



# Reactor<sup>®</sup> 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](http://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.

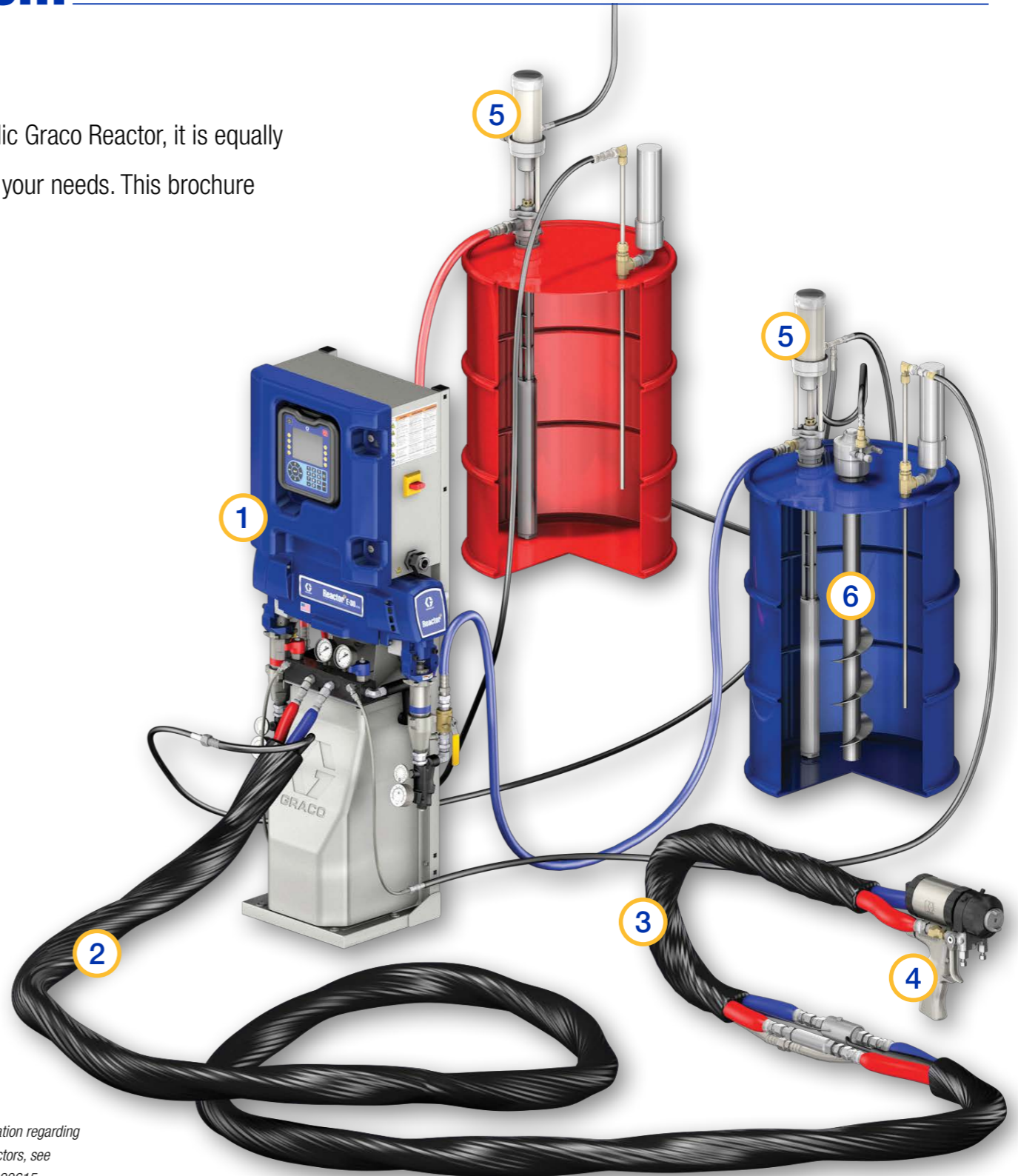
### SELECT SUPPLY PROCESSING EQUIPMENT

#### 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.



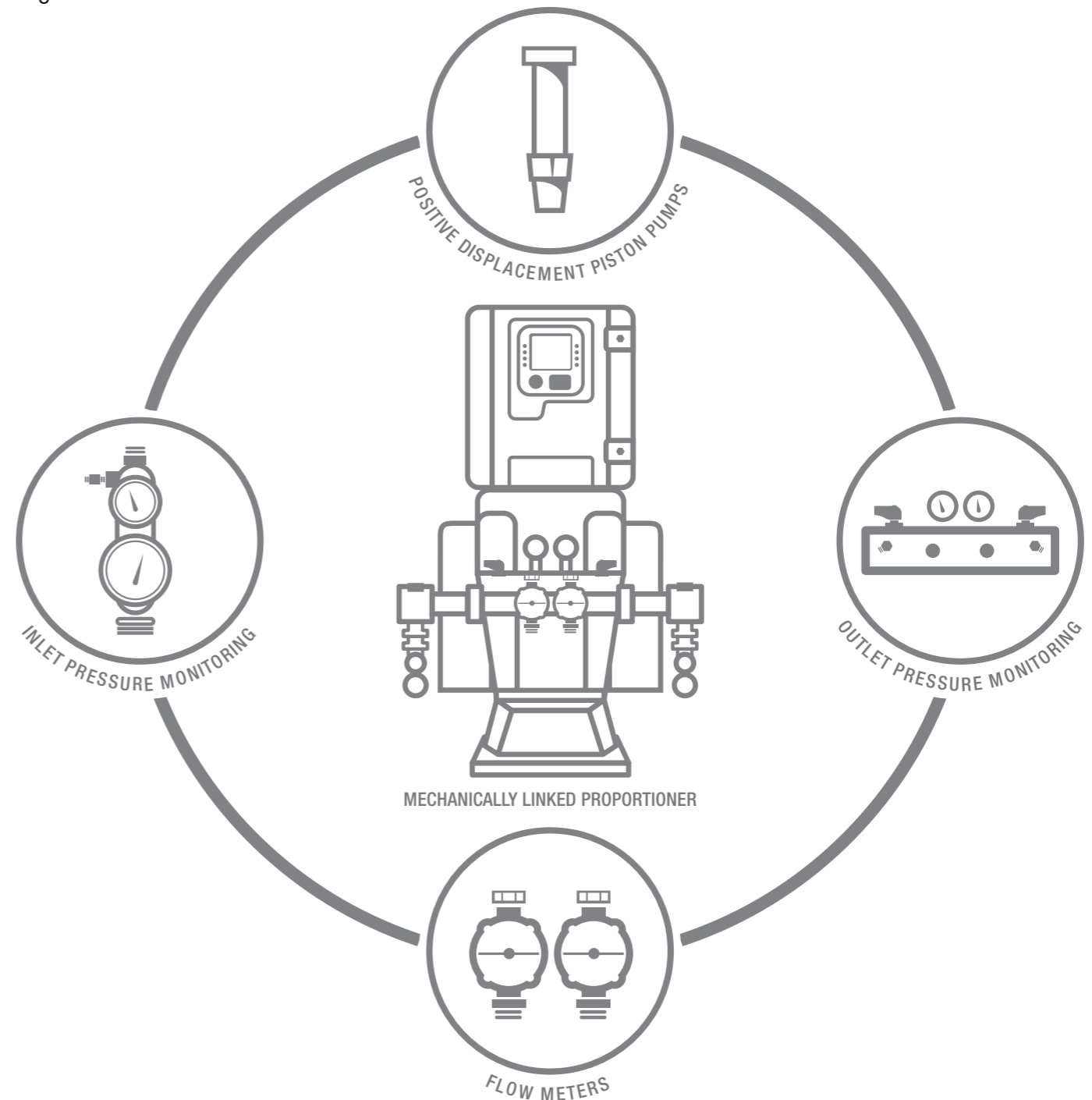
For information regarding  
Graco Reactors, see  
brochure 300615.

## ► 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

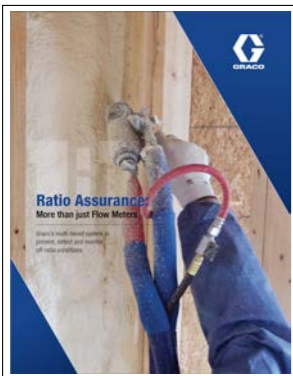


# ► Reactor Ratio Assurance System - continued

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](http://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

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### 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

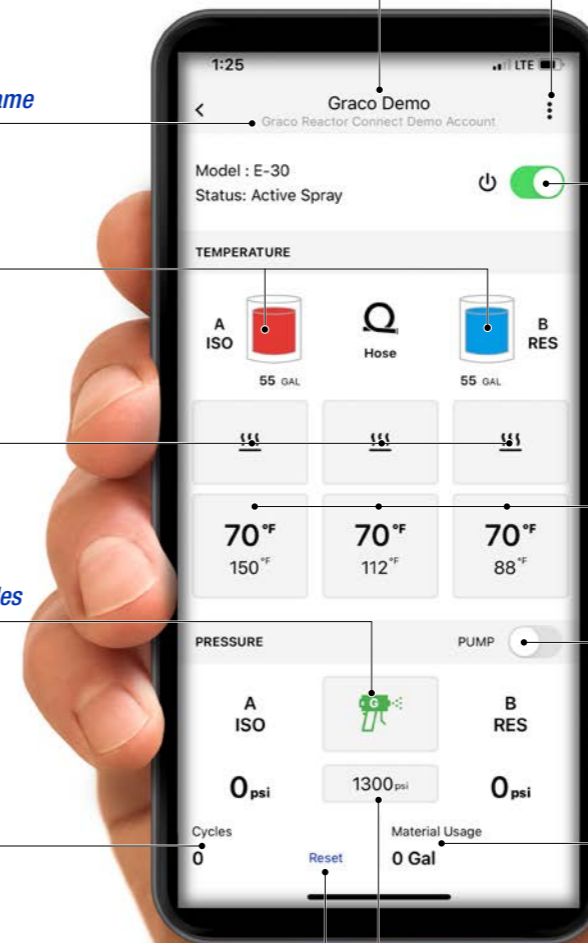
### View Drum Levels

### 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

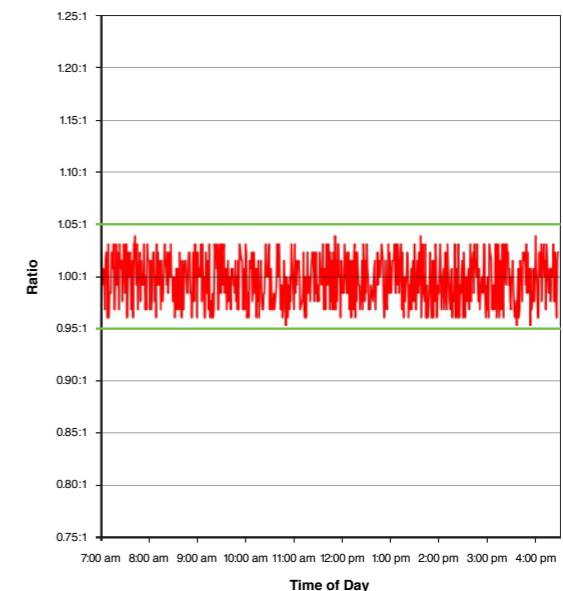
### EX 1: Reactor Summary Report Sample

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
<b>Total</b>	<b>---</b>	<b>12765</b>	<b>715.6</b>	<b>101.1</b>	<b>34.3</b>	<b>7.1</b>	<b>34%</b>	<b>19</b>

### 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

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## 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.

# ► 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®
<b>Materials Sprayed</b>	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
<b>Max Output</b>	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)
<b>Min Output</b>	< 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)
<b>Max Working Fluid Pressure</b>	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)
<b>Max Working Air Inlet Pressure</b>	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)
<b>Max Fluid Temperature</b>	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)
<b>Weight (with manifold)</b>	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)
<b>Air inlet size</b>	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
<b>A Component (ISO) inlet size</b>	-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>B Component (Resin) inlet size</b>	-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
<b>Wetted Parts</b>	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
<b>Gun Dimensions</b>	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)
<b>Instruction Manual</b>	312666	3A7314	309550	313213	311322	309856	311321	311321	311321	311338	311320
<b>Applications</b>	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

### ClearShot Cartridge

- Keeps mix chamber clear

### Variable Flow Setting

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

# ► Fusion CS Ordering Information

## Fusion CS Gun, Round

<b>CS20RD</b>	RD2020 (000) round mix chamber (.020 orifice size)
<b>CS00RD</b>	RD0000 (00) round mix chamber (.029 orifice size)
<b>CS01RD</b>	RD0101 (01) round mix chamber (.042 orifice size)
<b>CS02RD</b>	RD0202 (02) round mix chamber (.052 orifice size)
<b>CS03RD</b>	RD0303 (03) round mix chamber (.060 orifice size)

## Fusion CS Gun, Wide Round

<b>CS22WD</b>	WD2222 wide mix chamber (.022 orifice size)
<b>CS00WD</b>	WD0000 wide mix chamber (.028 orifice size)
<b>CS01WD</b>	WD0101 wide mix chamber (.039 orifice size)
<b>CS02WD</b>	WD0202 wide mix chamber (.046 orifice size)
<b>CS03WD</b>	WD0303 wide mix chamber (.057 orifice size)

## Fusion CS Gun, Flat

<b>CS20F1</b>	FL2020 mix chamber with FT0424 flat tip (.020 orifice size)
<b>CS20F2</b>	FL2020 mix chamber with FT0438 flat tip (.020 orifice size)
<b>CS00F1</b>	FL0000 mix chamber with FT0424 flat tip (.029 orifice size)
<b>CS00F2</b>	FL0000 mix chamber with FT0438 flat tip (.029 orifice size)
<b>CS00F3</b>	FL0000 mix chamber with FT0624 flat tip (.029 orifice size)
<b>CS00F4</b>	FL0000 mix chamber with FT0638 flat tip (.029 orifice size)
<b>CS00F5</b>	FL0000 mix chamber with FT0838 flat tip (.029 orifice size)
<b>CS00F6</b>	FL0000 mix chamber with FT0848 flat tip (.029 orifice size)
<b>CS01F1</b>	FL0101 mix chamber with FT0424 flat tip (.042 orifice size)
<b>CS01F2</b>	FL0101 mix chamber with FT0438 flat tip (.042 orifice size)
<b>CS01F3</b>	FL0101 mix chamber with FT0624 flat tip (.042 orifice size)
<b>CS01F4</b>	FL0101 mix chamber with FT0638 flat tip (.042 orifice size)
<b>CS01F5</b>	FL0101 mix chamber with FT0838 flat tip (.042 orifice size)
<b>CS01F6</b>	FL0101 mix chamber with FT0848 flat tip (.042 orifice size)
<b>CS02F1</b>	FL0202 mix chamber with FT0424 flat tip (.052 orifice size)
<b>CS02F2</b>	FL0202 mix chamber with FT0438 flat tip (.052 orifice size)
<b>CS02F3</b>	FL0202 mix chamber with FT0624 flat tip (.052 orifice size)
<b>CS02F4</b>	FL0202 mix chamber with FT0638 flat tip (.052 orifice size)
<b>CS02F5</b>	FL0202 mix chamber with FT0838 flat tip (.052 orifice size)
<b>CS02F6</b>	FL0202 mix chamber with FT0848 flat tip (.052 orifice size)

## ClearShot Fluid

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

## Fusion CS Parts

<b>256385</b>	ClearShot Liquid Cartridges - pack of 25
<b>256386</b>	ClearShot Liquid Cartridges - pack of 50
<b>256387</b>	ClearShot Liquid Cartridges - pack of 100
<b>117773</b>	Fusion grease (248280 - pack of 10)
<b>118665</b>	Fusion lube (248279 - pack of 10)
<b>246357</b>	Gun filter, 40 mesh - pack of 10
<b>246358</b>	Gun filter, 60 mesh - pack of 10
<b>246359</b>	Gun filter, 80 mesh - pack of 10
<b>248132</b>	Fluid housing O-ring, large - pack of 6
<b>248648</b>	Fluid housing O-ring, mix chamber - pack of 6
<b>256414</b>	Cover retainer kit - pack of 5
<b>256415</b>	Front cover, round kit - pack of 5
<b>256416</b>	Front cover, tip kit - pack of 5
<b>256454</b>	Air piston kit
<b>256455</b>	Spool valve kit
<b>256456</b>	Variable flow kit
<b>256457</b>	Front end replacement kit
<b>256459</b>	A Side valve kit
<b>256460</b>	B Side valve kit
<b>256461</b>	Fluid head checks kit
<b>256462</b>	Hose manifold checks kit
<b>256463</b>	Side seal housings kit
<b>256464</b>	Side seals kit
<b>256466</b>	Hose manifold kit
<b>256465</b>	Polycarbally seals kit, pack of 2
<b>256469</b>	Hose manifold check O-rings kit
<b>256470</b>	Air piston O-ring kit
<b>256471</b>	Fluid head O-ring kit
<b>256472</b>	Back cap O-ring kit
<b>256467</b>	Side seal O-rings - pack of 6
<b>256468</b>	Side seal housing O-rings - pack of 6
<b>256489</b>	Polycarbally seals kit, pack of 20
<b>256490</b>	Complete O-rings repair kit
<b>256510</b>	Fusion CS solvent flush kit
<b>256526</b>	Fusion CS gun clean out drill kit
<b>256566</b>	Fusion CS recirc manifold kit
<b>256567</b>	Tip retainer kit
<b>256569</b>	Fusion CS TP100 tip kit
<b>256570</b>	Fusion CS stud wall tip kit
<b>256640</b>	O-ring, fluid head checks kit - pack of 6
<b>256641</b>	Fusion CS flush manifold kit

## Fusion CS Parts - continued

<b>258996</b>	CS Adapter Block, used with AP hose manifold
<b>256642</b>	Inlet cover kit
<b>256650</b>	TP100 seals - pack of 5
<b>256651</b>	Stud wall tip seals - pack of 5
<b>256771</b>	Check valve O-ring, radial - pack of 6
<b>256772</b>	Air piston O-ring, small - pack of 6
<b>256773</b>	Fluid housing O-ring, small - pack of 6
<b>256774</b>	Variable flow O-ring - pack of 6
<b>256775</b>	Air piston O-ring, large - pack of 6
<b>256923</b>	Side seal springs - pack of 10
<b>256977</b>	Studwall retainer kit / TP 100
<b>256978</b>	Studwall housing kit / TP 100
<b>257142</b>	Polycarbally side seal housing kit
<b>257419</b>	Check valve spring - pack of 10
<b>257420</b>	Check ball - pack of 10
<b>257421</b>	Check valve retainer - pack of 10
<b>257422</b>	Check valve kit, Fusion CS (ISO)
<b>257423</b>	Check valve kit, Fusion CS (resin)
<b>257424</b>	Dosing piston with O-rings
<b>257426</b>	Variable flow O-ring kit - pack of 6
<b>257427</b>	Check valve housing (ISO) - pack of 10
<b>257428</b>	Check valve housing (resin) - pack of 10

## Fusion CS Mix Chamber Kits (Includes clean-out tools)

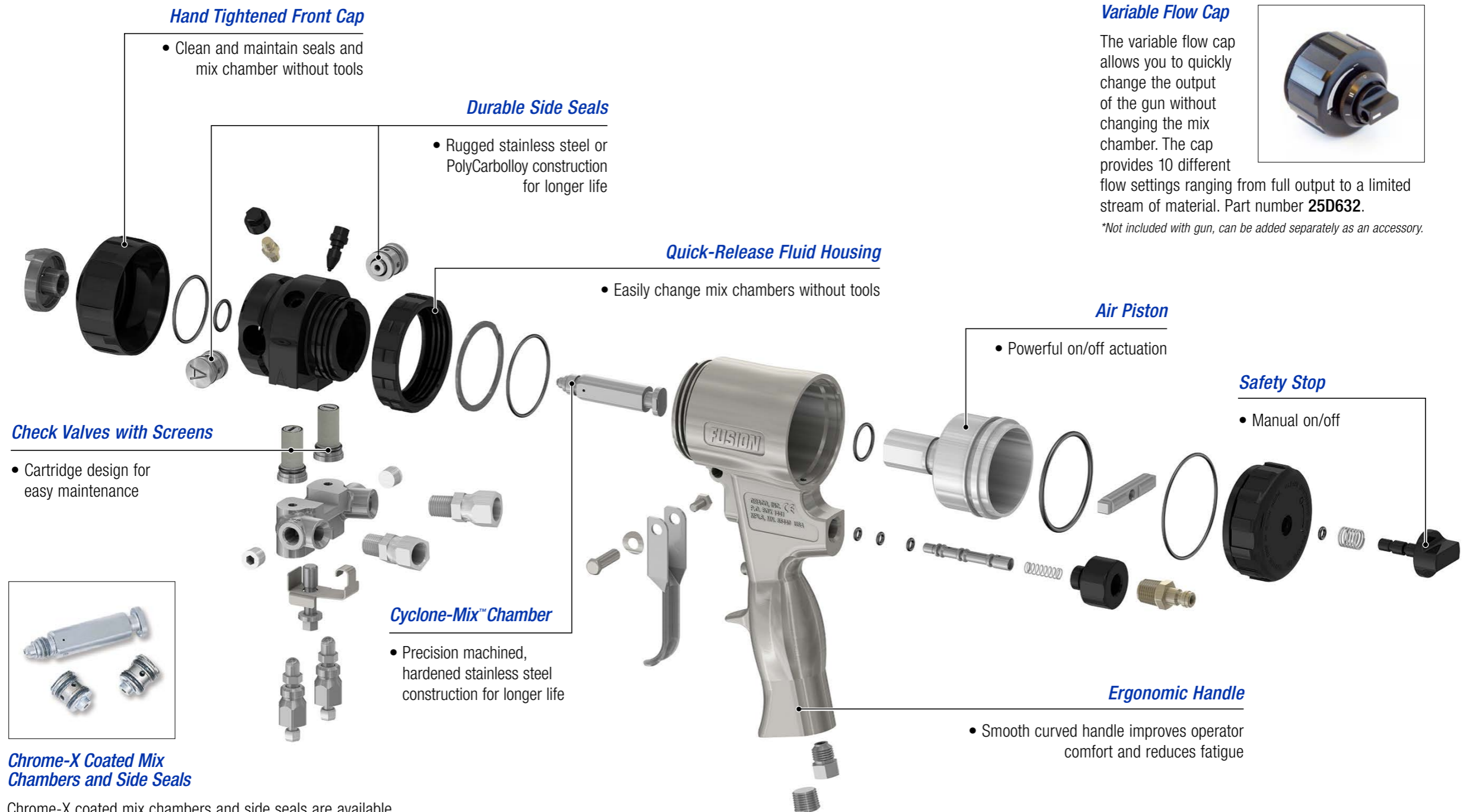
<b>FL2020</b>	Fusion CS 2020 flat mix chamber kit
<b>FL0000</b>	Fusion CS 2929 flat mix chamber kit
<b>FL0101</b>	Fusion CS 4242 flat mix chamber kit
<b>FL0202</b>	Fusion CS 5252 flat mix chamber kit
<b>RD2020</b>	Fusion CS 2020 round mix chamber kit
<b>RD0000</b>	Fusion CS 2929 round mix chamber kit
<b>RD0101</b>	Fusion CS 4242 round mix chamber kit
<b>RD0202</b>	Fusion CS 5252 round mix chamber kit
<b>RD0303</b>	Fusion CS 6060 round mix chamber kit
<b>WD2222</b>	Fusion CS 2222 wide mix chamber kit
<b>WD0000</b>	Fusion CS 2828 wide mix chamber kit
<b>WD0101</b>	Fusion CS 3939 wide mix chamber kit
<b>WD0202</b>	Fusion CS 4646 wide mix chamber kit
<b>WD0303</b>	Fusion CS 5757 wide mix chamber kit

## Fusion CS Replacement Parts Kit

<b>24X573</b>	Fusion CS Parts Kit, complete with refillable case
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# ► Air Purge Guns

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



### Chrome-X Coated Mix Chambers and Side Seals

Chrome-X coated mix chambers and side seals are available providing superior wear and corrosion resistance for longer life and less frequent replacement. Part numbers available on page 16.

*\*New guns ship with standard mix chambers and side seals.*

# ► 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
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# ► 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

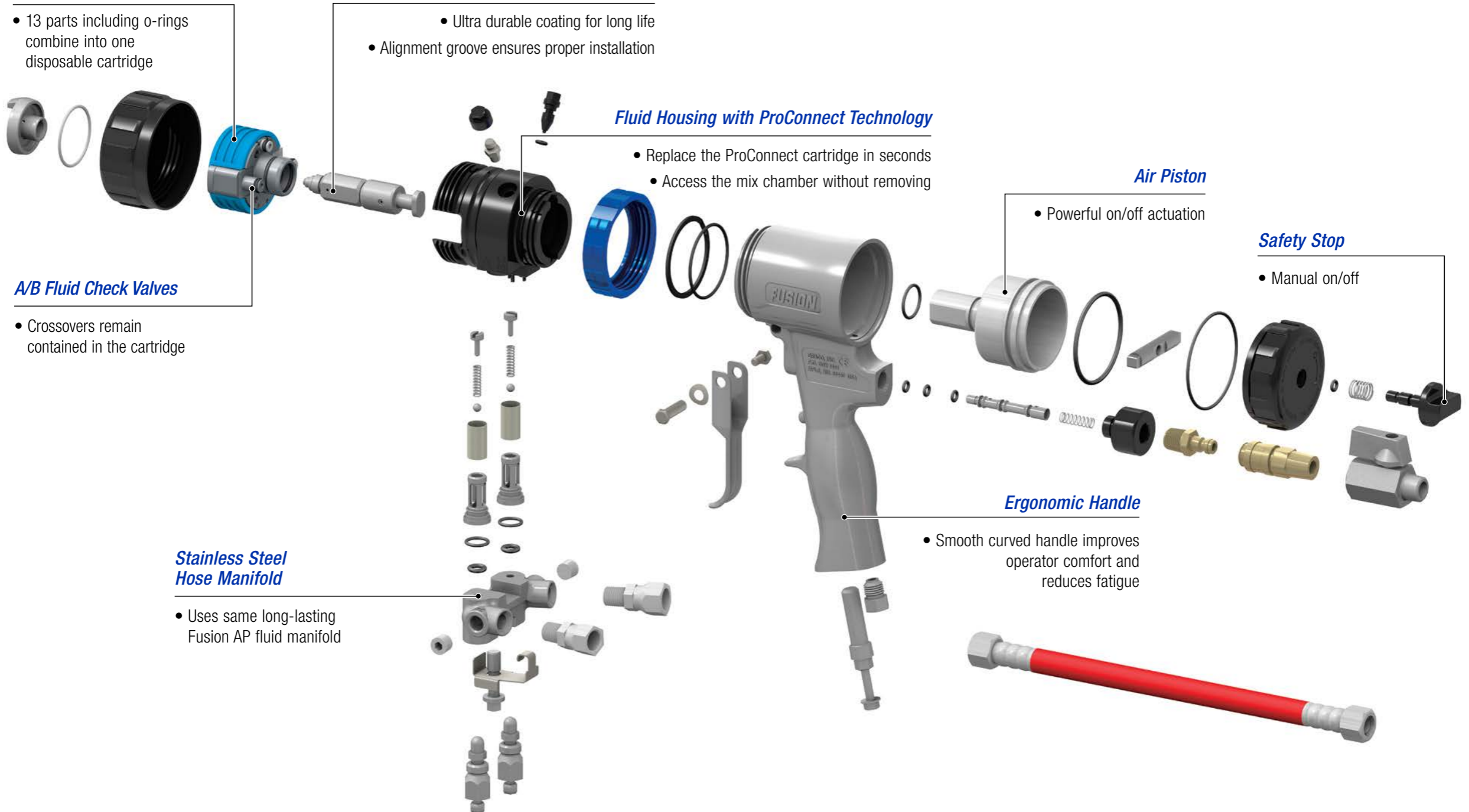
- Manual on/off

### 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

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## 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

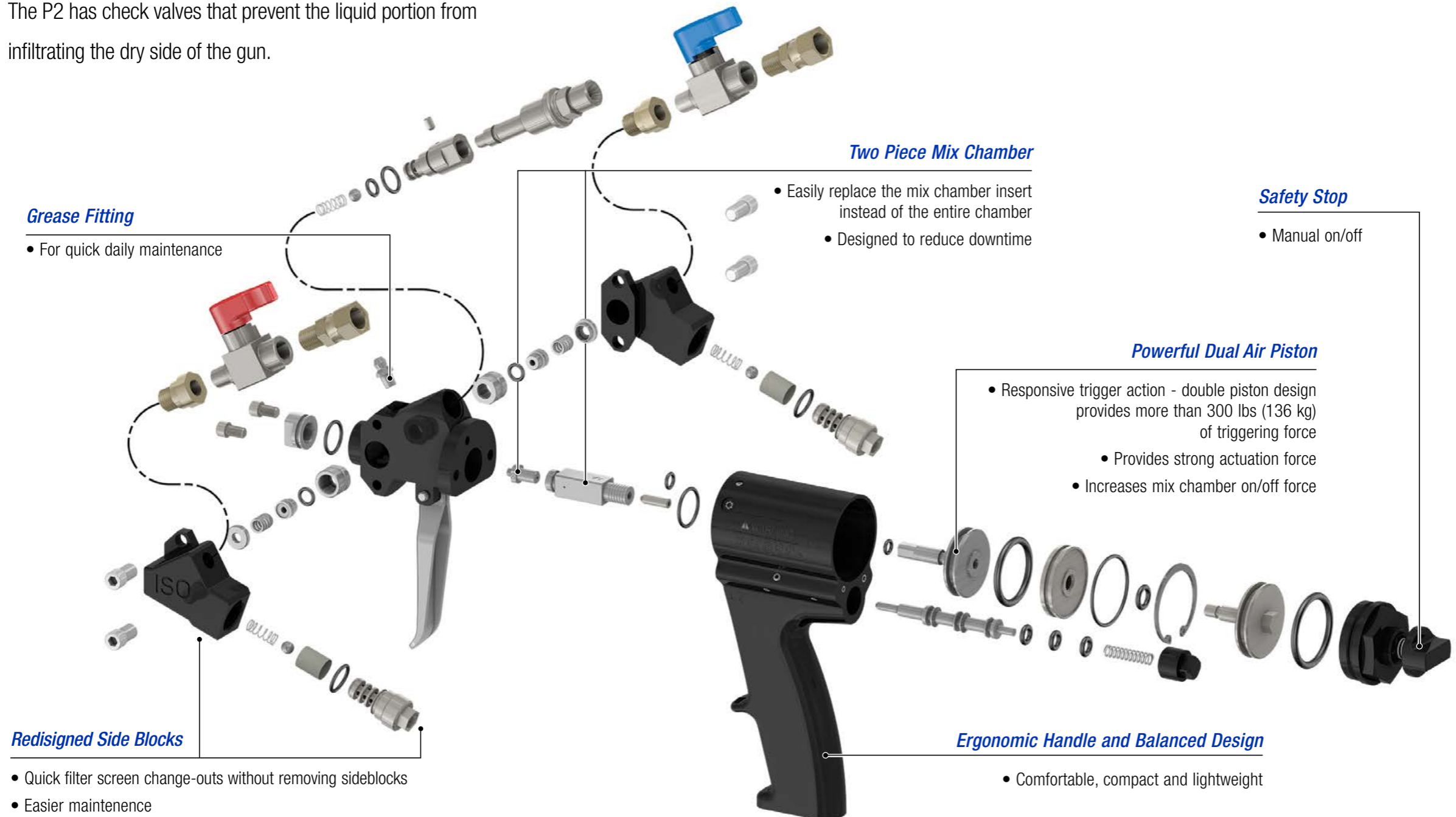
# ► Air Purge Guns

## 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

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### P2 Guns

<b>GCP2R0</b>	Probler 2 Gun Assembly
<b>GCP2R1</b>	Probler 2 Gun Assembly
<b>GCP2R2</b>	Probler 2 Gun Assembly
<b>GCP2R3</b>	Probler 2 Gun Assembly
<b>GCP2R4</b>	Probler 2 Gun Assembly
<b>GCP2R5</b>	Probler 2 Gun Assembly
<b>GCP2RA</b>	Probler 2 Gun Assembly

### P2 Elite Guns

<b>GCP3R0</b>	Probler P2 Elite Gun Assembly
<b>GCP3R1</b>	Probler P2 Elite Gun Assembly
<b>GCP3R2</b>	Probler P2 Elite Gun Assembly
<b>GCP3R3</b>	Probler P2 Elite Gun Assembly
<b>GCP3R4</b>	Probler P2 Elite Gun Assembly
<b>GCP3R5</b>	Probler P2 Elite Gun Assembly
<b>GCP3RA</b>	Probler P2 Elite Gun Assembly

### P2 Auto Guns

<b>GCP4R0</b>	Probler 2 Automatic Gun
<b>GCP4R1</b>	Probler 2 Automatic Gun
<b>GCP4R2</b>	Probler 2 Automatic Gun
<b>GCP4R3</b>	Probler 2 Automatic Gun
<b>GCP4R4</b>	Probler 2 Automatic Gun
<b>GCP4R5</b>	Probler 2 Automatic Gun
<b>GCP4RA</b>	Probler 2 Automatic Gun

### Probler P2 Gun Parts and Accessories

<b>GC1703</b>	P2 recirculation kit
<b>GC1892</b>	P2 Elite conversion kit
<b>GC1937</b>	P2 standard repair kit
<b>GC1938</b>	P2 flat spray kit
<b>GC1946</b>	Side seal kit
<b>GC1947</b>	P2 00-03 gun hardware kit
<b>GC1948</b>	P2 AA gun hardware kit
<b>GC1949</b>	P2 04-05 gun hardware kit
<b>GC1950</b>	Premium repair kit
<b>GC1952</b>	P2 0.059 jet nozzle
<b>GC1953</b>	P2 0.07 jet nozzle
<b>GC1954</b>	P2 pour cap
<b>GC1955</b>	P2 LP/HP static mixer adapter
<b>GC1956</b>	P2 static mixer assembly (non-nucleated)
<b>GC1957</b>	P2 16-in stud wall spray tip
<b>GC1958</b>	P2 24-in stud wall spray tip
<b>GC1959</b>	P2 delay plug
<b>GC1966</b>	P2 delayed air purge gun assembly
<b>GC1967</b>	P2 dispense counter assembly
<b>GC1968</b>	P2 stroke signal tee counter
<b>GC2494</b>	P2 seal kit
<b>GC2495</b>	P2 seal housing kit
<b>GC2496</b>	P2 40 mesh filter kit
<b>GC2497</b>	P2 100 mesh filter kit
<b>GC2498</b>	P2 side seal kit
<b>GC2499</b>	P2 handle kit

### Probler P2 Gun Parts and Accessories - continued

<b>GC2500</b>	P2 round 00 mix chamber kit
<b>GC2501</b>	P2 round 01 mix chamber kit
<b>GC2502</b>	P2 round 02 mix chamber kit
<b>GC2503</b>	P2 round 03 mix chamber kit
<b>GC2504</b>	P2 round 04 mix chamber kit
<b>GC2505</b>	P2 round 05 mix chamber kit
<b>GC250A</b>	P2 round AA mix chamber kit
<b>GC2510</b>	Mix chamber 00 insert kit
<b>GC2511</b>	Mix chamber 01 insert kit
<b>GC2512</b>	Mix chamber 02 insert kit
<b>GC2513</b>	Mix chamber 03 insert kit
<b>GC2514</b>	Mix chamber 04 insert kit
<b>GC2515</b>	Mix chamber 05 insert kit
<b>GC251A</b>	Mix chamber AA insert kit
<b>257988</b>	P2 Elite chopper attachment, B-410
<b>257989</b>	P2 Elite chopper attachment, B-510

### Probler P2 Replacement Parts Kit

<b>24X574</b>	Probler P2 Parts Kit, complete with refillable case
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# ► 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

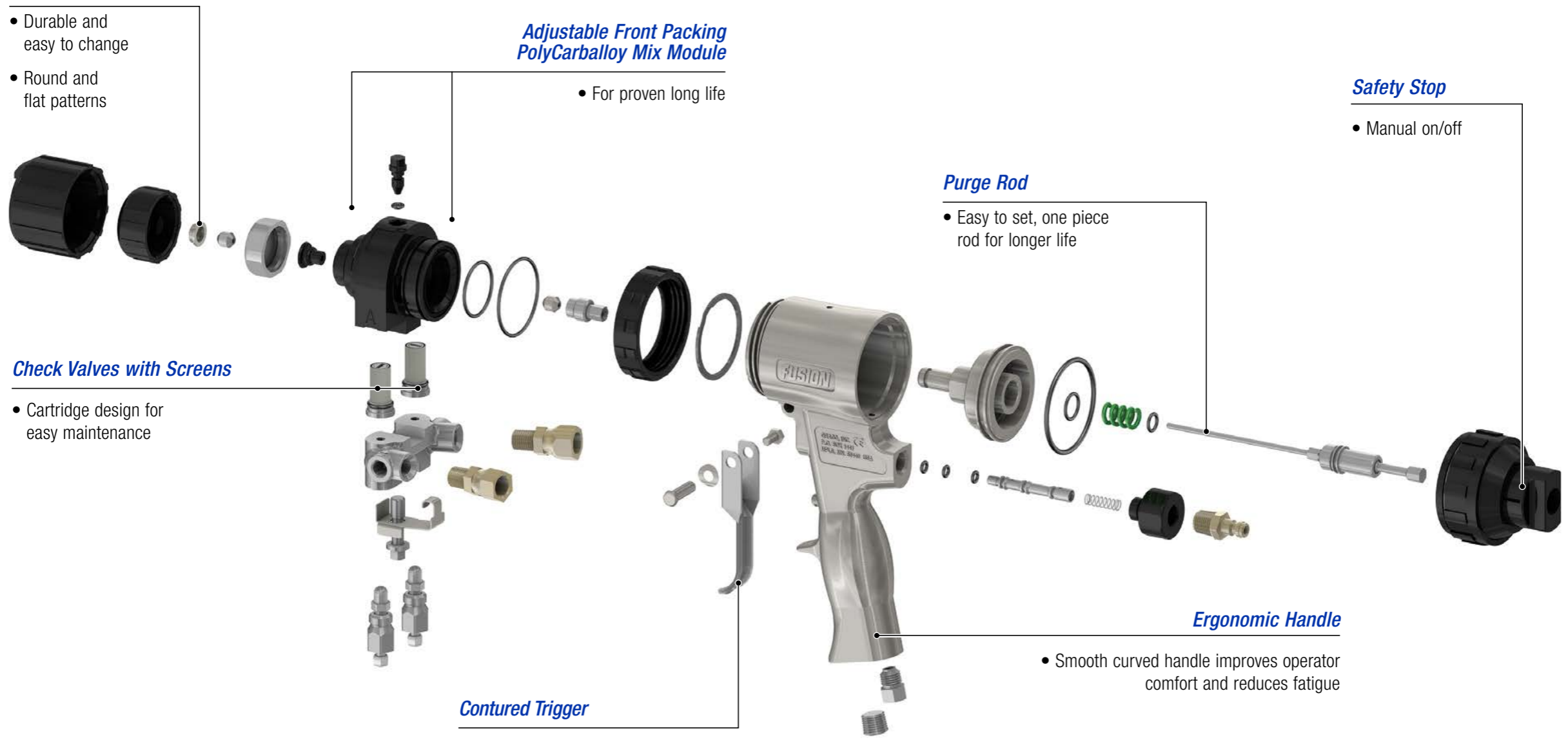
- Easy to set, one piece rod for longer life

### 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
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# ► 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





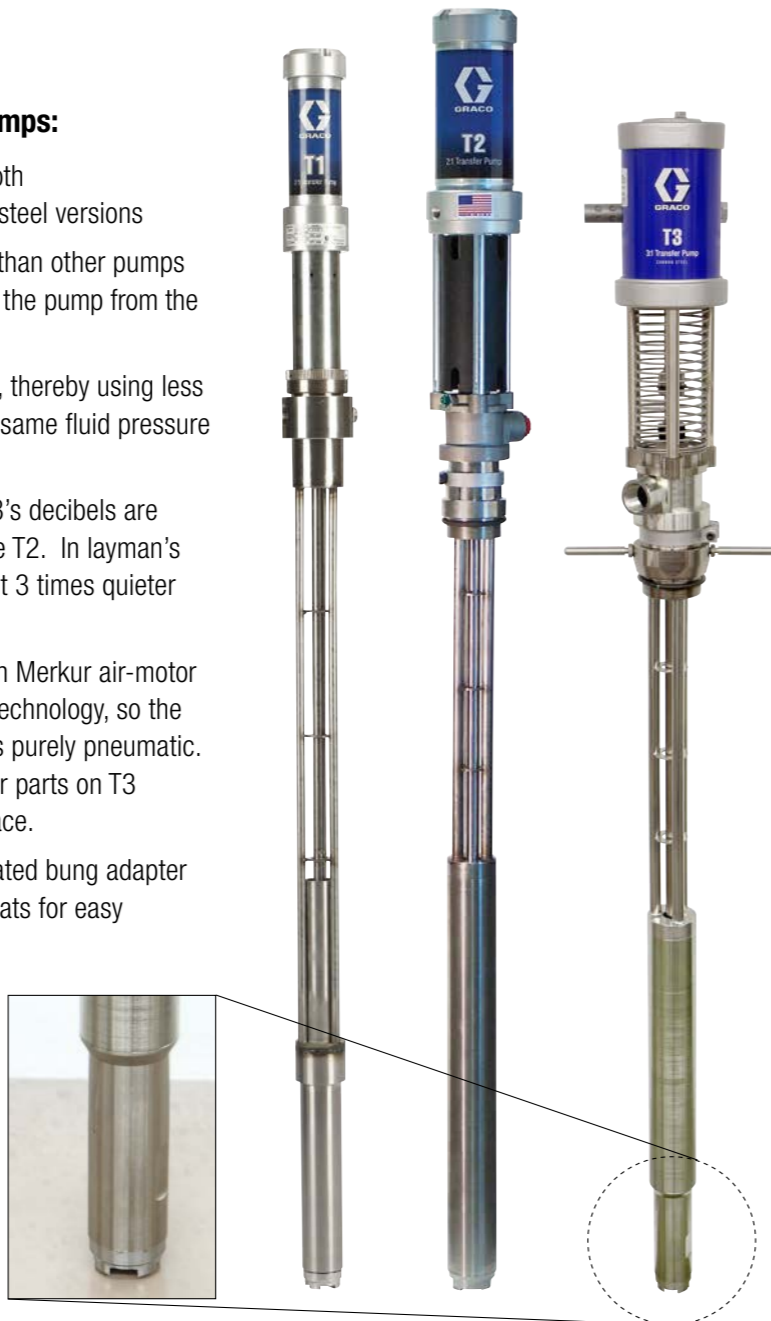


# ► Transfer Pumps and Agitator Kits

Graco's family of transfer pumps maintain performance in any environment. Transfer pumps are required to feed chemical to your Reactor spray machine or any 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.

## Graco's newest transfer pumps:

- T3 pumps are offered in both carbon steel and stainless steel versions
- The T3 pumps are shorter than other pumps making it easier to remove the pump from the drum inside of a spray rig
- The T3 is a 3:1 ratio pump, thereby using less air pressure to provide the same fluid pressure you require
- The T3 is much quieter. T3's decibels are nearly 16 dBA less than the T2. In layman's terms that equates to about 3 times quieter than the T2.
- T3 pumps utilize the proven Merkur air-motor is based on air pilot valve technology, so the air-motor valve switching is purely pneumatic. That means there are fewer parts on T3 to wear, maintain and replace.
- T3 pumps include the updated bung adapter with handles and wrench flats for easy removal from the drum
- T3 carbon steel pumps now include a tapered lower shaft for easy removal in low ceiling height rigs



## 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
<b>T1</b> 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
<b>T2</b> 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
<b>T3 SST</b> 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
<b>T3 CS</b> 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

## 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
<b>Max Working Pressure</b>	100 psi (0.7 MPa, 7 bar)	100 psi (0.7 MPa, 7 bar)
<b>Max Centipoise</b>	2000 cps	1000 cps
<b>Max Recommended Agitator Speed</b>	500 rpm	500 rpm
<b>Air Consumption at 400 rpm with 100 psi (0.7 MPa, 7 bar) air inlet pressure</b>	22 scfm (0.62 m <sup>3</sup> /min)	12 scfm (0.34 m <sup>3</sup> /min)
<b>Weight</b>	13.3 lb (6.0 kg)	9.8 lb (4.5 kg)
<b>Bung Adapter Thread Size</b>	1.5 - 11.5 npsm and 2 - 11.5 npsm	1.5 - 11.5 npsm and 2 - 11.5 npsm
<b>Wetted Parts</b>	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
- 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
- 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
- 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

## 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

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# Graco Has You Covered

Facilities Worldwide for Global Support



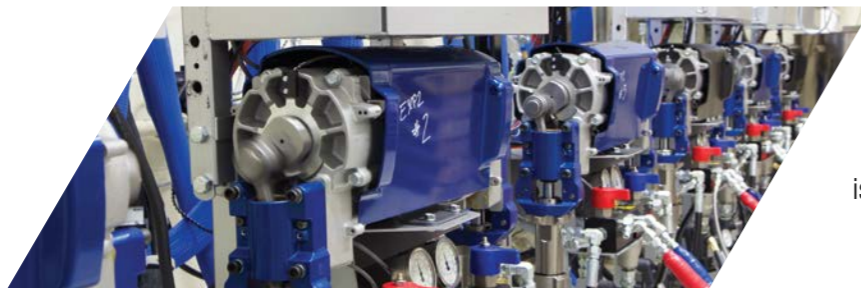
### Quality First

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!**