



# FUSION™

Plural-component spray guns designed for reduced maintenance, less downtime and increased productivity.



PROTECTIVE COATINGS

PROVEN QUALITY. LEADING TECHNOLOGY.

# A Revolution in Plural Component Spray Guns

FUSION SPRAY GUNS

Graco's Fusion plural-component spray guns apply everything from polyurea and polyurethane coatings to spray foam. The new Fusion guns are designed for less maintenance and downtime, longer life and a better mix.

## Use Fusion for:

- Polyurea Coatings
- Foam
- Polyurethane Coatings
- Adhesives

# FUSION

## Air-Purge Gun

### The Easiest to Use Gun on the Market!

- Easy-to-use with no adjustments
- Longer life with all hardened SST wear components
- Fewer parts and less maintenance



## Increased Performance and Productivity

So Easy-to-Use, You'll Never Want to Own Another Gun!

- ▶ Less maintenance and downtime
- ▶ Sprays longer with less clogging
- ▶ Reduced clean-up time
- ▶ Longer life components



## Mechanical-Purge Gun

### The Best Mix on the Market!

- Superior mixing
- Smoother finish and better atomization
- Widest range of flow rates
- Low output thin mil applications



# Fusion Air-Purge [AP] - Plural Component Spraying Made Easy

## Easy-to-Service

- Hand-tight connections reduce the need for tools, making maintenance quick and easy



## Sprays Longer

- Get longer life and do less maintenance with Fusion's hardened stainless steel mix chambers and side seals
- Solvent resistant components allow you to soak the whole gun with no swelling or damage



## Daily Maintenance in 10 Seconds Flat!

- Quick-Shot grease port reduces end-of-day maintenance to seconds

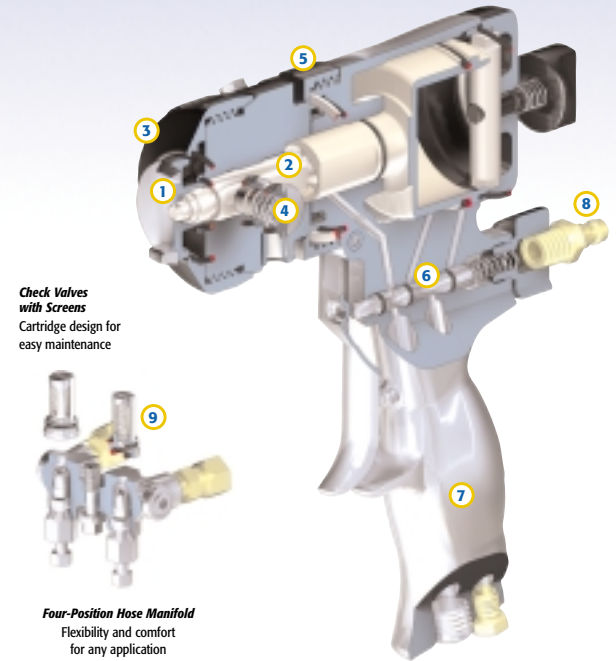


“Maintenance on the Fusion Gun is minimal. I've sprayed three barrel sets with the new gun and haven't had to tear it down once. There hasn't been any leaking and it still has the original seals in it.”

Chris Ewals  
President - Truck Bed-lining Company  
Plymouth, MN

## AIR-PURGE GUN

- 1. Air-Blast Tip Cleaning**  
Reduces build-up and tip clogging
- 2. Cyclone-Mix™ Chamber**  
Stainless steel construction for longer life
- 3. Hand-Tight Front Cap**  
Allows no tool cleaning and maintenance for mix chamber and seals
- 4. Durable SST Side Seals**  
Rugged stainless steel construction for longer life
- 5. Quick-Release Fluid Housing**  
Easily change mix chambers with no tools
- 6. Cartridge Air-Valve**  
Only three O-rings means less parts and less maintenance
- 7. Ergonomic Handle**  
Smooth curved handle improves operator comfort and reduces fatigue
- 8. Air-Operated Gun**  
Two-position air inlet provides flexibility and comfort
- 9. Inside-Out Filtration**  
Increases filtration area and is easy to remove

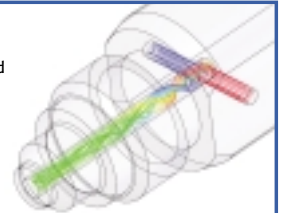


## Improved Mixing and Spray Pattern

- **Advanced mix chamber engineering optimizes material mix and reduces overspray**
- **Revolutionary Flat Tip performance:**
  - Dramatically reduces clogging compared to competitive air-purge guns
  - Smoother finish
  - No "fingers" or "tails"

### Cyclone-Mix Chambers

Advanced Computational Fluid Dynamics (CFD) is used to demonstrate fluid flow and mixing as it moves through the Fusion AP spray gun mix chamber.



# Fusion Mechanical-Purge [MP] - Revolutionary spray gun technology

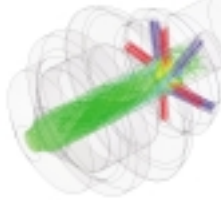
## Improved Mixing & Better Physical Properties

- Advanced mix module and tip design provides the best mix and material properties of any gun on the market!



### PolyCarballoy™ Mix Module

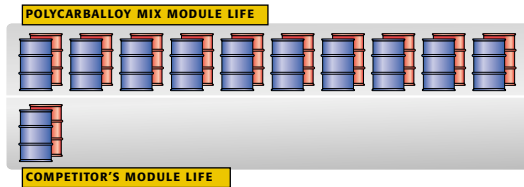
Advanced Computational Fluid Dynamics (CFD) is utilized to demonstrate fluid flow and mixing as it moves through the Fusion MP mix module and tip.



## Spray Longer!

- PolyCarballoy mix modules last 10 times longer than the competition
- CeramTip™ lasts 4 times longer than the competition and is easier to change
- Significantly reduces repair and maintenance costs

Sprays **10 times** more material!



## Easy Maintenance

- Easy-to-use design makes maintenance quick and easy

# 1

Remove the front cap for easy access to the CeramTip

# 2

Remove the PolyCarballoy mix module using the front cap

# 3

Fewer parts, less maintenance

## MECHANICAL-PURGE GUN

- PolyCarballoy™ Mix Module**  
Lasts 10 times longer than competitive modules
- CeramTip**  
Lasts 4 times longer than competitors'
- Purge Rod**  
One piece rod for longer life
- Adjustable Front Packing**
- Setting the Purge Rod**
  - Eliminates complex purge rod adjustment
  - One step sets the purge rod and you're ready to spray
- Cartridge Air-Valve**  
Only three O-rings means less parts, less maintenance
- Ergonomic Handle**  
Smooth curved handle improves operator comfort and reduces fatigue
- Air-Operated Gun**  
Two-position air inlet provides flexibility and comfort
- In-Line Fluid Housing**  
Eliminates gun flexing and premature wear
- Inside-Out Filtration**  
Increases filtration area and is easy to remove

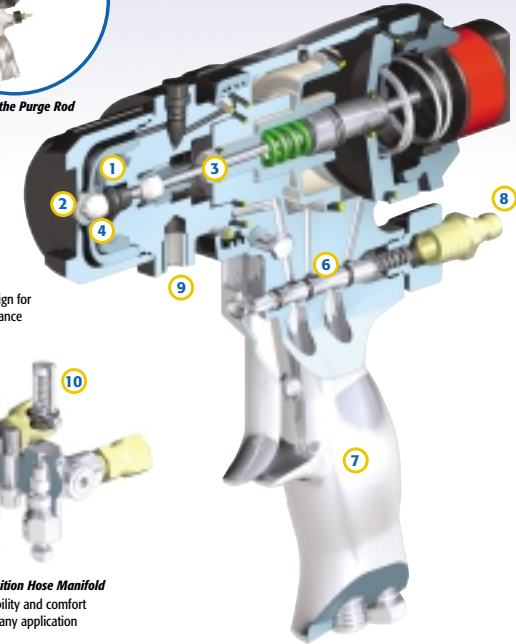


Setting the Purge Rod

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

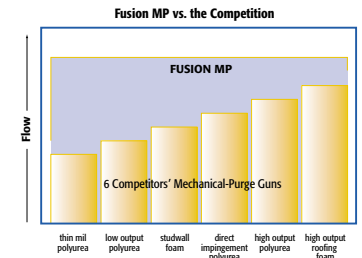


Four Position Hose Manifold  
Flexibility and comfort for any application



## Fusion MP Does it All

- The Fusion MP can go from very low output, thin mil applications to large, high flow, high output applications just by changing the mix module and tip
- One Fusion MP gun will do everything the 6 competitive mechanical purge guns can do and more



# Fusion Air-Purge

## Mix Chamber and Tip Selection Guide



Select the right flat pattern mix chamber for your required flow

Selection Key:

**AF** | **42 42** | **(01)**  
 air-purge flat | "A" orifice size | equivalent size  
 "B" orifice size

Select the right flat tip for your application

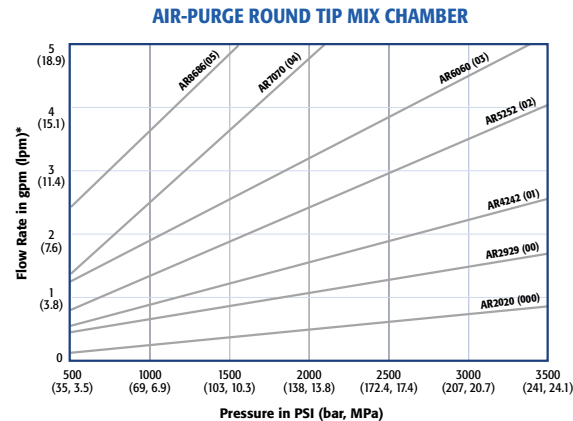
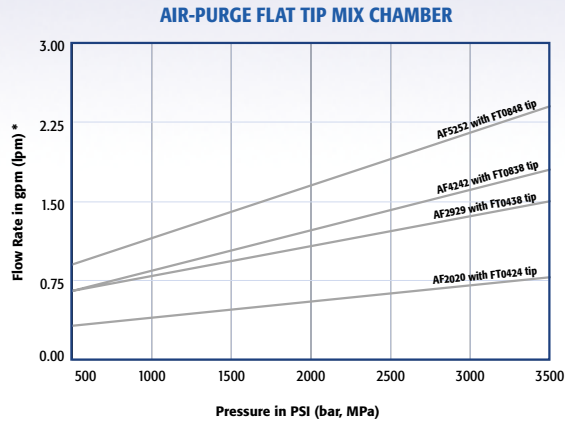
Selection Key:

**FT** | **04 38**  
 air-purge flat tip | double for fan pattern width (8")  
 tip orifice size (.038")

Select the right round pattern mix chamber for your required flow

Selection Key:

**AR** | **42 42** | **(01)**  
 air-purge round | "A" orifice size | equivalent size  
 "B" orifice size



# Fusion Mechanical-Purge

## Mix Module and Tip Selection Guide



Select the right flat pattern mix module for your required flow

Selection Key:

**MF** | **35 35**  
 mechanical-purge flat (standard) | "A" orifice size | "B" orifice size  
**XF**  
 mechanical-purge flat (direct impingement)

Select the right flat tip for your application

Selection Key:

**FTM** | **4 24**  
 mechanical-purge flat tip | double for fan pattern width (8")  
 tip orifice size (.024")

Select the right round pattern mix module for your required flow

Selection Key:

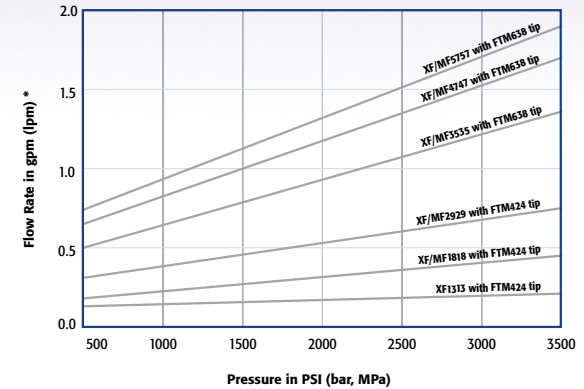
**MR** | **35 35**  
 mechanical-purge round (standard) | "A" orifice size | "B" orifice size  
**XR**  
 mechanical-purge round (direct impingement)

Select the right round tip for your application

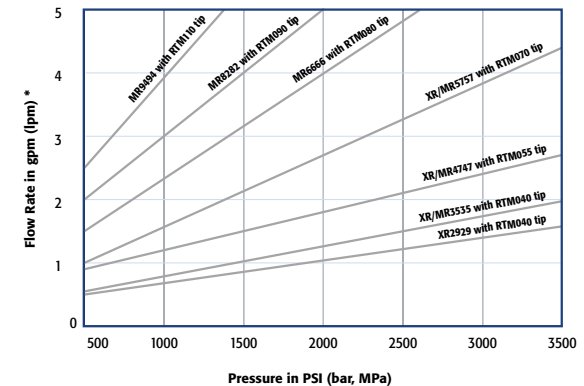
Selection Key:

**RTM** | **030**  
 mechanical-purge round tip | tip orifice size (.030")

### MECHANICAL-PURGE FLAT TIP MIX CHAMBER



### MECHANICAL-PURGE ROUND TIP MIX CHAMBER



# Return-on-Investment

# Fusion Technical Specifications

Fusion pays for itself  
in **3** months or less!

## Fusion Air-Purge

LABOR SAVINGS		COMPETITOR GUN	FUSION GUN	PARTS SAVINGS		COMPETITOR GUN	FUSION GUN
Labor Rate Per Hour	\$25	\$25		Side Seal Price	\$6	\$21	
	x	x			x	x	
Time to clean gun	30 min	5 min		Yearly Usage	104	8	
	=	=			=	=	
Labor Per Repair	\$12.50	\$2.125		Side Seal Costs	\$624	\$168	
	x	x			x	x	
Gun Cleanings Per Day	2x	1x		Mix Chamber Price	\$137	\$95	
	=	=			x	x	
Daily labor Cost	\$25	\$2.13		Yearly Usage	12	4	
	x 250 days	x 250 days			=	=	
Annual labor Cost	\$6,250	\$531		Mix Chamber Costs	\$1,644	\$380	
	=	=		Annual Mix Chamber and Side Seal Costs	\$2,268	\$548	
					x	x	
ANNUAL LABOR SAVINGS	\$5,719			ANNUAL PARTS SAVINGS	\$1,720		
TOTAL SAVINGS PER YEAR WITH FUSION	\$7,439						

## Fusion Mechanical-Purge

LABOR SAVINGS		COMPETITOR GUN	FUSION GUN	PARTS SAVINGS		COMPETITOR GUN	FUSION GUN
Labor Rate Per Hour	\$25	\$25		Mix Module Price	\$35	\$40	
	x	x			x	x	
Time to clean gun	30 min	20 min		Yearly Usage	24	3	
	=	=			=	=	
Labor Per Repair	\$12.50	\$8.33		Costs	\$840	\$120	
	x	x			x	x	
Gun Cleanings Per Day	2x	1x		Tip Price	\$65	\$50	
	=	=			x	x	
Daily labor Cost	\$25	\$8.30		Yearly Usage	36	9	
	x 250 days	x 250 days			=	=	
Annual labor Cost	\$6,250	\$2,083		Mix Chamber Costs	\$2,340	\$450	
	=	=		Annual Mix Module and Tip Costs	\$3,180	\$570	
					x	x	
ANNUAL LABOR SAVINGS	\$4,167			ANNUAL PARTS SAVINGS	\$2,610		
TOTAL SAVINGS PER YEAR WITH FUSION	\$6,777						

### AIR-PURGE TECHNICAL SPECIFICATIONS

Maximum working fluid pressure ..... 3500 psi (24.1 MPa, 241 bar)  
 Minimum working air pressure ..... 80 psi (0.56 MPa, 5.6 bar)  
 Maximum working air inlet pressure ..... 130 psi (0.9 MPa, 9 bar)  
 Maximum fluid temperature ..... 200° F (94° C)  
 Weight ..... 2.5 lb (1.13 kg)  
 Air inlet size ..... 1/4 npt quick disconnect nipple  
 A Component (ISO) inlet size ..... -5 JIC; 1/2-20 UNF swivel  
 B Component (Resin) inlet size ..... -6 JIC; 9/16-18 UNF swivel  
 Wetted parts ..... aluminum, stainless steel, plated carbon steel, carbide, brass, chemically resistant O-rings  
 Gun dimensions ..... 7.6 in (191 mm) x 8 in (206 mm) x 3.3 in (84 mm)  
 Air flow range at 100 psi (0.7 MPa, 7 bar) pressure static ..... 0.9 - 8.8 scfm (.03 - .25 m3/min)  
 Instruction manual ..... 309550



246101

### MECHANICAL-PURGE TECHNICAL SPECIFICATIONS

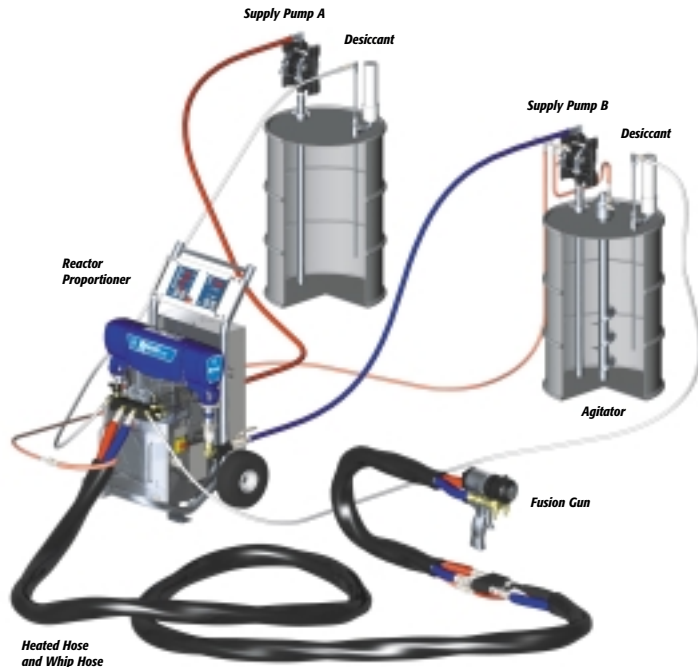
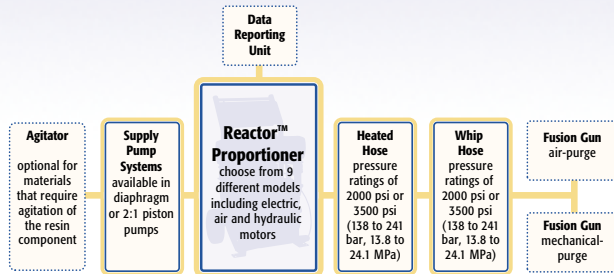
Maximum working fluid pressure ..... 3500 psi (24.1 MPa, 241 bar)  
 Minimum working air pressure ..... 80 psi (0.56 MPa, 5.6 bar)  
 Maximum working air inlet pressure ..... 130 psi (0.9 MPa, 9 bar)  
 Maximum fluid temperature ..... 200° F (94° C)  
 Weight ..... 2.9 lbs (1.32 kg)  
 Air inlet size ..... 1/4 npt quick disconnect nipple  
 A Component (ISO) inlet size ..... -5 JIC; 1/2-20 UNF swivel  
 B Component (Resin) inlet size ..... -6 JIC; 9/16-18 UNF swivel  
 Wetted parts ..... aluminum, stainless steel, plated carbon steel, polycarbonyl, carbide, brass, chemically resistant O-rings  
 Gun dimensions ..... 7.5 in (191 mm) x 8.3 in (203 mm) x 3.1 in (79 mm)  
 Air flow range at 100 psi (0.7 MPa, 7 bar) pressure static ..... 0.9 - 8.8 scfm (.03 - .25 m3/min)  
 Instruction manual ..... 309856



247012

## A Complete, High Performance System

Graco offers a complete selection of guns, proportioners, hoses, and supply pumps to complete your plural-component system. For more information, refer to the ordering information at the back of this brochure.



## A Full Line of Reactor Proportioners for Every Application

For more information on Reactor proportioners, please reference the Graco Reactor Brochure, form number 300628.

### Reactor

- Electric, air or hydraulic operation
- Applies spray foams, adhesives, polyurea and other high-performance coatings
- 2000 psi (138 bar, 13.8 MPa)
- 20 to 50 lbs/min output (9.1 to 22.7 kg/min)



#### AVAILABLE IN 5 MODEL CONFIGURATIONS

- Reactor E-20 - Maximum working pressure 2000 psi (138 bar, 13.8 MPa)**  
**246025** 230 volt single phase, 48 full load amps  
**246034** 230 volt three phase, 32 full load amps  
**246030** 380 volt three phase, 24 full load amps
- Reactor E-30 - Maximum working pressure 2000 psi (138 bar, 13.8 MPa)**  
**246026** 230 volt single phase, 78 full load amps  
**246035** 230 volt three phase, 50 full load amps  
**246031** 380 volt three phase, 34 full load amps
- Reactor A-25 - Maximum working pressure 2000 psi (138 bar, 13.8 MPa)**  
**246037** 230 volt single phase, 45 full load amps  
**246750** 230 volt three phase, 30 full load amps  
**246751** 380 volt three phase, 23 full load amps
- Reactor A-50 - Maximum working pressure 2000 psi (138 bar, 13.8 MPa)**  
**246038** 230 volt single phase, 85 full load amps  
**246754** 230 volt three phase, 57 full load amps  
**246755** 380 volt three phase, 43 full load amps
- Reactor H-50 - Maximum working pressure 2000 psi (138 bar, 13.8 MPa)**  
**246039** 230 volt single phase, 85 full load amps  
**246756** 230 volt three phase, 57 full load amps  
**246757** 380 volt three phase, 43 full load amps

### Reactor XP

- Electric, air or hydraulic operation
- Applies polyurea coatings, spray foams and adhesives requiring higher temperature and pressure
- 2500 to 3500 psi (172 to 241 bar, 17.2 to 24.1 MPa)
- 1 to 3.5 gpm output (3.8 to 13.3 lpm)



#### AVAILABLE IN 4 MODEL CONFIGURATIONS

- Reactor E-XP1 - Maximum working pressure 2500 psi (172 bar, 17.2 MPa)**  
**246024** 230 volt single phase, 69 full load amps  
**246033** 230 volt three phase, 43 full load amps  
**246029** 380 volt three phase, 24 full load amps
- Reactor E-XP2 - Maximum working pressure 3500 psi (241 bar, 24.1 MPa)**  
**246028** 230 volt single phase, 100 full load amps  
**246036** 230 volt three phase, 62 full load amps  
**246032** 380 volt three phase, 35 full load amps
- Reactor A-XP2 - Maximum working pressure 3000 psi (207 bar, 20.7 MPa)**  
**246639** 230 volt single phase, 63 full load amps  
**246752** 230 volt three phase, 42 full load amps  
**246753** 380 volt three phase, 22 full load amps
- Reactor H-XP3 - Maximum working pressure 3500 psi (241 bar, 24.1 MPa)**  
**246040** 230 volt single phase, 85 full load amps  
**246758** 230 volt three phase, 57 full load amps  
**246759** 380 volt three phase, 43 full load amps

## Ordering Information

### Air-Purge Gun with Round Pattern

<b>246099</b>	AR2020 (000) mix chamber (0.020 orifice size)
<b>246100</b>	AR2929 (00) mix chamber (0.029 orifice size)
<b>246101</b>	AR4242 (01) mix chamber (0.042 orifice size)
<b>246102</b>	AR5252 (02) mix chamber (0.052 orifice size)
<b>246103</b>	AR6060 (03) mix chamber (0.060 orifice size)
<b>246104</b>	AR7070 (04) mix chamber (0.070 orifice size)
<b>246105</b>	AR8686 (05) mix chamber (0.086 orifice size)

### Air-Purge Round Pattern Mix Chamber Kits

<b>AR2020</b>	(000) mix chamber with clean out drill bits
<b>AR2929</b>	(00) mix chamber with clean out drill bits
<b>AR4242</b>	(01) mix chamber with clean out drill bits
<b>AR5252</b>	(02) mix chamber with clean out drill bits
<b>AR6060</b>	(03) mix chamber with clean out drill bits
<b>AR7070</b>	(04) mix chamber with clean out drill bits
<b>AR8686</b>	(05) mix chamber with clean out drill bits

### Air-Purge Gun with Flat Pattern

<b>247101</b>	AF2020 mix chamber with FT0424 flat tip
<b>247102</b>	AF2020 mix chamber with FT0438 flat tip
<b>247107</b>	AF2020 mix chamber with FT0838 flat tip
<b>247108</b>	AF2020 mix chamber with FT0848 flat tip
<b>247111</b>	AF2929 mix chamber with FT0424 flat tip
<b>247112</b>	AF2929 mix chamber with FT0438 flat tip
<b>247117</b>	AF2929 mix chamber with FT0838 flat tip
<b>247118</b>	AF2929 mix chamber with FT0848 flat tip
<b>247121</b>	AF4242 mix chamber with FT0424 flat tip
<b>247122</b>	AF4242 mix chamber with FT0438 flat tip
<b>247127</b>	AF4242 mix chamber with FT0838 flat tip
<b>247128</b>	AF4242 mix chamber with FT0848 flat tip
<b>247131</b>	AF5252 mix chamber with FT0424 flat tip
<b>247132</b>	AF5252 mix chamber with FT0438 flat tip
<b>247137</b>	AF5252 mix chamber with FT0838 flat tip
<b>247138</b>	AF5252 mix chamber with FT0848 flat tip

### Flat Pattern Mix Chamber Kits

<b>AF2020</b>	(000) mix chamber with clean out drill bits, o-ring
<b>AF2929</b>	(00) mix chamber with clean out drill bits, o-ring
<b>AF4242</b>	(01) mix chamber with clean out drill bits, o-ring
<b>AF5252</b>	(02) mix chamber with clean out drill bits, o-ring

### Air-Purge Flat Tip Kits

<b>FT0424</b>	Low fluid flow, 8 to 10 in tip pattern*
<b>FT0438</b>	Medium fluid flow, 8 to 10 in pattern*
<b>FT0838</b>	Medium fluid flow, 16 to 18 in pattern*
<b>FT0848</b>	High fluid flow, 16 to 18 in pattern*

### Air-Purge Extension Tips

<b>248010</b>	.042" x .50" LG distance approx. 15', 10" pattern*
<b>248011</b>	.052" x .50" LG distance approx. 12', 10" pattern*
<b>248012</b>	.060" x .50" LG distance approx. 12', 12" pattern*
<b>248013</b>	.070" x .50" LG distance approx. 8', 20" pattern*
<b>248014</b>	.042" x 1.0" LG distance approx. 15', 10" pattern*
<b>248015</b>	.052" x 1.0" LG distance approx. 12', 8" pattern*
<b>248016</b>	.060" x 1.0" LG distance approx. 12', 8" pattern*
<b>248017</b>	.070" x 1.0" LG distance approx. 8', 8" pattern*
<b>248018</b>	Seal Kit (flat pack of 5)
<b>248019</b>	Seal Kit Round (pack of 5)
<b>248020</b>	Air Cap for extension tip

### Mechanical-Purge Gun with Round Pattern

<b>247006</b>	Fusion MP direct impingement, round pattern XR2929, RTM030
<b>247007</b>	Fusion MP direct impingement, round pattern XR2929, RTM040
<b>247011</b>	Fusion MP direct impingement, round pattern XR3535, RTM030
<b>247012</b>	Fusion MP direct impingement, round pattern XR3535, RTM040
<b>247013</b>	Fusion MP direct impingement, round pattern XR3535, RTM055
<b>247018</b>	Fusion MP direct impingement, round pattern XR4747, RTM040
<b>247019</b>	Fusion MP direct impingement, round pattern XR4747, RTM055
<b>247025</b>	Fusion MP direct impingement, round pattern XR5757, RTM035
<b>247026</b>	Fusion MP direct impingement, round pattern XR5757, RTM070

### Mechanical-Purge Gun with Flat Pattern

<b>247050</b>	Fusion MP direct impingement, flat pattern XF1313, FTM317
<b>247051</b>	Fusion MP direct impingement, flat pattern XF1313, FTM424
<b>247057</b>	Fusion MP direct impingement, flat pattern XF1818, FTM317
<b>247058</b>	Fusion MP direct impingement, flat pattern XF1818, FTM424
<b>247065</b>	Fusion MP direct impingement, flat pattern XF2929, FTM424
<b>247066</b>	Fusion MP direct impingement, flat pattern XF2929, FTM438
<b>247067</b>	Fusion MP direct impingement, flat pattern XF2929, FTM624
<b>247073</b>	Fusion MP direct impingement, flat pattern XF3535, FTM438
<b>247074</b>	Fusion MP direct impingement, flat pattern XF3535, FTM624
<b>247075</b>	Fusion MP direct impingement, flat pattern XF3535, FTM638
<b>247081</b>	Fusion MP direct impingement, flat pattern XF4747, FTM624
<b>247082</b>	Fusion MP direct impingement, flat pattern XF4747, FTM638
<b>247083</b>	Fusion MP direct impingement, flat pattern XF4747, FTM638
<b>247089</b>	Fusion MP direct impingement, flat pattern XF5757, FTM638
<b>247090</b>	Fusion MP direct impingement, flat pattern XF5757, FTM638
<b>247091</b>	Fusion MP direct impingement, flat pattern XF5757, FTM848

### Mechanical-Purge Gun with Round Pattern

<b>247211</b>	Fusion MP Standard, Round Pattern MR3535, RTM030
<b>247212</b>	Fusion MP standard, round pattern MR3535, RTM040
<b>247213</b>	Fusion MP standard, round pattern MR3535, RTM055
<b>247218</b>	Fusion MP standard, round pattern MR4747, RTM040
<b>247219</b>	Fusion MP standard, round pattern MR4747, RTM055
<b>247225</b>	Fusion MP standard, round pattern MR5757, RTM055
<b>247226</b>	Fusion MP standard, round pattern MR5757, RTM070
<b>247231</b>	Fusion MP standard, round pattern MR6666, RTM070
<b>247232</b>	Fusion MP standard, round pattern MR6666, RTM080
<b>247233</b>	Fusion MP standard, round pattern MR6666, RTM090
<b>247239</b>	Fusion MP standard, round pattern MR8282, RTM090
<b>247240</b>	Fusion MP standard, round pattern MR8282, RTM100
<b>247245</b>	Fusion MP standard, round pattern MR9494, RTM100
<b>247246</b>	Fusion MP standard, round pattern MR9494, RTM110

### Mechanical-Purge Gun with Flat Pattern

<b>247257</b>	Fusion MP standard, flat pattern MF1818, FTM317
<b>247258</b>	Fusion MP standard, flat pattern MF1818, FTM424
<b>247265</b>	Fusion MP standard, flat pattern MF2929, FTM424
<b>247266</b>	Fusion MP standard, flat pattern MF2929, FTM438
<b>247267</b>	Fusion MP standard, flat pattern MF2929, FTM624
<b>247273</b>	Fusion MP standard, flat pattern MF3535, FTM438
<b>247274</b>	Fusion MP standard, flat pattern MF3535, FTM624
<b>247275</b>	Fusion MP standard, flat pattern MF3535, FTM638
<b>247281</b>	Fusion MP standard, flat pattern MF4747, FTM624
<b>247282</b>	Fusion MP standard, flat pattern MF4747, FTM638
<b>247283</b>	Fusion MP standard, flat pattern MF4747, FTM838
<b>247289</b>	Fusion MP standard, flat pattern MF5757, FTM638
<b>247290</b>	Fusion MP standard, flat pattern MF5757, FTM638
<b>247291</b>	Fusion MP standard, flat pattern MF5757, FTM848

### Mechanical-Purge Round Pattern Tip Kits

<b>RTM024</b>	Kit, round tip, mechanical-purge
<b>RTM030</b>	Kit, round tip, mechanical-purge
<b>RTM040</b>	Kit, round tip, mechanical-purge
<b>RTM055</b>	Kit, round tip, mechanical-purge
<b>RTM070</b>	Kit, round tip, mechanical-purge
<b>RTM080</b>	Kit, round tip, mechanical-purge
<b>RTM090</b>	Kit, round tip, mechanical-purge
<b>RTM100</b>	Kit, round tip, mechanical-purge
<b>RTM110</b>	Kit, round tip, mechanical-purge

### Mechanical-Purge Flat Pattern Tip Kits

<b>FTM317</b>	Kit, flat tip, mechanical-purge, 6" pattern*, very low flow
<b>FTM424</b>	Kit, flat tip, mechanical-purge, 8" pattern*, low flow
<b>FTM438</b>	Kit, flat tip, mechanical-purge, 8" pattern*, medium flow
<b>FTM624</b>	Kit, flat tip, mechanical-purge, 12" pattern*, low flow
<b>FTM638</b>	Kit, flat tip, mechanical-purge, 12" pattern*, medium flow
<b>FTM838</b>	Kit, flat tip, mechanical-purge, 16" pattern*, medium flow
<b>FTM848</b>	Kit, flat tip, mechanical-purge, 16" pattern*, high flow

### Mechanical-Purge Standard Mix Module Flat Pattern Kits

<b>MF1818</b>	Kit, standard mix module, flat
<b>MF2929</b>	Kit, standard mix module, flat
<b>MF3535</b>	Kit, standard mix module, flat
<b>MF4747</b>	Kit, standard mix module, flat
<b>MF5757</b>	Kit, standard mix module, flat

### Mechanical-Purge Standard mix module, Round Pattern Kits

<b>MR3535</b>	Kit, standard mix module, round
<b>MR4747</b>	Kit, standard mix module, round
<b>MR5757</b>	Kit, standard mix module, round
<b>MR6666</b>	Kit, standard mix module, round
<b>MR8282</b>	Kit, standard mix module, round
<b>MR9494</b>	Kit, standard mix module, round

### Mechanical-Purge DI mix module, flat Pattern Kits

<b>XF1313</b>	Kit, direct impingement mix module, flat
<b>XF1818</b>	Kit, direct impingement mix module, flat
<b>XF2929</b>	Kit, direct impingement mix module, flat
<b>XF3535</b>	Kit, direct impingement mix module, flat
<b>XF4747</b>	Kit, direct impingement mix module, flat
<b>XF5757</b>	Kit, direct impingement mix module, flat

### Mechanical-Purge DI mix module, round Pattern Kits

<b>XR2929</b>	Kit, direct impingement mix module, round
<b>XR3535</b>	Kit, direct impingement mix module, round
<b>XR4747</b>	Kit, direct impingement mix module, round
<b>XR5757</b>	Kit, direct impingement mix module, round

### \* Metric fan pattern widths are as follows:

U.S. (in)	Metric (m)	U.S. (in)	Metric (m)	U.S. (ft)	Metric (m)
6	0.15	16	0.4	8	2.4
8	0.2	18	0.46	12	3.66
10	0.25	20	0.5	15	4.57
12	0.3				

## Ordering Information

### AIR-PURGE ACCESSORIES/PARTS

#### Repair Kits/Parts

<b>246355</b>	Gun seal repair kit, includes all necessary o-rings for the entire gun assembly
<b>551189*</b>	Grease gun, holds 3 oz (0.09 l) grease cartridges
<b>117773*</b>	Grease cartridge, special isocyanate compatible replaceable grease cartridge for daily maintenance, 3 oz (0.09 l)
<b>246360</b>	Flat tip Sealing o-ring kit, pack of 3
<b>246347</b>	Side seal o-ring kit, includes (6) o-rings for both cartridges
<b>246348</b>	Side seal kit, includes (2) side seals with o-rings
<b>246349</b>	A (SO) cartridge assembly, complete A-side cartridge, seal and o-rings
<b>246350</b>	B (Resin) cartridge assembly, complete B-side cartridge, seal and o-rings
<b>158210</b>	Round pattern air cap
<b>158801</b>	Flat pattern air cap

#### Spare Assembly Kits

<b>246361</b>	Front spray head kit, includes entire front spray head assembly less the mix chamber. Order mix chamber separately.
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### MECHANICAL-PURGE ACCESSORIES/PARTS

#### Repair Kits

<b>248000</b>	Kit, complete o-ring
<b>248001</b>	Kit, purge rod
<b>248002</b>	Kit, mechanical-purge gun handle
<b>248003</b>	Kit, front/rear packing g pack

#### Extra Drills Kits

<b>246807</b>	Kit, clean-out drill, use with modules 1313, 1818, 4747, 5757, 6666, and round tip RTM030
<b>246808</b>	Kit, clean-out drill, use with module 8282, and round tip RTM040
<b>246809</b>	Kit, clean-out drill, use with round tip RTM055
<b>246810</b>	Kit, clean-out drill, use with round tip RTM110
<b>246811</b>	Kit, clean-out drill, use with round tip RTM080
<b>246812</b>	Kit, clean-out drill, use with round tip RTM090
<b>246813</b>	Kit, clean-out drill, use with round tip RTM100
<b>246814</b>	Kit, clean-out drill, use with module 9494
<b>246815</b>	Kit, clean-out drill, use with module 3535, and round tip RTM024
<b>246816</b>	Kit, clean-out drill, use with module 1818
<b>246817</b>	Kit, clean-out drill, use with module 1313
<b>246626</b>	Kit, clean-out drill, use with round tip RTM070
<b>246630</b>	Kit, clean-out drill, use with module 2929

### AIR-PURGE AND MECHANICAL-PURGE COMMON KITS

<b>246351</b>	Check valve o-ring kit, includes (4) o-rings for both check valves
<b>246354</b>	Air valve o-ring kit, pack of 5
<b>246355</b>	A-side check valve assembly, includes complete check valve assembled with all parts
<b>246352</b>	B-side check valve assembly, includes complete check valve assembled with all parts
<b>246012</b>	Fluid manifold assembly, includes fluid manifold, shutoff valves and IIC swivels
<b>246353</b>	Check valve face seal o-ring kit, pack of 6
<b>246356</b>	Fluid shutoff valve kit, includes complete shutoff valve assembly
<b>246357</b>	40 mesh screen kit, pack of 10
<b>246358</b>	60 mesh screen kit, pack of 10
<b>246359</b>	80 mesh screen kit, pack of 10

### FUSION ACCESSORIES

<b>248139</b>	Solvent flush kit, pressurized container for solvent flushing gun before service
<b>158817*</b>	Gun flush manifold block
<b>117661*</b>	Pin vise, double-ended pin vise, with reversible chucks, to hold cleanout drill bits from 0-1/8 in
<b>117509*</b>	1/4 npt male quick disconnect
<b>117510*</b>	1/4 npt female quick disconnect
<b>158772*</b>	1/8 in (3.18 mm) air hose, 18' (.46 m) long, use to attach gun to whip hose
<b>113379*</b>	Ball-valve for air hose
<b>151611</b>	Ultimate gun cleaning kit
<b>244914</b>	Air-Purge gun cover kit, pack of 10
<b>244915</b>	Mechanical-purge gun cover kit, pack of 10

\* Included with gun purchase

### REACTOR ELECTRIC HEATED HOSES

#### Low Pressure Heated Hose - Copper wound low voltage hose, 2000 psi (138 bar, 13.8 MPa)

<b>246045</b>	1/4 in x 50 ft (6.3 mm x 15 m), no thermocouple
<b>246074</b>	1/4 in x 50 ft (6.3 mm x 15 m), no thermocouple
<b>246046</b>	3/8 in x 50 ft (9.5 mm x 15 m)
<b>246075</b>	3/8 in x 50 ft (9.5 mm x 15 m), with scuff guard
<b>246076</b>	3/8 in x 50 ft (9.5 mm x 15 m), no thermocouple
<b>246047</b>	1/2 in x 50 ft (12.7 mm x 15 m)
<b>246076</b>	1/2 in x 50 ft (12.7 mm x 15 m), no thermocouple
<b>246048</b>	1/4 in x 25 ft (6.3 mm x 7.6 m)
<b>246049</b>	3/8 in x 25 ft (9.5 mm x 7.6 m)

#### Low Pressure Heated Whip Hose - 2000 psi (138 bar, 13.8 MPa)

<b>246050</b>	1/4 in x 10 ft (6.3 mm x 3 m)
<b>246051</b>	3/8 in x 10 ft (9.5 mm x 3 m)

#### High Pressure Heated Hose - Copper wound low voltage hose, 3500 psi (241 bar, 24.1 MPa)

<b>246052</b>	1/4 in x 50 ft (6.3 mm x 15 m)
<b>246053</b>	3/8 in x 50 ft (9.5 mm x 15 m)
<b>246079</b>	3/8 in x 50 ft (9.5 mm x 15 m), with scuff guard
<b>246054</b>	1/2 in x 50 ft (12.7 mm x 15 m)

#### High Pressure Heated Whip Hose - 3500 psi (241 bar, 24.1 MPa)

<b>246055</b>	1/4 in x 10 ft (6.3 mm x 3 m), with scuff guard
<b>246056</b>	3/8 in x 10 ft (9.5 mm x 3 m), with scuff guard
<b>246057</b>	1/2 in x 10 ft (12.7 mm x 3 m), with scuff guard
<b>246805</b>	10 ft (3 m) braided polyethylene mesh scuff guard
<b>246806</b>	25 ft (7.6 m) braided polyethylene mesh scuff guard
<b>246807</b>	50 ft (15 m) braided polyethylene mesh scuff guard
<b>246456</b>	50 ft (15 m) polyethylene scuff guard
<b>15C517</b>	Heated hose jumper (required when not using heated whip)
<b>15C626</b>	25' (7.6m) FTS cable
<b>15B296</b>	50 ft (15 m) FTS cable

### SUPPLY PUMPS AND PACKAGES

#### Supply Pumps with Drum Riser Tube

<b>246654</b>	TRITON™ 308
<b>246366</b>	Husky™ 515
<b>246367</b>	Husky 716
<b>246368</b>	Husky 1040
<b>246040</b>	2:1 standard piston pump

#### Supply Pump Systems with Fluid Plumbing - includes two supply pumps and fluid inlet hose

<b>246677</b>	TRITON 308 (246654), 6 ft x 1 in (1.8 m x 25 mm) inlet hose
<b>246481</b>	Husky 515 (246366), 6 ft x 1 in (1.8 m x 25 mm) inlet hose
<b>246482</b>	Husky 716 (246367), 6 ft x 1 in (1.8 m x 25 mm) inlet hose
<b>246676</b>	Husky 1040 (246368), 10 ft x 1 in (3 m x 25 mm) inlet hose
<b>246898</b>	2:1 standard piston pump

#### Complete Supply Pump Systems - includes two supply pumps, air and fluid hoses, all fittings and air distribution kit

<b>246655</b>	Complete TRITON 308 (246677) supply pump system
<b>246369</b>	Complete Husky 515 (246481) supply pump system
<b>246370</b>	Complete Husky 716 (246482) supply pump system
<b>246376</b>	Complete Husky 1040 (

## ABOUT GRACO

### PROVEN QUALITY. LEADING TECHNOLOGY.

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology which set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

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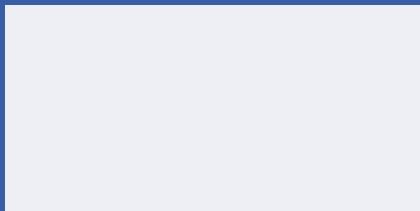
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