Automatic Plural Component,
Impingement Mix Spray Gun

For use with non-flammable foam and polyurea.
Not for use in explosive atmospheres.

3500 psi (24.2 MPa, 242 bar) Maximum Fluid Working Pressure
80-130 psi (0.55-0.9 MPa, 5.5-9.1 bar) Air Inlet Pressure Range
200°F (94°C) Maximum Fluid Temperature

Air Purge Gun
For model information and related manuals, see page 3.

Mechanical Purge Gun
For model information and related manuals, see page 4.

US Patent Number D479,305
Korean Patent 338185
Australian Patent Number 152610
Contents

Contents .................................................. 2
Manual Conventions ................................. 2
Air Purge Guns ........................................ 3
Mechanical Purge Guns ......................... 4
Warning .................................................... 5
Overall View ............................................ 7
Installation ................................................ 8
  Mounting gun to rod ......................... 8
  Mounting gun to stationary support or robot arm 8
  Mounting Information ....................... 8
  Connecting airline and accessories ....... 9
Setup ..................................................... 10
Pressure Relief Procedure .................... 13
Shutdown ............................................... 14
Parts ..................................................... 16
  Air Purge Gun .................................... 16
  Mechanical Purge Gun ...................... 18
Mounting Dimensions ......................... 20
Technical Data ....................................... 21
Graco Standard Warranty ..................... 22
Graco Information ................................. 22

Manual Conventions

Warning

A warning alerts you to possible serious injury or death if you do not follow instructions.

Symbols, such as fluid injection (shown), alert you to a specific hazard and direct you to read the indicated hazard warnings on pages 5-6.

Caution

CAUTION

A caution alerts you to possible equipment damage or destruction if you do not follow instructions.

Note

A note indicates additional helpful information.
Air Purge Guns

Round Pattern Guns

<table>
<thead>
<tr>
<th>Gun Part No., Series</th>
<th>Part No.</th>
<th>Impingement Port Size in (mm)</th>
<th>Equivalent Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>248376, A</td>
<td>AR2929</td>
<td>.029 (0.70)</td>
<td>-00</td>
</tr>
<tr>
<td>248377, A</td>
<td>AR4242</td>
<td>.042 (1.00)</td>
<td>-01</td>
</tr>
<tr>
<td>248378, A</td>
<td>AR5252</td>
<td>.052 (1.30)</td>
<td>-02</td>
</tr>
<tr>
<td>248379, A</td>
<td>AR6060</td>
<td>.060 (1.50)</td>
<td>-03</td>
</tr>
</tbody>
</table>

Flat Pattern Guns

<table>
<thead>
<tr>
<th>Gun Part No., Series</th>
<th>Part No.</th>
<th>Impingement Port Size in (mm)</th>
<th>Equivalent Size</th>
<th>Part No.</th>
<th>Pattern Size in. (mm)</th>
<th>Orifice Size in. (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>248380, A</td>
<td>AF2020</td>
<td>.020 (0.50)</td>
<td>-000</td>
<td>FT0424</td>
<td>8-10 (203-254)</td>
<td>.024 (0.61)</td>
</tr>
<tr>
<td>248381, A</td>
<td>AF2929</td>
<td>.029 (0.70)</td>
<td>-00</td>
<td>FT0438</td>
<td>8-10 (203-254)</td>
<td>.038 (0.97)</td>
</tr>
</tbody>
</table>

Related Manuals

For complete safety, operation, and repair information, refer to the applicable manual listed below.

<table>
<thead>
<tr>
<th>Fusion Air Purge Spray Gun</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No.</td>
</tr>
<tr>
<td>----------</td>
</tr>
<tr>
<td>309550</td>
</tr>
<tr>
<td>309745</td>
</tr>
<tr>
<td>309746</td>
</tr>
<tr>
<td>309747</td>
</tr>
<tr>
<td>309753</td>
</tr>
<tr>
<td>309754</td>
</tr>
<tr>
<td>309755</td>
</tr>
</tbody>
</table>
# Mechanical Purge Guns

Use only these mix module/tip combinations.

## Standard Round Pattern Guns

<table>
<thead>
<tr>
<th>Gun Part No., Series</th>
<th>Slip-Fit™ Polycarballoy™ Mix Module Part No., see manual 309856 for numbering code</th>
<th>Round CeramTip™ Part No., see manual 309856 for numbering code</th>
</tr>
</thead>
<tbody>
<tr>
<td>248386, A</td>
<td>MR3535</td>
<td>RTM040</td>
</tr>
<tr>
<td>248387, A</td>
<td>MR5757</td>
<td>RTM070</td>
</tr>
</tbody>
</table>

## Direct Impingement Round Pattern Guns

<table>
<thead>
<tr>
<th>Gun Part No., Series</th>
<th>Slip-Fit™ Polycarballoy™ Mix Module Part No., see manual 309856 for numbering code</th>
<th>Round CeramTip™ Part No., see manual 309856 for numbering code</th>
</tr>
</thead>
<tbody>
<tr>
<td>248382, A</td>
<td>XR2929</td>
<td>RTM040</td>
</tr>
<tr>
<td>248383, A</td>
<td>XR3535</td>
<td>RTM040</td>
</tr>
</tbody>
</table>

## Direct Impingement Flat Pattern Guns

<table>
<thead>
<tr>
<th>Gun Part No., Series</th>
<th>Slip-Fit™ Polycarballoy™ Mix Module Part No., see manual 309856 for numbering code</th>
<th>Flat CeramTip™ Part No., see manual 309856 for numbering code</th>
</tr>
</thead>
<tbody>
<tr>
<td>248384, A</td>
<td>XF1313</td>
<td>FTM317</td>
</tr>
<tr>
<td>248385, A</td>
<td>XF1818</td>
<td>FTM424</td>
</tr>
</tbody>
</table>

## Related Manuals

For complete safety, operation, and repair information, refer to the applicable manual listed below.

<table>
<thead>
<tr>
<th>Fusion Mechanical Purge Spray Gun</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>309856</td>
<td>Instruction-Parts Manual (English)</td>
<td></td>
</tr>
<tr>
<td>310627</td>
<td>Instructions-Pièces pour pistolet à purge d’air Fusion</td>
<td></td>
</tr>
<tr>
<td>310628</td>
<td>Betriebsanleitung für Fusion Luftspülpistole</td>
<td></td>
</tr>
<tr>
<td>310629</td>
<td>Pistola de purga aerográfica Fusion, Instrucciones-Piezas</td>
<td></td>
</tr>
<tr>
<td>310630</td>
<td>Fusion 空气清洗喷枪零部件说明书</td>
<td></td>
</tr>
<tr>
<td>310631</td>
<td>Fusion エアーパージガン取扱説明書-部品</td>
<td></td>
</tr>
<tr>
<td>310632</td>
<td>Fusion 에어 파지 건 치침-부품</td>
<td></td>
</tr>
</tbody>
</table>
## WARNING

### PERSONAL PROTECTIVE EQUIPMENT

You must wear proper protective equipment when operating, servicing, or when in the operating area of the equipment to help protect you from serious injury, including eye injury, inhalation of toxic fumes, burns, and hearing loss. This equipment includes but is not limited to:

- Protective eyewear
- Clothing and respirator as recommended by the fluid and solvent manufacturer
- Gloves
- Hearing protection.

### TOXIC FLUID OR FUMES HAZARD

Toxic fluids or fumes can cause serious injury or death if splashed in the eyes or on skin, inhaled, or swallowed.

- Read Material Safety Data Sheet (MSDS) to know the specific hazards of the fluids you are using.
- Store hazardous fluid in approved containers, and dispose of it according to applicable guidelines.

### INJECTION HAZARD

High-pressure fluid from gun, hose leaks, or ruptured components will pierce skin. This may look like just a cut, but it is a serious injury that can result in amputation. Get immediate medical attention.

- Do not point the gun at anyone or at any part of the body.
- Do not put your hand or fingers over the gun fluid nozzle.
- Do not stop or deflect leaks with your hand, body, glove, or rag.
- Do not “blow back” fluid; this is not an air spray system.
- Follow **Pressure Relief Procedure**, page 13, when you stop spraying and before cleaning, checking, or servicing equipment.
- Use lowest possible pressure when flushing, priming, or troubleshooting.
- Engage piston safety lock when not spraying.
- Tighten all fluid connections before operating the equipment.
- Check hoses, tubes, and couplings daily. Replace worn or damaged parts immediately. High-pressure hose cannot be recoupled; replace the entire hose.

### BURN HAZARD

Equipment surfaces and fluid that's heated can become very hot during operation. To avoid severe burns, do not touch hot fluid or equipment. Wait until equipment/fluid has cooled completely.
### FIRE AND EXPLOSION HAZARD
Flammable fumes, such as solvent and paint fumes, in work area can ignite or explode. To help prevent fire and explosion:

- Use equipment only in well ventilated area.
- Eliminate all ignition sources, such as pilot lights, cigarettes, portable electric lamps, and plastic drop cloths (potential static arc).
- Do not plug or unplug power cords or turn lights on or off when flammable fumes are present.
- Keep the work area free of debris, including solvent, rags, and gasoline.
- Ground equipment and conductive objects. See **Grounding** in Fusion Gun manual 309550 or 309856.
- Hold gun firmly to side of grounded pail when actuating into pail.
- Use only grounded hoses.
- If there is static sparking or you feel a shock, **stop operation immediately.** Do not use equipment until you identify and correct the problem.

### EQUIPMENT MISUSE HAZARD
Misuse can cause serious injury or death.

- For professional use only.
- Use equipment only for its intended purpose. Call your Graco distributor for information.
- Read manuals, warnings, tags, and labels before operating equipment. Follow instructions.
- Check equipment daily. Repair or replace worn or damaged parts immediately.
- Do not alter or modify equipment. Use only Graco parts and accessories.
- Do not exceed the maximum working pressure or temperature rating of the lowest rated system component. See **Technical Data** in all equipment manuals.
- Use fluids and solvents that are compatible with equipment wetted parts. See **Technical Data** in all equipment manuals. Read fluid and solvent manufacturer’s warnings.
- Route hoses and cables away from traffic areas, sharp edges, moving parts, and hot surfaces.
- Do not use hoses to pull equipment.
- Comply with all applicable safety regulations.

### PRESSURIZED ALUMINUM PARTS HAZARD
Do not use 1,1,1-trichloroethane, methylene chloride, other halogenated hydrocarbon solvents or fluids containing such solvents in pressurized aluminum equipment. Such use can cause serious chemical reaction and equipment rupture, and result in death, serious injury, and property damage.
Overall View
Mechanical Purge Gun Shown

Key:
A  A Side Fluid Valve (ISO)
B  B Side Fluid Valve (RESIN)
C  Air Cap
D  Fluid Housing
E  Gun Fluid Manifold
F  Cleanoff Air Valve
G  Piston Safety Lock
H  CeramTip (behind air cap)
J  Optional Fluid Inlets (A Side Shown)
K  Lock Ring
L  Fluid Inlet Swivels (A Side Shown)
Installation

Mounting gun to rod

1. To mount the gun on a 1/2 in. diameter rod, insert the bar (A) through the hole in the gun body as shown.

2. Secure the gun to the bar by tightening 1/4 in. - 20 mounting screws.

Mounting gun to stationary support or robot arm

To mount gun to stationary support or robot arm, see mounting hole dimensions page 20.

Mounting Information

Clean off air

Two .128 in. alignment pin holes

Three 1/8 in. - 27 npt ports (air inlet)

Gun actuation

Two 1/4 - 20 unc holes

Gun deactuation
Connecting airline and accessories

1. On each gun air supply line, install an air pressure regulator.
   - It is recommended that the tip clean off air, gun actuation, and gun deactuation air be supplied and regulated separately.
   - A minimum of 80 psi (.55 mpa, 5.5 bar) air pressure must be supplied to the gun for proper operation.
   - A three-way air valve, which exhausts cylinder air, is required.

2. On each gun air supply line, install a bleed-type air shut off valve down stream of the gun air regulator.

3. On the main air line, install a bleed-type air shut off valve.
Setup

1. Close fluid valves A and B.

2. Connect A (ISO) and B (RESIN) fluid hoses to fluid manifold.

3. Engage piston safety lock.

4. Connect the airlines, see Installation page 8. Attach fluid manifold (D) to gun.

5. For Mechanical Purge Guns Only:
   a. Open clean off air line valve. Air should flow from air cap around Ceram Tip (M).
   b. Open clean off air valve (K) about 1/4 to 1/2 turn, then adjust air flow as required.
   c. Adjust purge rod, see manual 309856.
   d. Go to step 10.

6. Disengage piston safety lock.

To change position of fluid manifold or use optional fluid inlets, see Fusion Gun manual 309856 or 309550.

For Air Purge Guns Only:
   a. Open clean off air line valve. Air should flow from nozzle (N). Continue through steps below.
7. Actuate gun to check for full mix chamber travel. Front of air cap (C) should be approximately flush with front retaining ring (U).

8. Open cleanoff air valve (K) 1/4-1/2 turn and actuate air line to check that cleanoff air is flowing. Adjust as desired.

10. Turn on proportioner.

11. Open B (RESIN) fluid valve (about three half turns). Then open A (ISO) fluid valve.

12. Disengage piston safety lock.

13. Test spray onto card board. Adjust pressure and temperature to get desired results.

14. Apply layer of lubricant over front of gun and lock ring, or use gun cover to prevent overspray buildup and ease disassembly. See Fusion Gun Manual 309856 or 309550 to order lubricant and gun cover.

15. Gun is ready to spray.

CAUTION
Air supply is required for gun actuation. Do not disconnect gun air supply until fluid pressure is relieved, see page 13.
Pressure Relief Procedure

[Image: TI3850A]

**WARNING**
Read warnings, page 5. Relieve pressure before cleaning or repairing gun.

1. Engage piston safety lock.

[Image: TI3850A]

**CAUTION**
Air supply is required for gun actuation. Do not disconnect gun air supply until fluid pressure is relieved.


[Image: TI4752A]

3. Disengage piston safety lock.

[Image: TI3849A]

4. Actuate gun onto cardboard or into waste container to relieve pressure.

[Image: TI4753a]

5. Engage piston safety lock.

[Image: TI3850A]

**WARNING**
Fluid in the hose and proportioner is still under pressure. Follow the Pressure Relief Procedure in the proportioner manual.

To relieve pressure in the hose after the gun is removed, place the fluid manifold over containers, facing away from you. Very carefully open the fluid valves. Under high pressure, fluid will spray sideways from the fluid ports.

[Image: TI2484A]
Shutdown

For complete shutdown procedure, refer to Fusion Gun manual 309550 or 309856.
Parts

Air Purge Gun

Round Pattern Gun Shown

Flat Pattern Detail

Check Valve (26) Detail

Seal Cartridge (18) Detail

Supplied Tools

Torque to 235-245 in-lb (26.6-27.7 N•m).

Torque to 35-45 in-lb (4-5 N•m).

Torque to 32-40 ft-lb (43-54 N•m).
### Parts

**Ref. No.** | **Part No.** | **Description** | **Qty**
---|---|---|---
1 | 15D918 | BODY, air purge | 1
3† | 248137 | O-RING; PTFE; package of 6 | 1
4★ | 15B206 | LOCK, safety | 1
5★ | 15B204 | CAP, cylinder | 1
7† | 15B215 | RING, lock | 1
8† | 15B223 | VALVE, cleanoff air | 1
9† | 15B211 | RING, retaining | 1
10† | 15B210 | AIR CAP; for round pattern guns | 1
15B801 | AIR CAP; for flat pattern guns; not included in Front End Replacement Kit 246361 | 1
11† | 246491 | HOUSING, fluid | 1
12 | 246012 | MANIFOLD, fluid; includes 12a-12g | 1
12a† | 246356 | VALVE, fluid | 1
12c | 100139 | PLUG, pipe; 1/8-27 npt | 1
12d | 15B221 | BOLT; 5/16-24 | 1
12e | 117634 | SWIVEL, B side; 1/8 npt(m) x no. 6 JIC(f) | 1
12f | 117635 | SWIVEL, A side; 1/8 npt(m) x no. 5 JIC(f) | 1
12g | 15B993 | SPRING, ring, lock | 1
14★ | 248136 | O-RING, cylinder cap; package of 6 | 1
15 | 15B203 | PISTON | 1
16* | 248135 | O-RING, piston; package of 6 | 1
17* | 248134 | O-RING, piston shaft; package of 6 | 1
18‡ | 246349 | CARTRIDGE, seal, A side; includes 18a-18e | 1
18d5 | 246350 | CARTRIDGE, seal, B side; includes 18a-18e | 1
18a† | 117491 | CARTRIDGE BODY | 1
18b | 117491 | SPRING | 1
18c† | 246348 | SEAL KIT | 1
18d* | 248130 | O-RING, cartridge body; package of 6 | 1
18e* | 248128 | O-RING, side seal; package of 6 | 1
19 | 248132 | O-RING; package of 6 | 1
21† | 248131 | O-RING; package of 6 | 1
23† | 248135 | O-RING; package of 6 | 1
24†★ | 246354 | O-RING; package of 6 | 1
25‡ | 100846 | FITTING, grease | 1
26‡ | 246371 | VALVE, check, A side; includes 26a-26g | 1
26a‡† | 246372 | VALVE, check, B side; includes 26a-26g | 1
26b‡† | 15B214 | SCREW; 5/16-18 x 1/2 in. (13 mm) | 1
26c‡ | 104396 | BALL; carbide | 1
26d‡ | 117490 | SCREEN; see below | 1
26e‡ | 15B214 | SPRING | 1
26f‡ | 248133 | O-RING, check valve face; package of 6 | 1
26g‡ | 248129 | O-RING, check valve housing; package of 6 | 1

* These parts are only available in repair kits. To select a kit, refer manual 309550.
† These parts are not available singly.
‡ These parts are included in Front End Replacement Kit 246361.
★ These parts are included in Safety Stop Assembly 248064 (includes 1 of item 24).
▲ Replacement Danger and Warning labels, tags, and cards are available at no cost.
■ Available in 248279 Kit, package of 10.

### Check Valve Filter Screen Kits (10 per kit)

80 mesh filter screen is standard with gun.

- 246357 40 mesh (.015 in., 375 micron)
- 246358 60 mesh (.010 in., 238 micron)
- 246359 80 mesh (.007 in., 175 micron)
Mechanical Purge Gun

⚠️ Torque to 125-135 in-lb (14-15 N•m).
⚠️ Torque to 32-40 ft-lb (43-54 N•m).

Supplied Tools

Check Valve (36)

†‡36a
†‡36b
†‡36c
†‡36d
*†‡36e
*†‡36f
*†‡36g

TI3927A

TI4523a

TI3870a
**Parts**

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Part No.</th>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>15D919</td>
<td>BODY, mechanical purge</td>
<td>1</td>
</tr>
<tr>
<td>3*</td>
<td>15C374</td>
<td>ACTUATOR, safety</td>
<td>1</td>
</tr>
<tr>
<td>4*</td>
<td>15C390</td>
<td>BUSHING, safety</td>
<td>1</td>
</tr>
<tr>
<td>7†‡</td>
<td>118145</td>
<td>SPRING, purge rod</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>15C375</td>
<td>AIR CAP</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>15C373</td>
<td>CAP, rear</td>
<td>1</td>
</tr>
<tr>
<td>11†</td>
<td>15B215</td>
<td>RING, lock</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>246012</td>
<td>MANIFOLD, fluid; includes 12a-12g</td>
<td>1</td>
</tr>
<tr>
<td>12a†</td>
<td>246356</td>
<td>VALVE, fluid</td>
<td>1</td>
</tr>
<tr>
<td>12b</td>
<td>100139</td>
<td>PLUG, pipe; 1/8-27 npt</td>
<td>1</td>
</tr>
<tr>
<td>12c</td>
<td>15B221</td>
<td>BOLT; 5/16-24</td>
<td>1</td>
</tr>
<tr>
<td>12e</td>
<td>117634</td>
<td>SWIVEL, B side; 1/8 npt(m) x no. 6 JIC(f)</td>
<td>1</td>
</tr>
<tr>
<td>12f</td>
<td>117635</td>
<td>SWIVEL, A side; 1/8 npt(m) x no. 5 JIC(f)</td>
<td>1</td>
</tr>
<tr>
<td>12g</td>
<td>15B993</td>
<td>SPRING, ring, lock</td>
<td>1</td>
</tr>
<tr>
<td>14‡*</td>
<td>248136</td>
<td>O-RING, rod stop; package of 6</td>
<td>1</td>
</tr>
<tr>
<td>15*</td>
<td>15C372</td>
<td>STOP, purge rod</td>
<td>1</td>
</tr>
<tr>
<td>16*</td>
<td>248135</td>
<td>O-RING, piston; package of 6</td>
<td>1</td>
</tr>
<tr>
<td>17*</td>
<td>118144</td>
<td>SPRING, piston safety lock</td>
<td>1</td>
</tr>
<tr>
<td>18*</td>
<td>248095</td>
<td>O-RING, purge rod; package of 6</td>
<td>1</td>
</tr>
<tr>
<td>19</td>
<td>248096</td>
<td>O-RING, piston shaft; package of 6</td>
<td>1</td>
</tr>
<tr>
<td>20</td>
<td>248138</td>
<td>O-RING, housing, small; package of 6</td>
<td>1</td>
</tr>
<tr>
<td>21‡*</td>
<td>248132</td>
<td>O-RING, housing, large; package of 6</td>
<td>1</td>
</tr>
<tr>
<td>23‡</td>
<td>15C378</td>
<td>NUT, rod seal, rear</td>
<td>1</td>
</tr>
<tr>
<td>24‡*</td>
<td>246354</td>
<td>O-RING; package of 6</td>
<td>1</td>
</tr>
<tr>
<td>25</td>
<td>15C377</td>
<td>NUT, mix module</td>
<td>1</td>
</tr>
<tr>
<td>28</td>
<td>15C376</td>
<td>RETAINER, CeramTip</td>
<td>1</td>
</tr>
<tr>
<td>31</td>
<td>248001</td>
<td>ROD, purge; includes 1 of item 18</td>
<td>1</td>
</tr>
<tr>
<td>32</td>
<td>15C371</td>
<td>PISTON</td>
<td>1</td>
</tr>
<tr>
<td>34</td>
<td>117661</td>
<td>VISE, pin; dual reversible chucks</td>
<td>1</td>
</tr>
<tr>
<td>35‡</td>
<td>116550</td>
<td>RING, retaining</td>
<td>1</td>
</tr>
<tr>
<td>36‡</td>
<td>246731</td>
<td>VALVE, check; A side; includes 36a-36g</td>
<td>1</td>
</tr>
<tr>
<td>37‡</td>
<td>248129</td>
<td>O-RING, check valve housing; package of 6</td>
<td>1</td>
</tr>
<tr>
<td>38</td>
<td>222385</td>
<td>TAG, warning; not shown</td>
<td>1</td>
</tr>
</tbody>
</table>

* These parts are only available in repair kits. To select a kit, refer to Gun Repair Kits in manual 309856.

† These parts are not available singly.

‡ These parts are included in Fluid Housing Assembly Kit 248004 (includes 1 of items 24 and 46).

★ These parts are included in Safety Stop Assembly 248028 (includes 1 of item 18).

▲ Replacement Danger and Warning labels, tags, and cards are available at no cost.

■ Available in 248279 Kit, package of 10.

**Check Valve Filter Screen Kits (10 per kit)**

80 mesh filter screen is standard with gun.

- 246357 40 mesh (.015 in., 375 micron)
- 246358 60 mesh (.010 in., 238 micron)
- 246359 80 mesh (.007 in., 175 micron)
Mounting Dimensions

Gun mounting plate dimensions

in. (mm)

FIG. 1
## Technical Data

<table>
<thead>
<tr>
<th>Category</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Fluid Working Pressure</td>
<td>3500 psi (24.2 MPa, 242 bar)</td>
</tr>
<tr>
<td>Minimum Air Inlet Pressure</td>
<td>80 psi (0.55 MPa, 5.5 bar)</td>
</tr>
<tr>
<td>Maximum Air Inlet Pressure</td>
<td>130 psi (0.9 MPa, 9 bar)</td>
</tr>
<tr>
<td>Air Flow Range at 100 psi (0.7 MPa, 7 bar)</td>
<td>0.9-8.8 scfm (.03-0.25 m³/min)</td>
</tr>
<tr>
<td>Maximum Fluid Temperature</td>
<td>200° F (94° C)</td>
</tr>
<tr>
<td>Air Inlet Size</td>
<td>1/8 - 27 NPT</td>
</tr>
<tr>
<td>A Component (ISO) Inlet Size</td>
<td>-5 JIC; 1/2-20 UNF</td>
</tr>
<tr>
<td>B Component (Resin) Inlet Size</td>
<td>-6 JIC; 9/16-18 UNF</td>
</tr>
<tr>
<td>Sound Pressure</td>
<td>70 dB(A), at 100 psi (0.7 MPa, 7 bar)</td>
</tr>
<tr>
<td>Sound Power, measured per ISO 9416-2</td>
<td>79.9 dB(A), at 100 psi (0.7 MPa, 7 bar)</td>
</tr>
<tr>
<td>Length</td>
<td>7.6 in. (193 mm)</td>
</tr>
<tr>
<td>Height</td>
<td>3.75 in. (95 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>3.1 in. (79 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>Air Purge Guns: 2.35 lb (1.06 kg)</td>
</tr>
<tr>
<td></td>
<td>Mechanical Purge Guns: 2.75 lb (1.24 kg)</td>
</tr>
<tr>
<td>Wetted Parts</td>
<td>Aluminum, stainless steel, carbon steel,</td>
</tr>
<tr>
<td></td>
<td>chemically resistant o-rings, ultra-high</td>
</tr>
<tr>
<td></td>
<td>molecular weight polyethylene (UHMWPE),</td>
</tr>
<tr>
<td></td>
<td>brass, Polycarbonate™</td>
</tr>
</tbody>
</table>

All brand names or marks are used for identification purposes and are trademarks of Graco Inc. or their respective owners.
Graco Standard Warranty

Graco warrants all equipment referenced in this document which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

This warranty does not cover, and Graco shall not be liable for general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility of Graco equipment with structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

THIS WARRANTY IS EXCLUSIVE, AND IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

Graco's sole obligation and buyer's sole remedy for any breach of warranty shall be as set forth above. The buyer agrees that no other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available. Any action for breach of warranty must be brought within two (2) years of the date of sale.

GRACO MAKES NO WARRANTY, AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IN CONNECTION WITH ACCESSORIES, EQUIPMENT, MATERIALS OR COMPONENTS SOLD BUT NOT MANUFACTURED BY GRACO. These items sold, but not manufactured by Graco (such as electric motors, switches, hose, etc.), are subject to the warranty, if any, of their manufacturer. Graco will provide purchaser with reasonable assistance in making any claim for breach of these warranties.

In no event will Graco be liable for indirect, incidental, special or consequential damages resulting from Graco supplying equipment hereunder, or the furnishing, performance, or use of any products or other goods sold hereto, whether due to a breach of contract, breach of warranty, the negligence of Graco, or otherwise.

FOR GRACO CANADA CUSTOMERS
The Parties acknowledge that they have required that the present document, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be drawn up in English. Les parties reconnaissent avoir convenu que la rédaction du présent document sera en Anglais, ainsi que tous documents, avis et procédures judiciaires exécutés, donnés ou intentés, à la suite de ou en rapport, directement ou indirectement, avec les procédures concernées.

Graco Information

TO PLACE AN ORDER, contact your Graco distributor, or call this number to identify the distributor closest to you:
1-800-328-0211 Toll Free
612-623-6921
612-378-3505 Fax

All written and visual data contained in this document reflects the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice. (SRC309856)

Sales Office: Minneapolis
International Offices: Belgium, Korea, Hong Kong, Japan
GRACO INC. P.O. BOX 1441 MINNEAPOLIS, MN 55440-1441
www.graco.com
Printed in USA 310649A (English)

03/2004