Reactor® Hoses, Guns and Accessories
For Spray Foam and Coatings Equipment
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

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
   **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.
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
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.


View the complete White Paper at www.graco.com/RAWP
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 With Reactor App Technology

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

The Reactor App 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.
Reactor App 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

<table>
<thead>
<tr>
<th>IMEI</th>
<th>Reactor Name</th>
<th>Cycle Count</th>
<th>Material Usage (gallons)</th>
<th>Power On Time (hours)</th>
<th>Actual Spray Time (hours)</th>
<th>Productivity (gallons/hour)</th>
<th>Machine Utilization</th>
<th>Days of Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>111111111111111</td>
<td>Graco #1</td>
<td>3206</td>
<td>203.3</td>
<td>29.0</td>
<td>10.5</td>
<td>7.0</td>
<td>38%</td>
<td>5</td>
</tr>
<tr>
<td>42222222222222222</td>
<td>Graco #2</td>
<td>2964</td>
<td>100.1</td>
<td>11.8</td>
<td>4.6</td>
<td>8.6</td>
<td>40%</td>
<td>3</td>
</tr>
<tr>
<td>357520076059928</td>
<td>SPFA #1</td>
<td>2395</td>
<td>177.2</td>
<td>31.7</td>
<td>7.8</td>
<td>5.6</td>
<td>25%</td>
<td>5</td>
</tr>
<tr>
<td>357520076060785</td>
<td>SPFA #2</td>
<td>1249</td>
<td>102.3</td>
<td>5.7</td>
<td>2.5</td>
<td>18.2</td>
<td>50%</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>---</td>
<td>12768</td>
<td>715.6</td>
<td>161.1</td>
<td>34.3</td>
<td>7.1</td>
<td>34%</td>
<td>19</td>
</tr>
</tbody>
</table>

EX 2: Ratio Detail Report Sample

| IMEI   | Reactor Name | Start Date | End Date | Material Usage A+B (gallons) | Avg Ratio | Ratio Range | Temp A Setpoint (°F) | Temp A Avg (°F) | Temp B Setpoint (°F) | Temp B Avg (°F) | Temp Hose Setpoint (°F) | Temp Hose Avg (°F) | Pressure Setpoint (psi) | Pressure Avg (psi) | Power On Time (hours) | Actual Spray Time (hours) | Productivity (gallons/hour) | Machine Utilization | Days of Use |
|--------|--------------|------------|----------|-----------------------------|-----------|-------------|----------------------|-----------------|---------------------|----------------|------------------------|------------------|------------------------|-------------------|----------------------|--------------------------|------------------------|-------------|
| 357520072734862 | Graco app simulator | 1/28/19 | 1/28/19 | 115 | 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 | --- | 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 - 1.08:1 | 1 | 325 | 325 | 325 | 325 | 325 | 1,150 | 1,149 |

EX 3: Ratio Graph Report Sample

Reactors App 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

Resistance Control Mode (RCM) is a selection in the controls that allows the hoses to heat and control hose temperature without depending on the hose RTD cables and FTS for temperature monitoring and control. 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 are 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>25M493</td>
<td>Xtreme-Wrap for 50 ft hose section</td>
</tr>
<tr>
<td>25M494</td>
<td>Xtreme-Wrap for 10 ft hose section</td>
</tr>
<tr>
<td>25M495</td>
<td>Joint Protector</td>
</tr>
<tr>
<td>246077</td>
<td>10 ft (3 m) braided polyester mesh scuff guard</td>
</tr>
<tr>
<td>246085</td>
<td>25 ft (7.6 m) braided polyester mesh scuff guard</td>
</tr>
<tr>
<td>246078</td>
<td>50 ft (15 m) braided polyester mesh scuff guard</td>
</tr>
<tr>
<td>246456</td>
<td>50 ft (15 m) polyethylene scuff guard</td>
</tr>
</tbody>
</table>

### Whip Hoses

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>246050</td>
<td>LP 1/4 in x 10 ft (6.3 mm x 3 m), Xtreme-Wrap Scuff Guard</td>
</tr>
<tr>
<td>246055</td>
<td>HP 1/4 in x 10 ft (6.3 mm x 3 m), Xtreme-Wrap Scuff Guard</td>
</tr>
<tr>
<td>246056</td>
<td>HP 3/8 in x 10 ft (9.5 mm x 3 m), scuff guard</td>
</tr>
<tr>
<td>246078</td>
<td>LP 1/4 in x 3 ft (6.3 mm x 91 cm), scuff guard</td>
</tr>
<tr>
<td>258701</td>
<td>XHP 1/4 in x 10 ft (6.3 mm x 3 m), scuff guard</td>
</tr>
</tbody>
</table>

### Low Pressure, 2000 psi (138 bar, 13.8 Mpa) 1/4 in (6.3 mm) diameter

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>246048</td>
<td>LP 1/4 in x 25 ft (6.3 mm x 7.6 m), Thermocouple</td>
</tr>
<tr>
<td>249587</td>
<td>LP 1/4 in x 25 ft (6.3 mm x 7.6 m), Ground Wire</td>
</tr>
<tr>
<td>246045</td>
<td>LP 1/4 in x 50 ft (6.3 mm x 15 m), Thermocouple</td>
</tr>
<tr>
<td>246074</td>
<td>LP 1/4 in x 50 ft (6.3 mm x 15 m), Ground Wire</td>
</tr>
</tbody>
</table>

### Low Pressure, 2000 psi (138 bar, 13.8 Mpa) 3/8 in (9.5 mm) diameter

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>246049</td>
<td>LP 3/8 in x 25 ft (9.5 mm x 7.6 m), Thermocouple</td>
</tr>
<tr>
<td>261328</td>
<td>LP 3/8 in x 25 ft (9.5 mm x 7.6 m), Ground Wire</td>
</tr>
<tr>
<td>246046</td>
<td>LP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple</td>
</tr>
<tr>
<td>246075</td>
<td>LP 3/8 in x 50 ft (9.5 mm x 15 m), Ground Wire</td>
</tr>
<tr>
<td>256549</td>
<td>LP 3/8 in x 50 ft (9.5 mm x 15 m), Ground Wire with scuff guard</td>
</tr>
<tr>
<td>24Y549</td>
<td>LP 3/8 in x 50 ft (9.5 mm x 15 m), Ground Wire with Xtreme-Wrap Scuff Guard</td>
</tr>
<tr>
<td>246678</td>
<td>LP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple with scuff guard</td>
</tr>
<tr>
<td>24Y678</td>
<td>LP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple with Xtreme-Wrap Scuff Guard</td>
</tr>
<tr>
<td>24T839</td>
<td>LP 3/8 in x 50 ft (9.5 mm x 15 m), RTD</td>
</tr>
<tr>
<td>24K240</td>
<td>LP 3/8 in x 50 ft (9.5 mm x 15 m), RTD with scuff guard</td>
</tr>
<tr>
<td>24Y240</td>
<td>LP 3/8 in x 50 ft (9.5 mm x 15 m), RTD with Xtreme-Wrap Scuff Guard</td>
</tr>
<tr>
<td>24K394</td>
<td>LP 3/8 in x 50 ft (9.5 mm x 15 m), RTD and CAN with scuff guard</td>
</tr>
<tr>
<td>24Y394</td>
<td>LP 3/8 in x 50 ft (9.5 mm x 15 m), RTD and CAN with Xtreme-Wrap Scuff Guard</td>
</tr>
</tbody>
</table>

### High Pressure, 3500 psi (240 bar, 24.0 Mpa) 3/8 in (9.5 mm) diameter

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>246053</td>
<td>HP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple</td>
</tr>
<tr>
<td>249588</td>
<td>HP 3/8 in x 50 ft (9.5 mm x 15 m), Ground Wire</td>
</tr>
<tr>
<td>246679</td>
<td>HP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple with scuff guard</td>
</tr>
<tr>
<td>24Y679</td>
<td>HP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple with Xtreme-Wrap Scuff Guard</td>
</tr>
<tr>
<td>24U743</td>
<td>HP 3/8 in x 50 ft (9.5 mm x 15 m), RTD</td>
</tr>
<tr>
<td>24Y241</td>
<td>HP 3/8 in x 50 ft (9.5 mm x 15 m), RTD with scuff guard</td>
</tr>
<tr>
<td>24K241</td>
<td>HP 3/8 in x 50 ft (9.5 mm x 15 m), RTD with Xtreme-Wrap Scuff Guard</td>
</tr>
<tr>
<td>24K395</td>
<td>HP 3/8 in x 50 ft (9.5 mm x 15 m), RTD and CAN with scuff guard</td>
</tr>
<tr>
<td>24Y395</td>
<td>HP 3/8 in x 50 ft (9.5 mm x 15 m), RTD and CAN with Xtreme-Wrap Scuff Guard</td>
</tr>
</tbody>
</table>

### Extra High Pressure, 5000 psi (345 bar, 34.5 Mpa) 3/8 in (9.5 mm) diameter

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>261332</td>
<td>XHP 3/8 in x 25 ft (9.5 mm x 7.6 mm), Thermocouple</td>
</tr>
<tr>
<td>262203</td>
<td>XHP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple</td>
</tr>
<tr>
<td>248908</td>
<td>XHP 3/8 in x 50 ft (9.5 mm x 15 m), Thermocouple with no air line</td>
</tr>
</tbody>
</table>

### Low Pressure, 2000 psi (138 bar, 13.8 Mpa) 1/2 in (12.7 mm) diameter

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>246047</td>
<td>LP 1/2 in x 50 ft (12.7 mm x 15 m), Thermocouple</td>
</tr>
<tr>
<td>246076</td>
<td>LP 1/2 in x 50 ft (12.7 mm x 15 m), Ground Wire</td>
</tr>
<tr>
<td>24N000</td>
<td>LP 1/2 in x 50 ft (12.7 mm x 15 m), RTD with scuff guard</td>
</tr>
<tr>
<td>24N001</td>
<td>LP 1/2 in x 50 ft (12.7 mm x 15 m), RTD and CAN with scuff guard</td>
</tr>
</tbody>
</table>

### High Pressure, 3500 psi (240 bar, 24.0 Mpa) 1/2 in (12.7 mm) diameter

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>246054</td>
<td>HP 1/2 in x 50 ft (12.7 mm x 15 m), Thermocouple</td>
</tr>
<tr>
<td>261335</td>
<td>HP 1/2 in x 50 ft (12.7 mm x 15 m), Ground Wire</td>
</tr>
<tr>
<td>256548</td>
<td>HP 1/2 in x 50 ft (12.7 mm x 15 m), Thermocouple with scuff guard</td>
</tr>
<tr>
<td>24N002</td>
<td>HP 1/2 in x 50 ft (12.7 mm x 15 m), RTD with scuff guard</td>
</tr>
<tr>
<td>24N003</td>
<td>HP 1/2 in x 50 ft (12.7 mm x 15 m), RTD and CAN with scuff guard</td>
</tr>
</tbody>
</table>

### Extra High Pressure, 5000 psi (345 bar, 34.5 Mpa) 1/2 in (12.7 mm) diameter

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>24K207</td>
<td>FTS Kit with Resistance Temperature Detector</td>
</tr>
<tr>
<td>24N450</td>
<td>50 ft (15 m) Resistance Temperature Detector Cable</td>
</tr>
<tr>
<td>261669</td>
<td>FTS Kit with Thermocouple</td>
</tr>
<tr>
<td>24J395</td>
<td>50 ft (15 m) Thermocouple Cable</td>
</tr>
</tbody>
</table>

### Hose Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>24K207</td>
<td>FTS Kit with Resistance Temperature Detector</td>
</tr>
<tr>
<td>24N450</td>
<td>50 ft (15 m) Resistance Temperature Detector Cable</td>
</tr>
<tr>
<td>261669</td>
<td>FTS Kit with Thermocouple</td>
</tr>
<tr>
<td>24J395</td>
<td>50 ft (15 m) Thermocouple Cable</td>
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</table>
### Graco Guns - Technical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Liquid-Purge</th>
<th>Air-Purge</th>
<th>Mechanical-Purge</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Materials Sprayed</strong></td>
<td>Foam and coatings</td>
<td>Foam and coatings</td>
<td>Foam and coatings</td>
</tr>
<tr>
<td><strong>Max Output</strong></td>
<td>25 lb/min (11.3 kg/min)</td>
<td>50 lb/min (22.7 kg/min)</td>
<td>40 lb/min (18 kg/min)</td>
</tr>
<tr>
<td><strong>Min Output</strong></td>
<td>&lt; 1 lb/min (&lt;0.45 kg/min)</td>
<td>3 lb/min (1.4 kg/min)</td>
<td>2 lb/min (0.9 kg/min)</td>
</tr>
<tr>
<td><strong>Max Working Fluid Pressure</strong></td>
<td>3500 psi (240 bar, 24.0 MPa)</td>
<td>3500 psi (240 bar, 24.0 MPa)</td>
<td>3500 psi (240 bar, 24.0 MPa)</td>
</tr>
<tr>
<td><strong>Max Working Air Inlet Pressure</strong></td>
<td>130 psi (9 bar, 0.9 MPa)</td>
<td>130 psi (9 bar, 0.9 MPa)</td>
<td>130 psi (9 bar, 0.9 MPa)</td>
</tr>
<tr>
<td><strong>Max Fluid Temperature</strong></td>
<td>200°F (93°C)</td>
<td>200°F (93°C)</td>
<td>200°F (93°C)</td>
</tr>
<tr>
<td><strong>Weight (with manifold)</strong></td>
<td>2.75 lb (1.25 kg)</td>
<td>3.26 lb (1.45 kg)</td>
<td>3.0 lb (1.36 kg)</td>
</tr>
<tr>
<td><strong>Air inlet size</strong></td>
<td>1/4 NPT quick disconnect nipple</td>
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</tr>
<tr>
<td><strong>Gun Dimensions</strong></td>
<td>6.5 x 8.1 x 3.6 in (165.5 x 206.0 x 9.1 cm)</td>
<td>6.8 x 8.7 x 3.5 in (173.4 x 221.0 x 8.9 cm)</td>
<td>7.8 x 8.1 x 3.1 in (198.3 x 206.0 x 7.8 cm)</td>
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</tr>
<tr>
<td><strong>Applications</strong></td>
<td>Residential foam insulation, roofing, other polyurethane foams and elastomeric coatings</td>
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</tr>
<tr>
<td><strong>Materials</strong></td>
<td>(Resin) inlet size</td>
<td>UNF swivel</td>
<td>UNF swivel</td>
</tr>
<tr>
<td><strong>O-rings</strong></td>
<td>Aluminum, stainless steel, plated carbon steel, brass, chemically resistant O-rings</td>
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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

ClearShot Cartridge

• Keeps mix chamber clear

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

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
### Fusion CS Ordering Information

<table>
<thead>
<tr>
<th>Fusion CS Gun, Round</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS20RD RD0202 (00) round mix chamber (.020 orifice size)</td>
</tr>
<tr>
<td>CS00RD RD0000 (00) round mix chamber (.029 orifice size)</td>
</tr>
<tr>
<td>CS01RD RD0101 (01) round mix chamber (.042 orifice size)</td>
</tr>
<tr>
<td>CS02RD RD0202 (02) round mix chamber (.052 orifice size)</td>
</tr>
<tr>
<td>CS03RD RD0303 (03) round mix chamber (.060 orifice size)</td>
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</table>

<table>
<thead>
<tr>
<th>Fusion CS Gun, Wide Round</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS22WD WD2222 wide mix chamber (.022 orifice size)</td>
</tr>
<tr>
<td>CS00WD WD0000 wide mix chamber (.028 orifice size)</td>
</tr>
<tr>
<td>CS01WD WD0101 wide mix chamber (.039 orifice size)</td>
</tr>
<tr>
<td>CS02WD WD0202 wide mix chamber (.046 orifice size)</td>
</tr>
<tr>
<td>CS03WD WD0303 wide mix chamber (.057 orifice size)</td>
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</tbody>
</table>

<table>
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<tr>
<th>Fusion CS Parts</th>
</tr>
</thead>
<tbody>
<tr>
<td>256385 ClearShot Liquid Cartridges - pack of 25</td>
</tr>
<tr>
<td>256386 ClearShot Liquid Cartridges - pack of 50</td>
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<tr>
<td>256387 ClearShot Liquid Cartridges - pack of 100</td>
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<tr>
<td>117773 Fusion lube (248280 - pack of 10)</td>
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<tr>
<td>118685 Fusion lube (248279 - pack of 10)</td>
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<tr>
<td>246357 Gun filter, 40 mesh - pack of 10</td>
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<tr>
<td>246358 Gun filter, 60 mesh - pack of 10</td>
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<tr>
<td>246359 Gun filter, 80 mesh - pack of 10</td>
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<tr>
<td>248132 Fluid housing O-ring, large - pack of 6</td>
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<tr>
<td>248648 Fluid housing O-ring, mix chamber - pack of 6</td>
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<tr>
<td>256414 Cover retainer kit - pack of 5</td>
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<tr>
<td>256415 Front cover, round kit - pack of 5</td>
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<tr>
<td>256416 Front cover, tip kit - pack of 5</td>
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<tr>
<td>256454 Air piston kit</td>
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<tr>
<td>256455 Spool valve kit</td>
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<tr>
<td>256456 Variable flow kit</td>
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<tr>
<td>256457 Front end replacement kit</td>
</tr>
<tr>
<td>256459 A Side valve kit</td>
</tr>
<tr>
<td>256460 B Side valve kit</td>
</tr>
<tr>
<td>256461 Fluid head checks kit</td>
</tr>
<tr>
<td>256462 Hose manifold checks kit</td>
</tr>
<tr>
<td>256463 Side seal housings kit</td>
</tr>
<tr>
<td>256464 Side seals kit</td>
</tr>
<tr>
<td>256465 Hose manifold kit</td>
</tr>
<tr>
<td>256466 Polycarb alloy seals kit, pack of 2</td>
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<tr>
<td>256468 Hose manifold check O-rings kit</td>
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<tr>
<td>256470 Air piston O-ring kit</td>
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<td>256471 Fluid head O-ring kit</td>
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<td>256472 Back cap O-ring kit</td>
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<td>256467 Side seal O-rings - pack of 6</td>
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<td>256468 Side seal housing O-rings - pack of 6</td>
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<tr>
<td>256489 Polycarb alloy seals kit, pack of 20</td>
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<td>256490 Complete O-rings repair kit</td>
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<tr>
<td>256510 Fusion CS solvent flush kit</td>
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<td>256526 Fusion CS gun clean out drill kit</td>
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<td>256566 Fusion CS recirc manifold kit</td>
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<tr>
<td>256567 Tip retainer kit</td>
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<tr>
<td>256569 Fusion CS tip kit</td>
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<tr>
<td>256570 Fusion CS stud wall tip kit</td>
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<tr>
<td>256640 O-ring, fluid head checks kit - pack of 6</td>
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<tr>
<td>256641 Fusion CS flush manifold kit</td>
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### Fusion CS Parts - continued

<table>
<thead>
<tr>
<th>Fusion CS Parts</th>
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<tbody>
<tr>
<td>258996 CS Adapter Block, used with AP hose manifold</td>
</tr>
<tr>
<td>256542 Inlet cover kit</td>
</tr>
<tr>
<td>256650 TP100 seals - pack of 5</td>
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<tr>
<td>256651 Stud wall tip seals - pack of 5</td>
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<tr>
<td>256771 Check valve O-ring, radial - pack of 6</td>
</tr>
<tr>
<td>256772 Air piston O-ring, small - pack of 6</td>
</tr>
<tr>
<td>256773 Fluid housing O-ring, small - pack of 6</td>
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<tr>
<td>256774 Variable flow O-ring - pack of 6</td>
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<tr>
<td>256775 Air piston O-ring, large - pack of 6</td>
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<tr>
<td>256923 Side seal springs - pack of 10</td>
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<tr>
<td>256977 Studwall retainer kit / TP 100</td>
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<tr>
<td>256978 Studwall housing kit / TP 100</td>
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<tr>
<td>257142 Polycarb alloy side seal housing kit</td>
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<tr>
<td>257419 Check valve spring - pack of 10</td>
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<tr>
<td>257420 Check ball - pack of 10</td>
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<tr>
<td>257421 Check valve retainer - pack of 10</td>
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<tr>
<td>257422 Check valve kit, Fusion CS (ISO)</td>
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<tr>
<td>257423 Check valve kit, Fusion CS (resin)</td>
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<tr>
<td>257424 Dosing piston with O-rings</td>
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<tr>
<td>257426 Variable flow O-ring kit - pack of 6</td>
</tr>
<tr>
<td>257427 Check valve housing (ISO) - pack of 10</td>
</tr>
<tr>
<td>257428 Check valve housing (resin) - pack of 10</td>
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</table>

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

<table>
<thead>
<tr>
<th>Fusion CS Mix Chamber Kits</th>
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<tbody>
<tr>
<td>FL2020 Fusion CS 2020 flat mix chamber kit</td>
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<tr>
<td>FL0000 Fusion CS 2929 flat mix chamber kit</td>
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<tr>
<td>FL0101 Fusion CS 4242 flat mix chamber kit</td>
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<tr>
<td>FL0202 Fusion CS 5252 flat mix chamber kit</td>
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<tr>
<td>RD0202 Fusion CS 2020 round mix chamber kit</td>
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<tr>
<td>RD0000 Fusion CS 2929 round mix chamber kit</td>
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<td>RD0101 Fusion CS 4242 round mix chamber kit</td>
</tr>
<tr>
<td>RD0202 Fusion CS 5252 round mix chamber kit</td>
</tr>
<tr>
<td>RD0303 Fusion CS 6060 round mix chamber kit</td>
</tr>
<tr>
<td>WD2222 Fusion CS 2222 wide mix chamber kit</td>
</tr>
<tr>
<td>WD0000 Fusion CS 2828 wide mix chamber kit</td>
</tr>
<tr>
<td>WD0101 Fusion CS 3939 wide mix chamber kit</td>
</tr>
<tr>
<td>WD0202 Fusion CS 4846 wide mix chamber kit</td>
</tr>
<tr>
<td>WD0303 Fusion CS 5757 wide mix chamber kit</td>
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### Fusion CS Replacement Parts Kit

<table>
<thead>
<tr>
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<tr>
<td>24X573 Fusion CS Parts Kit, complete with refillable case</td>
</tr>
</tbody>
</table>
**Air Purge Guns**

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

- **Hand Tightened Front Cap**
  - Clean and maintain seals and mix chamber without tools

- **Check Valves with Screens**
  - Cartridge design for easy maintenance

- **Cyclone-Mix® Chamber**
  - Precision machined, hardened stainless steel construction for longer life

- **Durable Side Seals**
  - Rugged stainless steel or PolyCarbolloy construction for longer life

- **Quick-Release Fluid Housing**
  - Easily change mix chambers without tools

- **Variable Flow Cap**
  - The variable flow cap allows you to quickly change the output of the gun without changing the mix chamber. The cap provides 10 different flow settings ranging from full output to a limited stream of material. Part number 250632.
  *Not included with gun, can be added separately as an accessory.

- **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.

- **Air Piston**
  - Powerful on/off actuation

- **Safety Stop**
  - Manual on/off

- **Ergonomic Handle**
  - Smooth curved handle improves operator comfort and reduces fatigue
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)
- 246117 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)
- 246085 AR8686 (05) mix chamber (.086 orifice size)
- 249529 AW3939 (01) round pattern
- 249530 AW4646 (02) round pattern
- 248408 Adhes/spatter gun for fleeceback roofing sys.
- 249525 Stud wall gun w/AF4242 and FTM79
- 249526 Stud wall gun w/AF5252 and FTM79

**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 - Chromo-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
- 249098 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 FT0824 flat tip
- 247108 AF2020 mix chamber with FT0838 flat tip
- 247111 AF2029 mix chamber with FT0424 flat tip
- 247112 AF2029 mix chamber with FT0438 flat tip
- 247113 AF2029 mix chamber with FT0624 flat tip
- 247114 AF2029 mix chamber with FT0638 flat tip
- 247117 AF2029 mix chamber with FT0824 flat tip
- 247118 AF2029 mix chamber with FT0838 flat tip
- 247121 AF2424 mix chamber with FT0424 flat tip
- 247122 AF2424 mix chamber with FT0438 flat tip
- 247123 AF2424 mix chamber with FT0624 flat tip
- 247124 AF2424 mix chamber with FT0638 flat tip
- 247127 AF2429 mix chamber with FT0424 flat tip
- 247128 AF2429 mix chamber with FT0438 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 FT0824 flat tip
- 247138 AF5252 mix chamber with FT0838 flat tip

**Tips, Flat**
- FT0424 Low fluid flow, 8 to 10 in tip pattern
- FT0438 Medium fluid flow, 8 to 10 in tip pattern
- FT0624 Low fluid flow, 12 to 14 in tip pattern

**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, AF2020
  - 248377 Auto Fusion AP, round, AF4242
  - 248378 Auto Fusion AP, round, AF5252
  - 248379 Auto Fusion AP, round, AF6060
  - 248380 Auto Fusion AP, flat, AF2020, FT0424
  - 248381 Auto Fusion AP, flat, AF2029, FT0438
  - 248382 Auto Fusion MP, round, DI, XF3929, RTM040
  - 248383 Auto Fusion MP, round, DI, XR3535, RTM040
  - 248384 Auto Fusion MP, flat, DI, FX3133, FTM317
  - 248385 Auto Fusion MP, flat, DI, FX1818, FTM242
  - 248386 Auto Fusion MP, round, MR3535, RTO40
  - 248387 Auto Fusion MP, round, MR6757, RTO072
  - 248647 Fusion - Automatic Fusion - Solvent-Purge

**Gun Parts and Accessories**
- 158772 1/8 in x 18 in air hose, attaches gun to whip hose
- 150234 Flat tip cleaning tool
- 158210 Air cap, round pattern, for Fusion Air-Purge Gun
- 158801 Air cap, flat pattern, for Fusion Air-Purge Gun
- 158965 Ball valve
- 158617 Gun flush manifold block
- 152546 Fusion gun cleaning kit
- 115709 1/4 in male quick disconnect, air
- 117510 1/4 in 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 tube, 4 oz tube (248279 - pack of 10)
- 119386 Drill bit kit, 20 piece, .61 - .81
- 244914 Air-Purge gun cover kit, pack of 10

**Gun and Accessories**
- 246012 Fluid manifold assembly

**Extension Tips Kit**
- 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
- 248528 Fusion Air-Purge pour adapter kit
- 256362 Variable flow cap

**Replacement Parts Kit**
- 24W849 Fusion AP Parts Kit, complete - refillable case
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.

Safety Stop
- Manual on/off

Redisigned Side Blocks
- Quick filter screen change-outs without removing sideblocks
- Easier maintenance

Grease Fitting
- For quick daily maintenance

Two Piece Mix Chamber
- Easily replace the mix chamber insert instead of the entire chamber
- Designed to reduce downtime

Powerful Dual Air Piston
- Responsive trigger action - double piston design provides more than 300 lbs (136 kg) of triggering force
- Provides strong actuation force
- Increases mix chamber on/off force

Ergonomic Handle and Balanced Design
- Comfortable, compact and lightweight
Propler P2 Ordering Information

Propler P2 Gun Parts and Accessories

GC1703 P2 recirculation kit
GC1892 P2 Elite conversion kit
GC1937 P2 standard repair kit
GC1938 P2 flat spray kit
GC1946 Side seal kit
GC1947 P2 00-03 gun hardware kit
GC1948 P2 AA gun hardware kit
GC1949 P2 04-05 gun hardware kit
GC1950 Premium repair kit
GC1952 P2 0.059 jet nozzle
GC1953 P2 0.07 jet nozzle
GC1954 P2 pour cap
GC1955 P2 LP/HP static mixer adapter
GC1956 P2 static mixer assembly (non-nucleated)
GC1957 P2 16-in stud wall spray tip
GC1958 P2 24-in stud wall spray tip
GC1959 P2 delay plug
GC1966 P2 delayed air purge gun assembly
GC1967 P2 dispense counter assembly
GC1968 P2 stroke signal tee counter
GC2494 P2 seal kit
GC2495 P2 seal housing kit
GC2496 P2 40 mesh filter kit
GC2497 P2 100 mesh filter kit
GC2498 P2 side seal kit
GC2499 P2 handle kit
GC2500 P2 round 00 mix chamber kit
GC2501 P2 round 01 mix chamber kit
GC2502 P2 round 02 mix chamber kit
GC2503 P2 round 03 mix chamber kit
GC2504 P2 round 04 mix chamber kit
GC2505 P2 round 05 mix chamber kit
GC2506 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
GC2516 Mix chamber AA insert kit
257988 P2 Elite chopper attachment, B-410
257989 P2 Elite chopper attachment, B-510

Propler 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
GC2506 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
GC2516 Mix chamber AA insert kit
257988 P2 Elite chopper attachment, B-410
257989 P2 Elite chopper attachment, B-510

Propler P2 Replacement Parts Kit

24X574 Propler P2 Parts Kit, complete with refillable case
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.
Fusion MP Guns, DI, Flat

- Fusion MP direct impingement, flat pattern XF1313, FTM317
- Fusion MP direct impingement, flat pattern XF2929, FTM424
- Fusion MP direct impingement, flat pattern XF4747, FTM624
- Fusion MP direct impingement, flat pattern XF5757, FTM624
- Fusion MP standard, flat pattern MF2929, FTM38
- Fusion MP standard, flat pattern MF4747, FTM38
- Fusion MP standard, flat pattern MF3535, FTM38
- Fusion MP standard, flat pattern MF2929, FTM424
- Fusion MP standard, flat pattern MF5757, FTM38
- Fusion MP standard, flat pattern MF1818, FTM424

Fusion MP Guns, DI, Round

- Fusion MP direct impingement, round pattern XR3535, RTM055
- Fusion MP direct impingement, round pattern XR4747, RTM040
- Fusion MP direct impingement, round pattern XR4747, RTM055
- Fusion MP direct impingement, round pattern XR5757, RTM055
- Fusion MP direct impingement, round pattern XR2929, RTM055
- Fusion MP direct impingement, round pattern XR2929, RTM040
- Fusion MP direct impingement, round pattern XR2323, RTM040
- Fusion MP direct impingement, round pattern XR2323, RTM040
- Fusion MP direct impingement, round pattern XR2323, RTM055

Fusion MP Guns, Standard, Round

- Fusion MP standard, round pattern MR3535, RTM055
- Fusion MP standard, round pattern MR3535, RTM040
- Fusion MP standard, round pattern MR4747, RTM040
- Fusion MP standard, round pattern MR4747, RTM055
- Fusion MP standard, round pattern MR6666, RTM080
- Fusion MP standard, round pattern MR6666, RTM090
- Fusion MP standard, round pattern MR6666, RTM090
- Fusion MP standard, round pattern MR8282, RTM100
- Fusion MP standard, round pattern MR8282, RTM100
- Fusion MP standard, round pattern MR9494, RTM100
- Fusion MP standard, round pattern MR9494, RTM110

Fusion MP Mix Modules

- Standard mix module, flat
- Standard mix module, flat
- Standard mix module, round
- Standard mix module, round
- Standard mix module, round
- Standard mix module, round
- Standard mix module, round
- Standard mix module, flat
- Direct impingement mix module, flat
- Direct impingement mix module, flat
- Direct impingement mix module, flat
- Direct impingement mix module, flat
- Direct impingement mix module, flat
- Direct impingement mix module, flat
- Direct impingement mix module, flat

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, medium flow
- FTM638 Kit, flat tip, mechanical-purge, 12 in (305 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)
- 248692 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
- 256217 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 2/60 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
- 296388 Single piece valving rod
- 296698 Fan tip 202
- 296700 Fan tip 204
- 296701 Fan tip 206
- 296702 Fan tip 208
- 296793 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
- 296866 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)
- 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, #6
- 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 0-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
- 296865 Round module 402
- 296884 Round module 402, pack of 12
- 296859 Fan module 451
- 296866 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
- 296850 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
- 296638 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
- 296814 Check Valve-A, D-Gun, pack of 10
- 296815 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
- 296338 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 MP**: MR = Mechanical (purge) Round Mix Chamber, XR = Direct Impinge Round, RIM = Round Tip Mechanical (double)
- **Fusion AP**: AR = Air (purge) Round Mix Chamber, AW = Air (purge) Flat Mix Chamber, AF = Air Flat Mix Chamber
- **Fusion MP Flat**: MR = Mechanical (purge) Flat Mix Module
- **Fusion CS or Fusion AP**: Flat Tip
- **Fusion CS Round**: Fan Pattern Width = 8 in
- **Fusion MP Round**: Fan Pattern Width = 8 in
- **Fusion CS Flat Tip**: Fan Pattern Width = 8 in
- **Fusion CS Round Mix Chamber**: First 02 = "A" (ISO) Chamber Size, Second 02 = "B" (RES) Chamber Size
- **Fusion MP Flat Mix Chamber**: First 02 = "A" (ISO) Chamber Size, Second 02 = "B" (RES) Chamber Size

### Chamber/orifice conversion

Use this conversion chart to convert the chamber size to the orifice size.

<table>
<thead>
<tr>
<th>Chamber Size</th>
<th>Orifice Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>0.020</td>
</tr>
<tr>
<td>00</td>
<td>0.029</td>
</tr>
<tr>
<td>01</td>
<td>0.042</td>
</tr>
<tr>
<td>02</td>
<td>0.052</td>
</tr>
<tr>
<td>03</td>
<td>0.060</td>
</tr>
<tr>
<td>04</td>
<td>0.070</td>
</tr>
<tr>
<td>05</td>
<td>0.086</td>
</tr>
</tbody>
</table>

### Tip Orifice Size

- **FT0438**: Fusion CS or Fusion AP Flat Tip
  - Fan Pattern Width = 6 in (double this number)
  - Tip Orifice Size = 0.038 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 02 = "A" (ISO) Orifice Size = 0.042
  - Second 02 = "B" (RES) Orifice Size = 0.042
- **FTM424**: Fusion MP Flat Tip Mechanical
  - Fan Pattern Width = 6 in (double this number)
  - Tip Orifice Size = 0.024 in
- **RTM030**: Fusion MP Round Tip Mechanical
  - Fan Pattern Width = 6 in (double this number)
  - Tip Orifice Size = 0.030 in
- **MR 2929**: Fusion MP Mechanical Round Mix Module
  - First 29 = "A" (ISO) Orifice Size = 0.029
  - Second 29 = "B" (RES) Orifice Size = 0.029
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 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 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**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Ratio</th>
<th>Maximum Output – Air Pressure</th>
<th>Maximum Output – Fluid Pressure</th>
<th>Maximum Ambient Temp</th>
<th>Maximum Fluid Temp</th>
<th>Weight</th>
<th>Height</th>
<th>Manual Number</th>
<th>Wetted Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>2:1</td>
<td>2.5 gpm (9.5 lpm)</td>
<td>180 psi (12 bar, 1.2 MPa)</td>
<td>120°F (49°C)</td>
<td>190°F (88°C)</td>
<td>18 lb</td>
<td>51.5 in</td>
<td>312766</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>T2</td>
<td>2.25:1</td>
<td>5.0 gpm (19 lpm)</td>
<td>180 psi (12 bar, 1.2 MPa)</td>
<td>120°F (49°C)</td>
<td>190°F (88°C)</td>
<td>21 lb</td>
<td>54 in</td>
<td>311882</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>T3 SST</td>
<td>3:1</td>
<td>4.5 gpm (17 lpm)</td>
<td>100 psi (6.9 bar, 0.69 MPa)</td>
<td>120°F (49°C)</td>
<td>190°F (88°C)</td>
<td>22 lb</td>
<td>50.3 in</td>
<td>3A5180</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>T3 CS</td>
<td>3:1</td>
<td>4.5 gpm (17 lpm)</td>
<td>100 psi (6.9 bar, 0.69 MPa)</td>
<td>120°F (49°C)</td>
<td>190°F (88°C)</td>
<td>22 lb</td>
<td>50.3 in</td>
<td>3A5180</td>
<td>Carbon Steel</td>
</tr>
</tbody>
</table>

**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.
## Transfer Pumps and Agitator Kits Ordering Information

### Supply Pumps with Drum Riser Tube

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>256200</td>
<td>T1 2:1 ratio piston pump for higher viscosity materials, 360 psi max fluid psi, 2.5 gpm @ 100 cpm</td>
</tr>
<tr>
<td>295616</td>
<td>T2 2:1 ratio piston pump for higher viscosity materials, 405 psi max fluid psi, 5.0 gpm @ 100 cpm</td>
</tr>
<tr>
<td>26A304</td>
<td>T3 (stainless steel) 3:1 ratio piston pump for higher viscosity materials, 315 psi max fluid psi, 4.5 gpm @ 100 cpm</td>
</tr>
<tr>
<td>242834</td>
<td>T3 (carbon steel) 3:1 ratio piston pump for higher viscosity materials, 315 psi max fluid psi, 4.5 gpm @ 100 cpm</td>
</tr>
<tr>
<td>246654</td>
<td>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</td>
</tr>
<tr>
<td>246366</td>
<td>Husky 515 diaphragm pump, acetal bolted design, 100 psi max air inlet, 7.5 gpm @ 60 cpm, 3 cfm per gpm</td>
</tr>
<tr>
<td>246367</td>
<td>Husky 716 diaphragm pump, aluminum clamped design, 100 psi max air inlet, 7.5 gpm @ 60 cpm, 3 cfm per gpm</td>
</tr>
<tr>
<td>246368</td>
<td>Husky 1050 diaphragm pump for trailer mounts – aluminum, bolted, wall mount, 125 psi max air inlet, 9 gpm @ 60 cpm</td>
</tr>
<tr>
<td>248825</td>
<td>5:1 Monark® drum pump, for high viscosity materials, 900 psi max fluid psi, 10 ft (3 m) hose, 3/4 npt (m), air regulator, manual</td>
</tr>
</tbody>
</table>

### Two Supply Pumps with Fluid Plumbing

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>247956</td>
<td>T1 pumps with supply hoses</td>
</tr>
<tr>
<td>246898</td>
<td>T2 pumps with supply hoses</td>
</tr>
<tr>
<td>242988</td>
<td>T3 (stainless steel) pumps with supply hoses</td>
</tr>
<tr>
<td>25D296</td>
<td>T3 (carbon steel) pumps with supply hoses</td>
</tr>
<tr>
<td>246677</td>
<td>Triton 308 (246654), 10 ft x 3/4 in (3 m x 19 mm) supply hose</td>
</tr>
<tr>
<td>246481</td>
<td>Husky 515 (246366), 10 ft x 3/4 in (3 m x 19 mm) supply hose</td>
</tr>
<tr>
<td>246482</td>
<td>Husky 716 (246367), 10 ft x 3/4 in (3 m x 19 mm) supply hose</td>
</tr>
<tr>
<td>246676</td>
<td>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</td>
</tr>
</tbody>
</table>

### Complete Supply Pump Systems

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>247955</td>
<td>Complete T1 (247956) supply pump system</td>
</tr>
<tr>
<td>246081</td>
<td>Complete T2 (246898) supply pump system</td>
</tr>
<tr>
<td>242987</td>
<td>Complete T3 (stainless steel) supply pump system</td>
</tr>
<tr>
<td>25D295</td>
<td>Complete T3 (carbon steel) supply pump system</td>
</tr>
<tr>
<td>246655</td>
<td>Complete Triton® 308 (246677) supply pump system</td>
</tr>
<tr>
<td>246369</td>
<td>Complete Husky® 515 (246481) supply pump system</td>
</tr>
<tr>
<td>246375</td>
<td>Complete Husky 716 (246482) supply pump system</td>
</tr>
<tr>
<td>246376</td>
<td>Complete Husky 1050 (246676) supply pump system</td>
</tr>
</tbody>
</table>

### Supply Pump Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>246419</td>
<td>55 gal (208 l) feed pump tube with inlet ball check</td>
</tr>
<tr>
<td>246777</td>
<td>3/4 in (19 mm) bung return tube with air dryer port</td>
</tr>
<tr>
<td>246483</td>
<td>Air distribution kit, 120 psi (8.4 bar, 0.84 MPa) for two feed pumps and a Fusion gun</td>
</tr>
<tr>
<td>247616</td>
<td>Desiccant dryer kit</td>
</tr>
<tr>
<td>246978</td>
<td>Reactor manifold circulation kit with return tubes, return fluid lines and dryers</td>
</tr>
<tr>
<td>15C381</td>
<td>Desiccant replacement</td>
</tr>
<tr>
<td>24N451</td>
<td>T2/T3 pump tote extender</td>
</tr>
<tr>
<td>26C589</td>
<td>T3 tapered lower conversion kit</td>
</tr>
<tr>
<td>26A699PKG</td>
<td>Kit, Bung adapter, easy removal, SST, for use with T2 and T3 pumps</td>
</tr>
</tbody>
</table>

### Agitators

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>26C150</td>
<td>Expandable blade mixer, extended shaft, high viscosity, up to 2000 centipoise</td>
</tr>
<tr>
<td>26C818</td>
<td>Expandable blade mixer, extended shaft, low viscosity, up to 1000 centipoise</td>
</tr>
<tr>
<td>17V342</td>
<td>Extended shaft and blade kit or retrofit existing agitators</td>
</tr>
<tr>
<td>224854</td>
<td>Twistork CS, air-operated, 1-1/2 HP, 37.3 in (0.9 m) length</td>
</tr>
<tr>
<td>235534</td>
<td>Twistork SST, air-operated, 1-1/2 HP, 37.3 in (0.9 m) length</td>
</tr>
<tr>
<td>236292</td>
<td>Twistork SST, air-operated with built-in return tube, 3/4 HP, 47.5 in (1.2 m) in length</td>
</tr>
<tr>
<td>248824</td>
<td>Twistork CS, air-operated (224854), 1-1/2 HP, 37.3 in (0.9 m) with air hose</td>
</tr>
<tr>
<td>24G621</td>
<td>Agitator speed control</td>
</tr>
</tbody>
</table>
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.

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

* 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.)

<table>
<thead>
<tr>
<th>CONTROLLER KITS</th>
<th>MACHINE</th>
<th>VOLTS</th>
<th>TEMP UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>25M750*</td>
<td>E-8p</td>
<td>120</td>
<td>F</td>
</tr>
<tr>
<td>25M751*</td>
<td>E-10/E-10hp</td>
<td>120</td>
<td>F</td>
</tr>
<tr>
<td>25M752*</td>
<td>E-8p</td>
<td>240</td>
<td>F</td>
</tr>
<tr>
<td>25M753*</td>
<td>E-10/E-10hp</td>
<td>240</td>
<td>F</td>
</tr>
<tr>
<td>25M754*</td>
<td>E-8p</td>
<td>240</td>
<td>C</td>
</tr>
<tr>
<td>25M755*</td>
<td>E-10/E-10hp</td>
<td>240</td>
<td>C</td>
</tr>
</tbody>
</table>

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

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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!

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