum, stainless steel, brass, plated carbon steel, fluorocarbon O-rings	Aluminum, stainless steel, brass, plated carbon steel, fluorocarbon O-rings	Aluminum, stainless steel, brass, plated carbon steel
Gun Dimensions	6.5 x 8.1 x 3.6 in (16.5 x 20.6 x 9.1 cm)	8 x 8.1 x 3.3 in (20.3 x 20.6 x 8.4 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)	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)	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	312666	3A7314	309550	313213	311322	309856	311321	311321	311321	311338	311320
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	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 and other polyurethane foams	Medium output fast-set polyurea, polyurethane and hybrid coatings	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

► Liquid Purge Gun

Fusion® CS with ClearShot™ Technology

Graco's Fusion CS plural-component spray gun with ClearShot (CS) Technology delivers improved productivity and performance throughout the spray day. The secret of the revolutionary ClearShot Technology is the ClearShot Liquid, which is inserted into the gun's handle. Every time you pull the trigger, ClearShot Liquid is dispensed into the mix chamber and helps remove any built-up chemical, keeping it clean and virtually eliminating drilling of the mix chamber.

Quick-Change Front End

- Change fluid head in seconds
- Non-stick polymer cover for easy cleanup
- "Air knife" - reduces material buildup

Screw-in Place Side Seals

- Overall maintenance is quicker and simpler
- Femer O-rings ensure better crossover protection and keep appropriate mix and proportions of material for better end results

Manifold

- Easy on/off valves
- Check valves block fluid flow when manifold is disconnected
- Quick filter screen change-outs

Chromex™ Coated Side Seals and Mix Chamber

- Precision machined hardened stainless steel for longer life
- More resistant to corrosion and wear
- Save time and money in replacements over the long term

Air and Dosing Piston

- For precise ClearShot dispensing

Faster/Shorter Trigger Pull

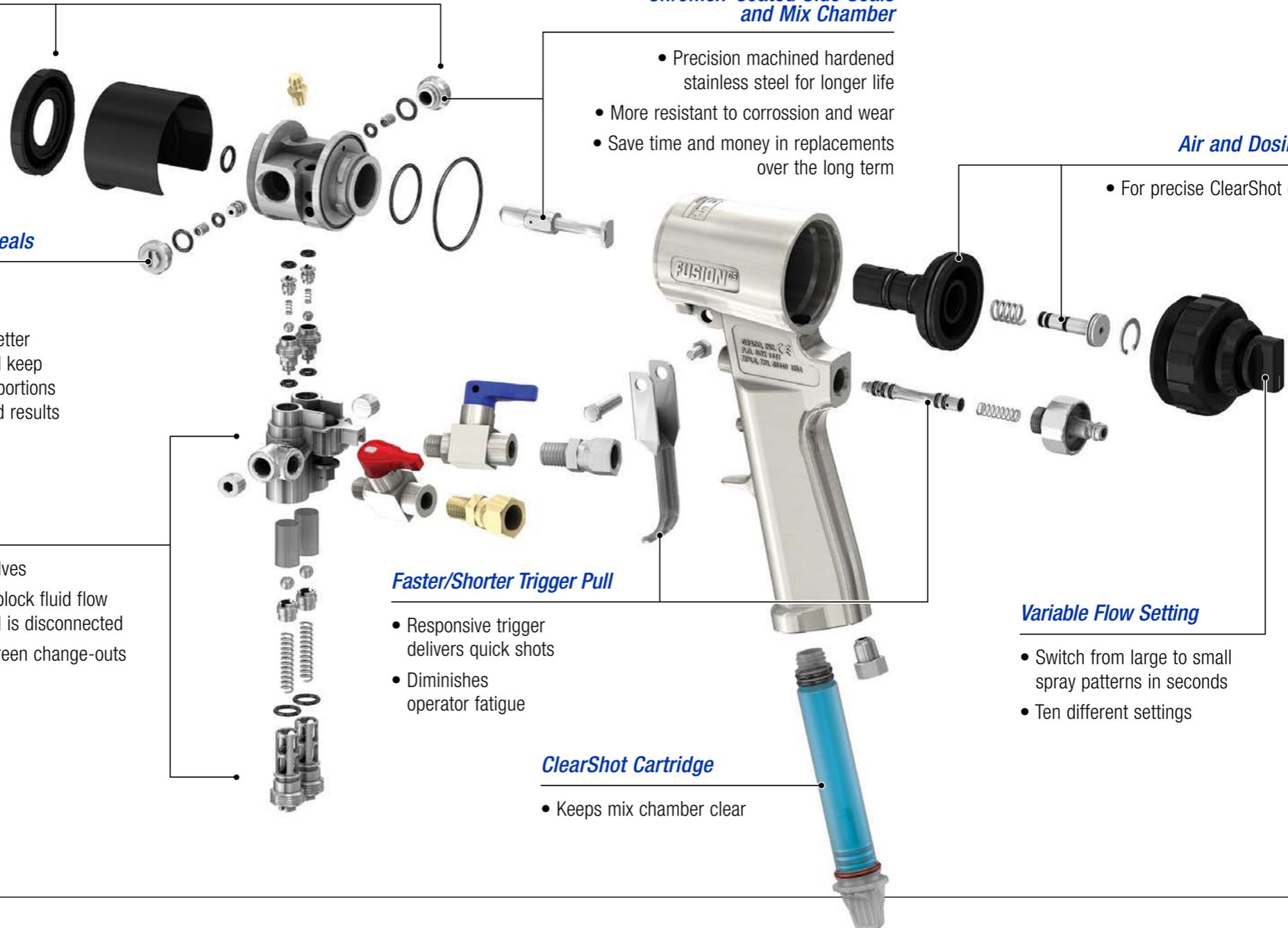
- Responsive trigger delivers quick shots
- Diminishes operator fatigue

Variable Flow Setting

- Switch from large to small spray patterns in seconds
- Ten different settings

ClearShot Cartridge

- Keeps mix chamber clear



► Fusion CS Ordering Information

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)

ClearShot Fluid

256385	ClearShot Liquid Cartridges - pack of 25
256386	ClearShot Liquid Cartridges - pack of 50
256387	ClearShot Liquid Cartridges - pack of 100
17X756	Bulk CS Fluid, pack of 4, 16 oz bottles (can fill 100 CS tubes)
17X757	Bulk CS Fluid, pack of 12, 16 oz bottles (can fill 300 CS tubes)

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

Fusion CS Parts - continued

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)

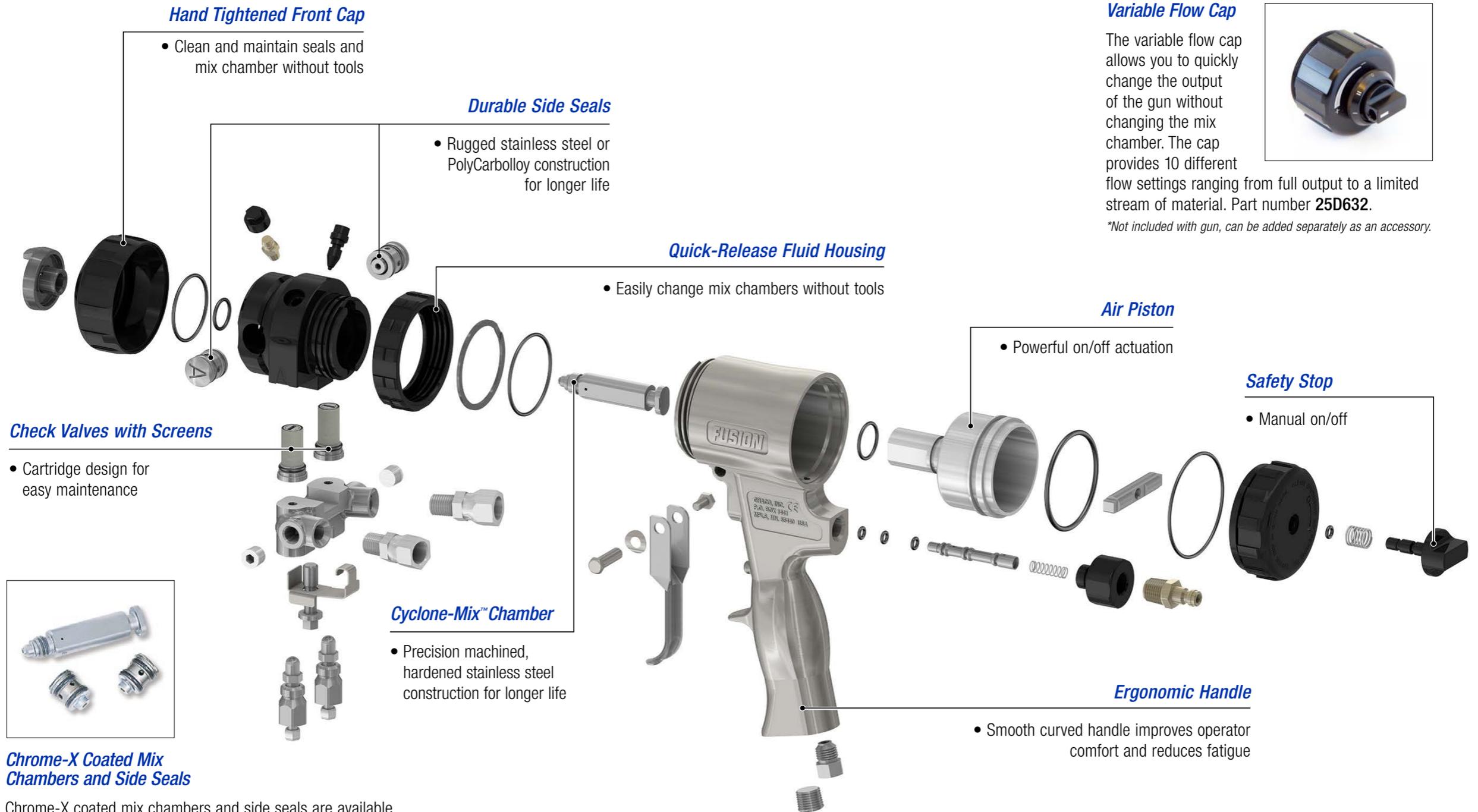
FL2020	Fusion CS 2020 flat mix chamber kit
FL0000	Fusion CS 2929 flat mix chamber kit
FL0101	Fusion CS 4242 flat mix chamber kit
FL0202	Fusion CS 5252 flat mix chamber kit
RD2020	Fusion CS 2020 round mix chamber kit
RD0000	Fusion CS 2929 round mix chamber kit
RD0101	Fusion CS 4242 round mix chamber kit
RD4747	Fusion CS 4747 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 CS Replacement Parts Kit

24X573	Fusion CS Parts Kit, complete with refillable case
---------------	--

► Air Purge Guns

Fusion® Air Purge (AP) Gun – Easy to use, easy to maintain



► Fusion Air Purge (AP) Ordering Information

Fusion AP Guns, Round

246099	AR2020 (000) mix chamber (.020 orifice size)
246100	AR2929 (00) mix chamber (.029 orifice size)
248617	AR3737 mix chamber, (.037 orifice size)
246101	AR4242 (01) mix chamber (.042 orifice size)
246102	AR5252 (02) mix chamber (.052 orifice size)
246103	AR6060 (03) mix chamber (.060 orifice size)
246104	AR7070 (04) mix chamber (.070 orifice size)
246105	AR8686 (05) mix chamber .086 orifice size)
24D581	AW2828 (00) wide round pattern
249529	AW3939 (01) wide round pattern
249530	AW4646 (02) wide round pattern
248408	Adhes/spatter gun for fleeceback roofing sys.
249525	Stud wall gun w/AF4242 and FTM979
249526	Stud wall gun w/AF5252 and FTM979

Mix Chambers, Round

Includes clean-out tools

AR2020	(000) mix chamber (.020 orifice size)
AR2929	(00) mix chamber (.029 orifice size)
AR3737	Mix chamber (.037 orifice size)
AR4242	(01) mix chamber (.042 orifice size)
AR4747	Mix chamber (.047 orifice size)
AR5252	(02) mix chamber (.052 orifice size)
AR6060	(03) mix chamber (.060 orifice size)
AR7070	(04) mix chamber (.070 orifice size)
AR8686	(05) mix chamber (.086 orifice size)

Mix Chambers, Round - Chrome-X

AR20CX	(000) mix chamber (.020 orifice size)
AR29CX	(00) mix chamber (.029 orifice size)
AR37CX	Mix chamber (.037 orifice size)
AR42CX	(01) mix chamber (.042 orifice size)
AR47CX	Mix chamber (.047 orifice size)
AR52CX	(02) mix chamber (.052 orifice size)
AR60CX	(03) mix chamber (.060 orifice size)
AR70CX	(04) mix chamber (.070 orifice size)
AR86CX	(05) mix chamber (.086 orifice size)

Side Seals

25N571	Kit, A cartridge - Chromex
25N572	Kit, B cartridge - Chromex
25N573	Kit, side seal, Qty 2 - Chromex
246348	Side seal kit, incl (2) side seals with O-rings
249990	PolyCarballoy side seals, pack of 2
277298	PolyCarballoy side seals, pack of 50
246349	A (ISO) cartridge assembly, SST, seal and O-rings
246350	B (Poly) crtrg assembly, SST, seal and O-rings

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 AP 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

Mix Chambers, Flat

Includes clean-out tool and O-ring

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

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

Tips, Flat - continued

FT0838	Medium fluid flow, 16 to 18 in pattern
FT0848	High fluid flow, 16 to 18 in pattern

Fusion AP with PolyCarballoy Options

255201	Fusion AP w/ PolyCarballoy side seal - AR4242(01) mix chamber
255202	Fusion AP w/ PolyCarballoy side seal - -AR5252(02) mix chamber

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	Auto Fusion AP, round, AR2929
248377	Auto Fusion AP, round, AR4242
248378	Auto Fusion AP, round, AR5252
248379	Auto Fusion AP, round, AR6060
248380	Auto Fusion AP, flat, AF2020, FT0424
248381	Auto Fusion AP, flat, AF2929, FT0438
248382	Auto Fusion MP, round, DI, XR2929, RTM040
248383	Auto Fusion MP, round, DI, XR3535, RTM040
248384	Auto Fusion MP, flat, DI, XF1313, FTM317
248385	Auto Fusion MP, flat, DI, XF1818, FTM424
248386	Auto Fusion MP, round, MR3535, RTM040
248387	Auto Fusion MP, round, MR5757, RTM0702
248647	Auto Fusion - Solvent-Purge

Gun Parts and Accessories

15B772	1/8 in x 18 in air hose, attaches 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
117773	Fusion grease, 3 oz crtg (248280-pkg 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

Gun Parts and Accessories - continued

246347	Side seal O-ring kit, incl (6) O-rings for both crtgs
246348	Side seal kit, incl (2) side seals with 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 kit, includes all necessary O-rings
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,
246731	Check valve assembly, A (ISO)
246944	Manifold conv kit; Fusion manifold to fit a GX-7 <i>Fusion manifold 246012 not incl.</i>
246945	Manifold conv kit; GX-7 manifold to fit a Fusion
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) for flushing gun
248229	Fusion Gun flush system - 5 gal
248279	Fusion lube for threads, O-rings, pack of 10
248280	Fusion grease, pack of 10
248414	Adhes/spatter kit, Fusion AP to adhes/spatter
248415	Tip for adhes/spatter gun
248528	Fusion Air-Purge pour adapter kit
25D632	Variable flow cap

Extension Tip Kits

248010	Ext tip kit for AR2020/AF2929 mix chamber
248011	Ext tip kit for AR2929/AF2929 mix chamber
248012	Ext tip kit for AR4242/AF4242 mix chamber
248013	Ext tip kit for AR5252/AF5252 mix chamber
248014	Ext tip kit for AR2020/AF2929 mix chamber
248015	Ext tip kit for AR2929/AF2929 mix chamber
248016	Ext tip kit for AR4242/AF4242 mix chamber
248017	Ext tip kit for AR5252/AF5252 mix chamber
248020	Ext 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

Replacement Parts Kit

24W849	Fusion AP Parts Kit, complete - refillable case
--------	---

► Air Purge Guns

Fusion® ProConnect (PC) Gun – A Perfect Rebuild in Seconds

ProConnect® Replacement Cartridge

- 13 parts including o-rings combine into one disposable cartridge

A/B Fluid Check Valves

- Crossovers remain contained in the cartridge

Chromex™ Coated Mix Chamber

- Ultra durable coating for long life
- Alignment groove ensures proper installation

Fluid Housing with ProConnect Technology

- Replace the ProConnect cartridge in seconds
- Access the mix chamber without removing

Air Piston

- Powerful on/off actuation

Safety Stop

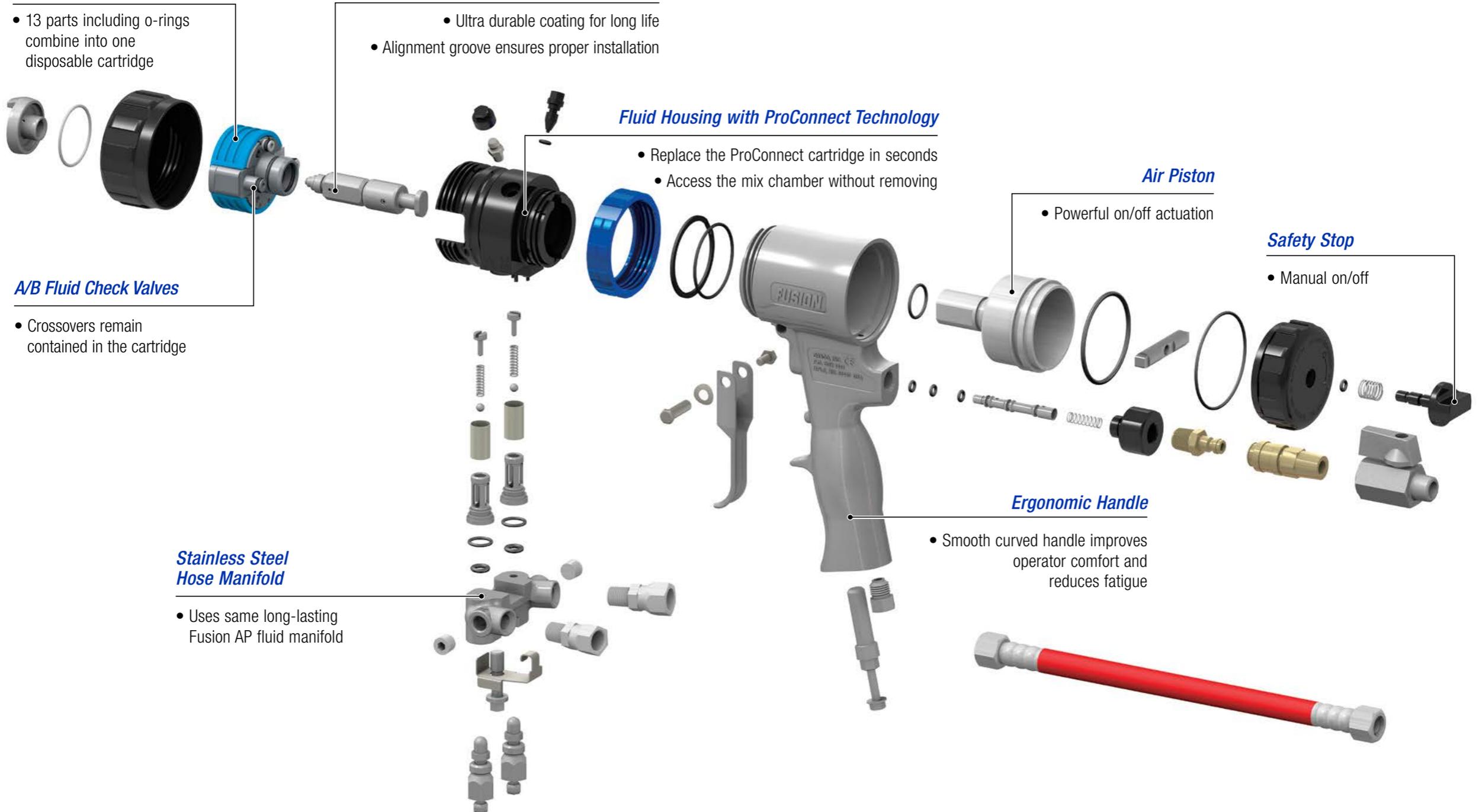
- Manual on/off

Stainless Steel Hose Manifold

- Uses same long-lasting Fusion AP fluid manifold

Ergonomic Handle

- Smooth curved handle improves operator comfort and reduces fatigue



► Fusion ProConnect (PC) Ordering Information

Fusion PC Spray Guns

Includes 3 replacement cartridges

- 25P587** Fusion PC Gun, round 00 Mix Chamber
- 25R084** Fusion PC Gun, round 00-01 Mix Chamber
- 25P588** Fusion PC Gun, round 01 Mix Chamber
- 25P590** Fusion PC Gun, round 01-02 Mix Chamber
- 25P589** Fusion PC Gun, round 02 Mix Chamber
- 25R085** Fusion PC Gun, round 03 Mix Chamber
- 25R086** Fusion PC Gun, flat 00 Mix Chamber, FT0438 tip
- 25P591** Fusion PC Gun, bare (no Mix Chamber), round air cap
- 25T452** Fusion PC Gun, bare (no Mix Chamber), flat air cap
- 26B230** Fusion PC Gun, flat 00 Mix Chamber, FT0624 tip
- 25T481** Fusion PC Gun, wide 2222, 4 hose manifold

Fusion PC Retrofit Kits

Includes 3 replacement cartridges

- 25P700** Fusion PC Retrofit, round 00 Mix Chamber
- 25R087** Fusion PC Retrofit, round 00-01 Mix Chamber
- 25P701** Fusion PC Retrofit, round 01 Mix Chamber
- 25P703** Fusion PC Retrofit, round 01-02 Mix Chamber
- 25P702** Fusion PC Retrofit, round 02 Mix Chamber
- 25R088** Fusion PC Retrofit, round 03 Mix Chamber
- 25R089** Fusion PC Retrofit, flat 00 Mix Chamber, FT0438 tip
- 25P704** Fusion PC Retrofit, bare (no Mix Chamber), round air cap
- 25T451** Fusion PC Retrofit, bare (no Mix Chamber), flat air cap
- 26B228** Fusion PC Retrofit, flat 00 Mix Chamber, FT0624 tip

Fusion PC Replacement Cartridges

- 19Y300** Fusion PC Replacement Cartridge, 1 Pack
- 19Y301** Fusion PC Replacement Cartridge, 3 Pack
- 19Y308** Fusion PC Replacement Cartridge, 5 Pack

Fusion PC Mix Chambers

- PC20RD** Fusion PC Mix Chamber, round 000
- PC29RD** Fusion PC Mix Chamber, round 00
- PC37RD** Fusion PC Mix Chamber, round 00-01
- PC42RD** Fusion PC Mix Chamber, round 01
- PC47RD** Fusion PC Mix Chamber, round 01-02
- PC52RD** Fusion PC Mix Chamber, round 02
- PC60RD** Fusion PC Mix Chamber, round 03
- PC70RD** Fusion PC Mix Chamber, round 04
- PC20FL** Fusion PC Mix Chamber, flat 000
- PC29FL** Fusion PC Mix Chamber, flat 00
- PC42FL** Fusion PC Mix Chamber, flat 01
- PC22WD** Fusion PC Mix Chamber, wide 2222
- PC28WD** Fusion PC Mix Chamber, wide 2828
- PC33WD** Fusion PC Mix Chamber, wide 3333
- PC39WD** Fusion PC Mix Chamber, wide 3939
- PC46WD** Fusion PC Mix Chamber, wide 4646

Spare Parts

- 26C775** Fusion PC Middle Ring
- 19Y302** Fusion PC Retaining Ring
- 19Y303** Fusion PC Fluid Housing
- 25P850** Fusion PC Cartridge Air O-ring
- 25P851** Fusion PC Cartridge Fluid O-ring
- 26C937** Fusion PC Jack Screw Holder
- 25P660** Fusion PC Cartridge Troubleshooting Tools
- 18C115** Complete Gun O-ring Kit
- 18C116** Fusion PC Parts Kit, complete - refillable case

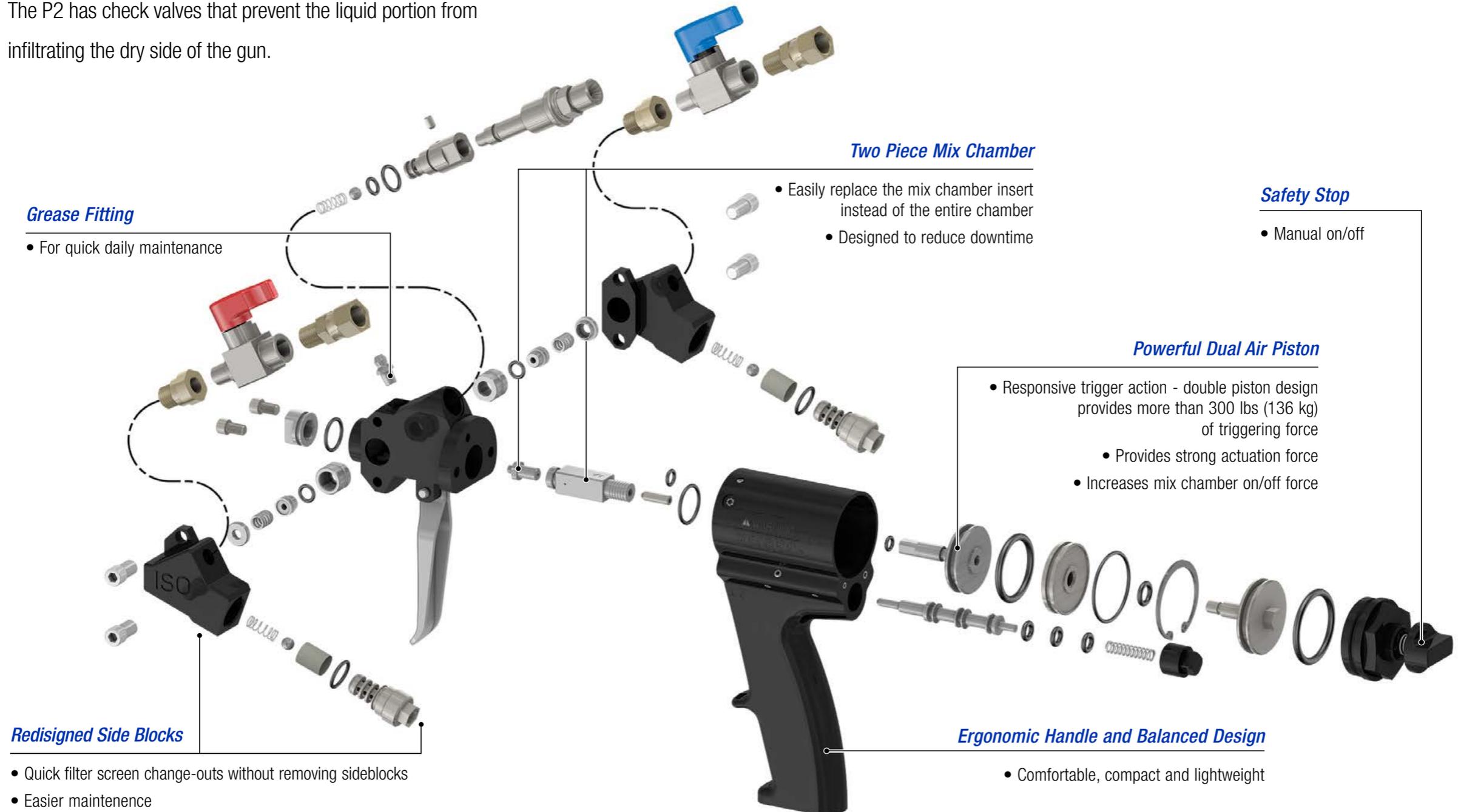
► Air Purge Guns

Probler® (P2) Gun – Compact and ergonomic

Recognized by the industry for its superior performance, the P2 gun's light, comfortable design lets you spray and maneuver easily – even in difficult spraying positions.

At the end of the day, maintenance is easy. No cleaning small air passages with tiny drill bits.

The P2 has check valves that prevent the liquid portion from infiltrating the dry side of the gun.



► Probler P2 Ordering Information

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

Probler P2 Gun Parts and Accessories - continued

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

Probler P2 Replacement Parts Kit

24X574	Probler P2 Parts Kit, complete with refillable case
---------------	---

► Mechanical Purge Guns

Fusion® Mechanical Purge (MP) Gun – Designed for superior mixing

The advanced mix module and tip design of the Fusion MP gun provide excellent mix and material properties while significantly reducing repair and maintenance costs. It will handle very low output (thin mil applications) to large, high flow, high output applications just by changing the mix module and tip.

CeramTip™

- Durable and easy to change
- Round and flat patterns

Adjustable Front Packing PolyCarballoy Mix Module

- For proven long life

Safety Stop

- Manual on/off

Check Valves with Screens

- Cartridge design for easy maintenance

Purge Rod

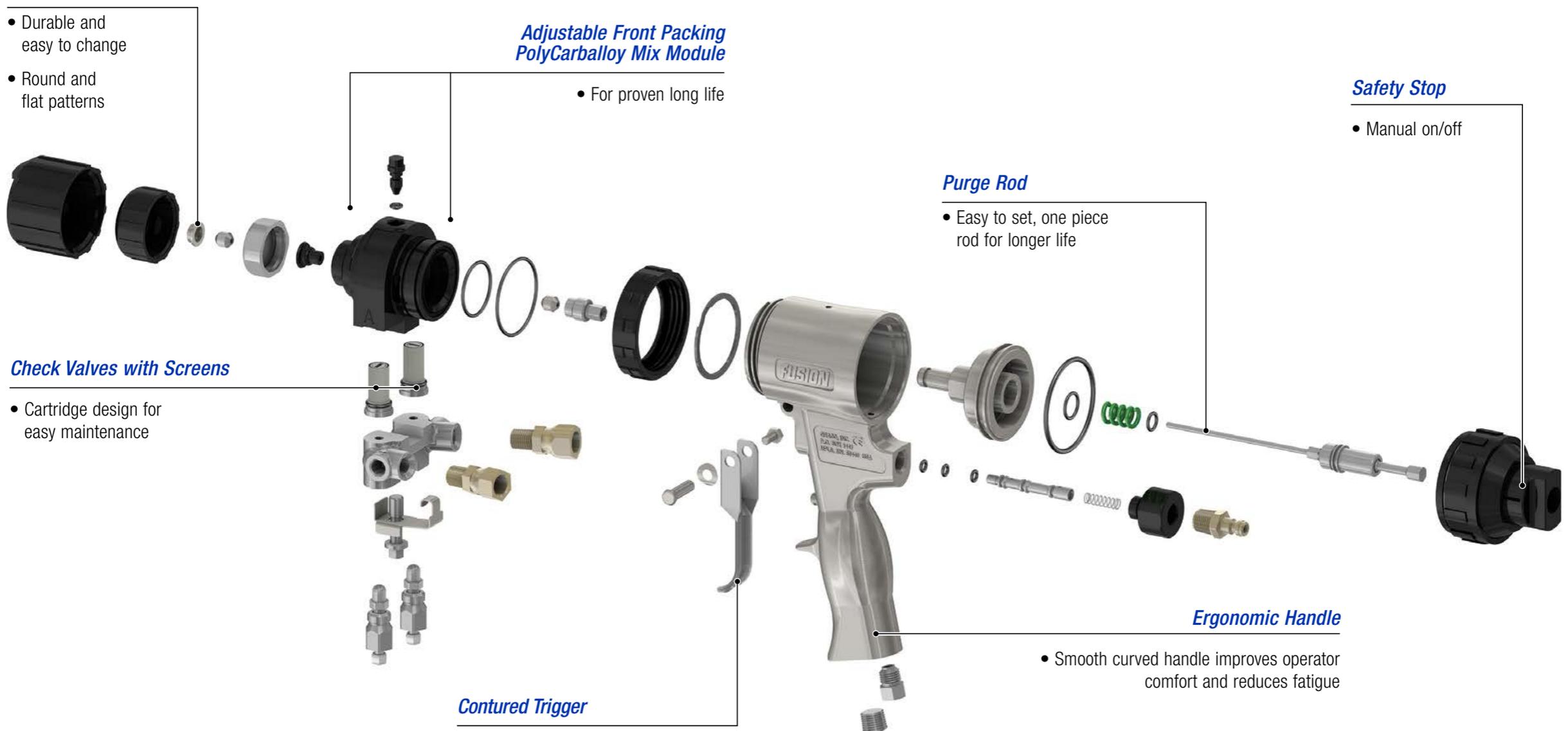
- Easy to set, one piece rod for longer life

Ergonomic Handle

- Smooth curved handle improves operator comfort and reduces fatigue

Contoured Trigger

- Easy two-finger actuation



► Fusion Mechanical Purge (MP) Ordering Information

Fusion MP 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 MP 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 MP 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

Fusion MP Guns, DI, Round - continued

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 MP 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 MP 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

Fusion MP Mix Modules - continued

XF5757	Direct impingement mix module, flat
XR2323	Direct impingement mix module, flat
XR2929	Direct impingement mix module, round
XR3535	Direct impingement mix module, round
XR4747	Direct impingement mix module, round
XR5757	Direct impingement mix module, round

Fusion MP 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 MP 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 MP 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

Fusion MP Replacement Parts Kit

24X572	Fusion MP Parts Kit, complete with refillable case
--------	--

► Mechanical Purge Guns

GX-7 Guns

25E217	GX-7 Slab Jacking Gun
295542	GX-7 1/90 Gun
295543	GX-7 10/210 Gun
295544	GX-7 3/70 Gun
295545	GX-7 5/70 Gun
295541	GX-7 DI 4/213 Gun
295540	GX-7-400 Gun

GX-7, GX-7-DI Tips and Accessories

295383	Coupling block
296128	Coupling block gasket, pack of 2
296692	Valving rod, 125
296693	Screen screw seal kit, pack of 2
296694	Round tip 100
296695	Round tip 110
296697	Round tip 125
256388	Single piece valving rod
296698	Fan tip 202
296700	Fan tip 204
296701	Fan tip 206
296702	Fan tip 208
296703	Fan tip 209
296704	Fan tip 210
296705	Fan tip 212
296706	Fan tip 213
296707	Fan tip 215
296708	Round tip 40
296709	Round tip 46
296710	Round tip 70
296711	Round tip 80
296712	Round tip 90
296715	Round tip 210
296716	Round tip 212
296717	Round tip 55, pack of 5
296718	Round tip 70, pack of 5
296719	Round tip 80, pack of 5
296720	Round tip 90, pack of 5
296722	Check valve kit, pack of 10
296723	Screen screw seal kit, pack of 2
296792	Screen screw seal kit, pack of 10
296724	80 mesh screen, package of 50
296829	Rear packing seal, pack of 5
296882	Fan tip 212.5 spec
296883	Fan tip 213.5 spec

GX-7 Mix Module Kits

296868	Module, A5 pour
296869	Module, A5 pour, pack of 12
296870	Module, A5-FS pour
296871	Module, A5-FS pour, pack of 12
296872	Module, A10 pour, pack of 12
296873	Module, A20 pour, pack of 12
296874	Module, A2 pour, pack of 12 (with 2 drills)
296875	Module, A2 pour
296876	Module, A3 pour
296885	Fan module, #402 round
296888	Fan module, #452 fan
296891	Fan module, #453 fan
296901	Ported module, #4
296903	Ported module, #5
296906	Round module, #10
296908	Round module, #1, pack of 12 (with 2 drills)
296909	Round module, #1
296910	Flat module, #12
296915	Round module, #16
296916	Round module, #2
296917	Round module, #22
296919	Round module, ported #3
296921	Round module, ported #4
296923	Round module, ported #5
296924	Round module, ported #53
296925	Fan module, ported #7 flat
296970	Manual valve
296978	Front packing
295868	PCD retainer O-ring

GX-7 DI Mix Module Kits

296900	Fan module #2
296901	Fan module #4
296903	Fan module #5

GX-7 400 Mix Module Kits

296885	Round module 402
296884	Round module 402, pack of 12
296859	Fan module 451
296860	Fan module 451, pack of 12
296888	Fan module 452
296887	Fan module 452, pack of 12
296891	Fan module 453
296890	Fan module 453, pack of 12

GX-7 400 Tip Kits

296858	Round 40
296852	Fan 210
296853	Fan 212
296854	Fan 212, pack of 5
296855	Fan 213
296856	Fan 213, pack of 5
296857	Fan 214
296892	Fan TOM

D-Gun

295530	D-Gun 55 mix chamber
295531	D-Gun 55 mix chamber recirc
295532	D-Gun 62 mix chamber
295533	D-Gun 70 mix chamber

D-Gun Parts and Accessories

296584	Mix chamber 46, L800
296585	Mix chamber 46, L-810
296586	Mix chamber 55, L
296587	Mix chamber 55, L
296588	Mix chamber 70, L
296594	Mix Chamber 46, N-800
296595	Mix chamber 46, N-810
296597	Mix chamber 55, N
296598	Mix chamber 62, N
296599	Mix chamber 70, N
296600	Mix chamber 78, N
296578	Valving Rod D-Gun 46
296579	Valving Rod D-Gun 55
296580	Valving Rod D-Gun 62
296581	Valving Rod D-Gun 70
296582	Valving Rod D-Gun 78
296634	Air Cap, D-Gun 55/62
296635	Air Cap, D-Gun 70/78
296838	Air Cap, D-Gun 46
296621	Screen screw seal kit, pack of 10
296622	80 mesh screen kit, pack of 10
296623	80 mesh screen kit, pack of 50
296611	Felt wiper kit, pack of 5
296125	Air valve repair kit
296725	Air cylinder seal kit
296614	Check Valve-A, D-Gun, pack of 10
296615	Check Valve-R, D-Gun, pack of 10

GX-8 Gun and Accessories

297898	GX-8 Gun, with 013 module
297832	GX-8 Gun with starter and service kit
295377	013 round module, pack of 5
295339	020 round tip
295428	024 round tip
295338	013 fan module
297192	201 fan tip
297841	202 fan tip



► Gun Accessories

Choosing the right tips and mix chambers

1. Choose a Round or Flat pattern for your tip or mix chamber (typically round for foam, 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 PC:

- RD = Round Mix Chamber
- WD = Wide Mix Chamber
- FL = Flat Mix Chamber

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				
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 AP 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 AP 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
Fusion AP 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

Gun	Mix Chamber/Tip	Pattern at 24 in (61 cm) from target	Polyurea in GPM @ 2000 psi	Foam in lb/min @ 1000 psi
Fusion PC Round				
PC20RD	FL2020 w/FT0424	10 in (254 mm)	0.5 gpm	3 lb/min
PC29RD	FL2020 w/FT0438	8 in (203 mm)	1.1 gpm	7 lb/min
PC37RD	FL0000 w/FT0424	9 in (227 mm)	1.3 gpm	8 lb/min
PC42RD	FL0000 w/FT0438	11 in (279 mm)	1.6 gpm	9 lb/min
PC47RD	FL0000 w/FT0624	11 in (279 mm)	1.6 gpm	9 lb/min
PC52RD	FL0000 w/FT0638	12 in (305 mm)	2.4 gpm	14 lb/min
PC60RD	FL0000 w/FT0838	14 in (356 mm)	NA	19 lb/min
PC70RD	FL0000 w/FT0848	18 in (457 mm)	NA	7 lb/min
Fusion PC Flat				
PC20FL	FL0101 w/FT0424	10 in (254 mm)	1.0 gpm	6 lb/min
PC29FL	FL0101 w/FT0438	10 in (254 mm)	1.2 gpm	7 lb/min
PC42FL	FL0101 w/FT0624	14 in (356 mm)	1.0 gpm	6 lb/min
Fusion MP 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 MP 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, AP, PC 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



PC 42 RD

Fusion PC
"A" & "B" Orifice Size = .042
Round Mix Chamber



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



► Transfer Pumps and Agitator Kits

Graco's family of transfer pumps maintain performance in any environment. Transfer pumps are required to feed chemical to your Reactor® spray machine and can be used with other equipment requiring fluid transfer. Consider your material viscosities, desired output rate, interior ceiling height of your rig, and available air pressure when choosing your ideal pump.



Now available with ProConnect technology!

- The T4 is a 3:1 ratio pump. Use less air pressure to provide the same fluid pressure that you require.
- The T4 pump is much quieter. T4's decibels are nearly 16 dBA less than the T2. About 3 times quieter!
- The T4 utilizes the proven Merkur air-motor and is based on air pilot valve technology, so the air-motor switching is purely pneumatic. There are fewer parts on the T4 to wear, maintain and replace.

Transfer Pump Technical Specifications

	Part Number	Ratio	Maximum Output – Continuous	Maximum Input – Air Pressure	Maximum Output – Fluid Pressure	Maximum Ambient Temp	Maximum Fluid Temp	Weight	Height	Manual Number	Wetted Materials
T1	256200	2:1	2.5 gpm (9.5 lpm)	180 psi (12 bar, 1.2 MPa)	360 psi (25 bar, 2.5 MPa)	120°F (49°C)	190°F (88°C)	18 lb (8.4 kg)	51.5 in (131 cm)	312766	Stainless Steel
T2	295616	2.25:1	5.0 gpm (19 lpm)	180 psi (12 bar, 1.2 MPa)	405 psi (28 bar, 2.8 MPa)	120°F (49°C)	190°F (88°C)	21 lb (9.5 kg)	54 in (137 cm)	311882	Stainless Steel
T3 SST	26A304	3:1	4.5 gpm (17 lpm)	100 psi (6.8 bar, 0.68 MPa)	315 psi (21.7 bar, 2.17 MPa)	120°F (49°C)	190°F (88°C)	22 lb (10 kg)	50.3 in (128 cm)	3A5180	Stainless Steel
T3 CS	24Z834	3:1	4.5 gpm (17 lpm)	100 psi (6.8 bar, 0.68 MPa)	315 psi (21.7 bar, 2.17 MPa)	120°F (49°C)	190°F (88°C)	22 lb (10 kg)	50.3 in (128 cm)	3A5180	Carbon Steel
T4	26D001	3:1	4.5 gpm (17 lpm)	100 psi (6.8 bar, 0.68 MPa)	315 psi (21.7 bar, 2.17 MPa)	120°F (49°C)	190°F (88°C)	24.5 lb (11 kg)	49.8 in (126 cm)	3A8502	Carbon Steel



Air Driven Expanding Blade Agitator

Graco's expanding blade agitators are specifically designed to properly mix spray foam and polyurea materials and to maintain suspension. Many chemistries require agitation to properly mix materials for optimal material properties and yields. The extended center shaft ensures the lower blades reach the bottom of the drum for difficult to mix materials, including emulsions. Designed to fit through a standard drum bung.

Part Number	26C150	26C818
Max Working Pressure	100 psi (0.7 MPa, 7 bar)	100 psi (0.7 MPa, 7 bar)
Max Centipoise	2000 cps	1000 cps
Max Recommended Agitator Speed	500 rpm	500 rpm
Air Consumption at 400 rpm with 100 psi (0.7 MPa, 7 bar) air inlet pressure	22 scfm (0.62 m ³ /min)	12 scfm (0.34 m ³ /min)
Weight	13.3 lb (6.0 kg)	9.8 lb (4.5 kg)
Bung Adapter Thread Size	1.5 - 11.5 npsm and 2 - 11.5 npsm	1.5 - 11.5 npsm and 2 - 11.5 npsm
Wetted Parts	303, 18-8 and 304 sst	303, 18-8 and 304 sst

► Transfer Pumps and Agitator Kits Ordering Information

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
- 26A304** T3 (stainless steel) 3:1 ratio piston pump for higher viscosity materials, 315 psi max fluid psi, 4.5 gpm @ 100 cpm
- 24Z834** T3 (carbon steel) 3:1 ratio piston pump for higher viscosity materials, 315 psi max fluid psi, 4.5 gpm @ 100 cpm
- 26D001** T4 (carbon steel) 3:1 ratio piston pump for higher viscosity materials, 315 psi max fluid psi, 4.5 gpm @ 100 cpm w/ ProConnect
- 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, manua

Two Supply Pumps with Fluid Plumbing

- 247956** T1 pumps with supply hoses
- 246898** T2 pumps with supply hoses
- 24Z988** T3 (stainless steel) pumps with supply hoses
- 25D296** T3 (carbon steel) pumps with supply hoses
- 26D002** T4 (carbon steel) 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

Complete Supply Pump Systems

Includes two pumps, all air and fluid fittings and hoses for both pumps

- 247955** Complete T1 (247956) supply pump system
- 246081** Complete T2 (246898) supply pump system
- 24Z987** Complete T3 (stainless steel) supply pump system
- 25D295** Complete T3 (carbon steel) supply pump system
- 26D003** T4 Pump Package: 2 pumps, fluid supply kit, air hose kit, and desiccant dryer kit
- 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 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/T3 pump tote extender
- 26C589** T3 tapered lower conversion kit
- 25B395** Kit, Bung adapter, easy removal, SST, for use with T2 and T3 pumps
- 273295** Kit, Pump Lower, for use with T4 pump

Agitators

- 26C150** Expandable blade mixer, extended shaft, high viscosity, up to 2000 centipoise
- 26C818** Expandable blade mixer, extended shaft, low viscosity, up to 1000 centipoise
- 17V342** Extended shaft and blade kit or retrofit existing 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
- 24G621** Agitator speed control

► Independent Plug-in Heated Hose

Heated hose solution for portable spray systems

The Graco Independent Plug-in Heated Hose provides hose heat in a stand-alone system that can be plugged into a standard 120V or 240V outlet. Available in 15 m (50 ft), 30 m (100 ft) or 45 m (150 ft) continuous lengths, you now have total control for reliable, fast, controlled heat to meet your application needs.

An ideal solution for Graco Reactor E-10, E10hp and E-8p models.



Be More Productive

- At the start of the day, heated hoses get you running quicker without having to recirculate your hose material to get up to temperature.
- Heated hoses maintain chemical temperatures even when you are not spraying, so no need to put the machine in “recirc-mode” every time you set the gun down.
- Eliminates the recirculation hose bundle, removing two hoses from the bundle, making the hose lighter weight and more flexible.



Better Chemical Yield

- Maintains chemical temperature in hose when not spraying reassuring no cold material is being sprayed allowing for better yield.
- Uses a Fluid Temperature Sensor (FTS) to accurately monitor and maintain desired temperature.
- Adjustable temperature control allows you to select the desired temperature up to 160°F.
- 20 degree delta-T for every 50 feet. *Depending on the hose length and voltage, you can get between 20-60°F delta-T while spraying.
** Delta-T performance is dependant on many factors, actual Delta-T may vary.*



Extend Your Spray Season

- Heated hoses extend the spray season into the colder months without worrying about alternative ways of keep the chemical warm.
- For chemicals typically sprayed at room temperature (70°F) the heated hose allows you to keep spraying even when ambient temperatures are less than ideal.



► Heated Hose Ordering Information

Add the Graco Independent Plug-in Heated Hose as an accessory to your portable system. The hose can be retrofit on any Graco portable system in the field, or can be used independently for other applications where a heated hose may be beneficial.

How to order – two simple steps:

Step 1: Pick your hose length in the desired voltage

Determine length of hose, 50 ft., 100 ft. or 150 ft. and voltage, 120V or 240V.

It is important to note that you cannot add hose lengths together. All hoses must be used with a whip hose.

HOSE PART NUMBER	HOSE LENGTH	VOLTS	AMPS	WATTS/FT	DELTA T @ 0.5 GPM*	RATED HOSE PRESSURE
26C013	50 ft	120	12	13	20 F	3000 psi
26C014	100 ft	120	12	6	20 F	3000 psi
26C015	50 ft	240	6	13	20 F	3000 psi
26C016	100 ft	240	12	13	40 F	3000 psi
26C017	150 ft	240	16	13	60 F	3000 psi

*Delta-T performance is dependant on many factors, actual Delta-T may vary.

Step 2: Pick the controller kit that will work with your hose voltage and Graco machine

Determine which sprayer you will be using: E-10, E-10hp, or E-8p, and match the voltage of the controller with the voltage of the hose you choose.

(The voltage of the hoses and controller do not have to match the voltage of the machine.)

CONTROLLER KITS	MACHINE	VOLTS	TEMP UNITS
25M750*	E-8p	120	F
25M751*	E-10/E-10hp	120	F
25M752*	E-8p	240	F
25M753*	E-10/E-10hp	240	F
25M754*	E-8p	240	C
25M755*	E-10/E-10hp	240	C

*Kits include: the controller, machine install kit, FTS, and whip hose





GRACO HEADQUARTERS

WORLDWIDE HEADQUARTERS

Graco Inc.
88 -11th Avenue N.E.
Minneapolis, MN 55413
Tel: 612-623-6000



Graco Has You Covered

Facilities Worldwide for Global Support



Quality First

At Graco we pride ourselves on providing best-in-class products. Engineered solutions are manufactured in our own facilities, with the highest standards in the industry. We provide you with world-class customer support and expertise to help solve your application challenges.



Global Reach

Graco has facilities across the globe to provide you with the products and service you need, where you live. Plus, Graco has dedicated field experts in all areas of the world to support the products we sell.



Product Capabilities

Graco has a broad range of products that are engineered and tested to perform in the harshest environments so you can be certain your equipment is protected and working at peak performance.

Contact us today!