



INSTRUCTIONS

This manual contains important warnings and information.
READ AND KEEP FOR REFERENCE.

– For Water-Based Materials Only –

ELECTRIC TEXTURE SPRAYER WITH COMPRESSOR

Tex-Spray Compact

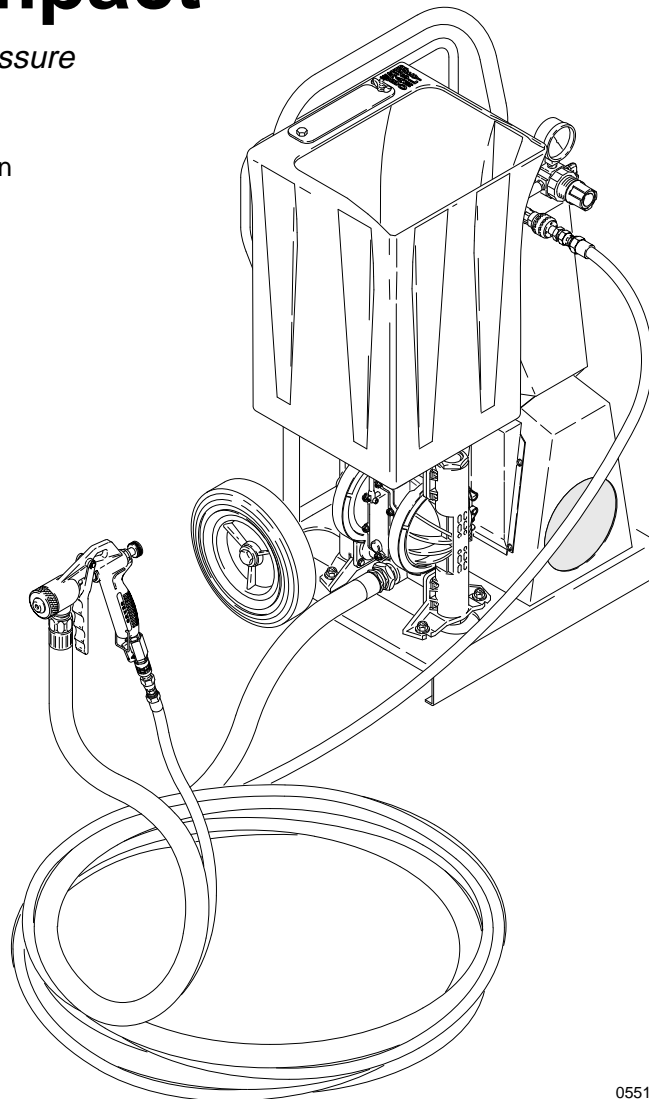
100 psi (7 bar) Maximum Working Pressure

Model 231-323

With 3/4 in. fluid hose, 3/8 in. air hose, and gun

Model 231-324

With 1 in. fluid hose, 3/8 in. air hose, and gun



05513

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Symbols

Warning Symbol



This symbol alerts you to the possibility of serious injury or death if you do not follow the instructions.

Caution Symbol



This symbol alerts you to the possibility of damage to or destruction of equipment if you do not follow the instructions.

WARNING

 INSTRUC TIONS	<p>EQUIPMENT MISUSE HAZARD</p> <p>Equipment misuse can cause the equipment to rupture or malfunction and result in serious injury.</p> <ul style="list-style-type: none"> ● This equipment is for professional use only. ● Read all instruction manuals, tags, and labels before operating the equipment. ● Use the equipment only for its intended purpose. If you are not sure, call Graco Technical Assistance at 1-800-543-0339. ● Do not expose the system to rain. Always store the system indoors. ● Do not alter or modify this equipment. ● Check equipment daily. Repair or replace worn or damaged parts immediately. ● Do not exceed the maximum working pressure of the lowest rated component in your system. This equipment, with the exception of the pressure pot, has a 100 psi (7 bar) maximum working pressure at 100 psi (7 bar) maximum air pressure. The pressure pot must not be pressurized above its 70 psi (4.8 bar) working pressure. ● To reduce the risk of serious injury, including electric shock and splashing fluid in the eyes, follow the Pressure Relief Procedure on page 7 before checking or repairing the compressor. ● Do not use hoses to pull equipment. ● Route hoses away from traffic areas, sharp edges, moving parts, and hot surfaces. Do not expose Graco hoses to temperatures above 82°C (180°F) or below -40°C (-40°F). ● Do not lift pressurized equipment. ● Do not lay equipment down or allow material in pressure pot to plug the port to the pressure pot cover safety valve. ● Do not use the pot cover storage hook to lift the sprayer.
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WARNING



TOXIC FLUID HAZARD

Hazardous fluid or toxic fumes can cause serious injury or death if splashed in the eyes or on the skin, inhaled, or swallowed.

- Know the specific hazards of the fluid you are using.
- Store hazardous fluid in an approved container. Dispose of hazardous fluid according to all local, state and national guidelines.
- Always wear protective eyewear, gloves, clothing and respirator as recommended by the fluid and solvent manufacturer.
- Pipe and dispose of exhaust air safely, away from people, animals, and food handling areas.
- Never directly inhale compressed air. Compressed air may contain toxic vapors.



FIRE AND EXPLOSION HAZARD

Improper grounding, poor ventilation, open flames or sparks can cause a hazardous condition and result in a fire or explosion and serious injury.

- **The system is for use only with water-based materials.** Use fluids and solvents compatible with the equipment wetted parts. Refer to the **Technical Data** section of all equipment manuals. Read the fluid and solvent manufacturer's warnings.
- Ground the equipment. Refer to **Grounding** on page 6.
- If there is any static sparking or you feel an electric shock while using this equipment, **stop spraying immediately**. Do not use the equipment until you identify and correct the problem.
- Provide fresh air ventilation to avoid the buildup of flammable fumes from solvents or the fluid being sprayed.
- Keep the work area free of debris, including solvent, rags, and gasoline.
- The pressure pot is lined to prevent corrosion and aid pot cleanup. To prevent liner damage, do not mix texture material in the pot. Inspect the pot daily, and replace the pot if corrosion or other damage is present.
- Locate the sprayer at least 20 ft (6.1 m) away from any explosive vapors, due to arcing parts.
- Comply with all applicable local, state, and national fire, electrical, and safety regulations.

Component Identification and Function

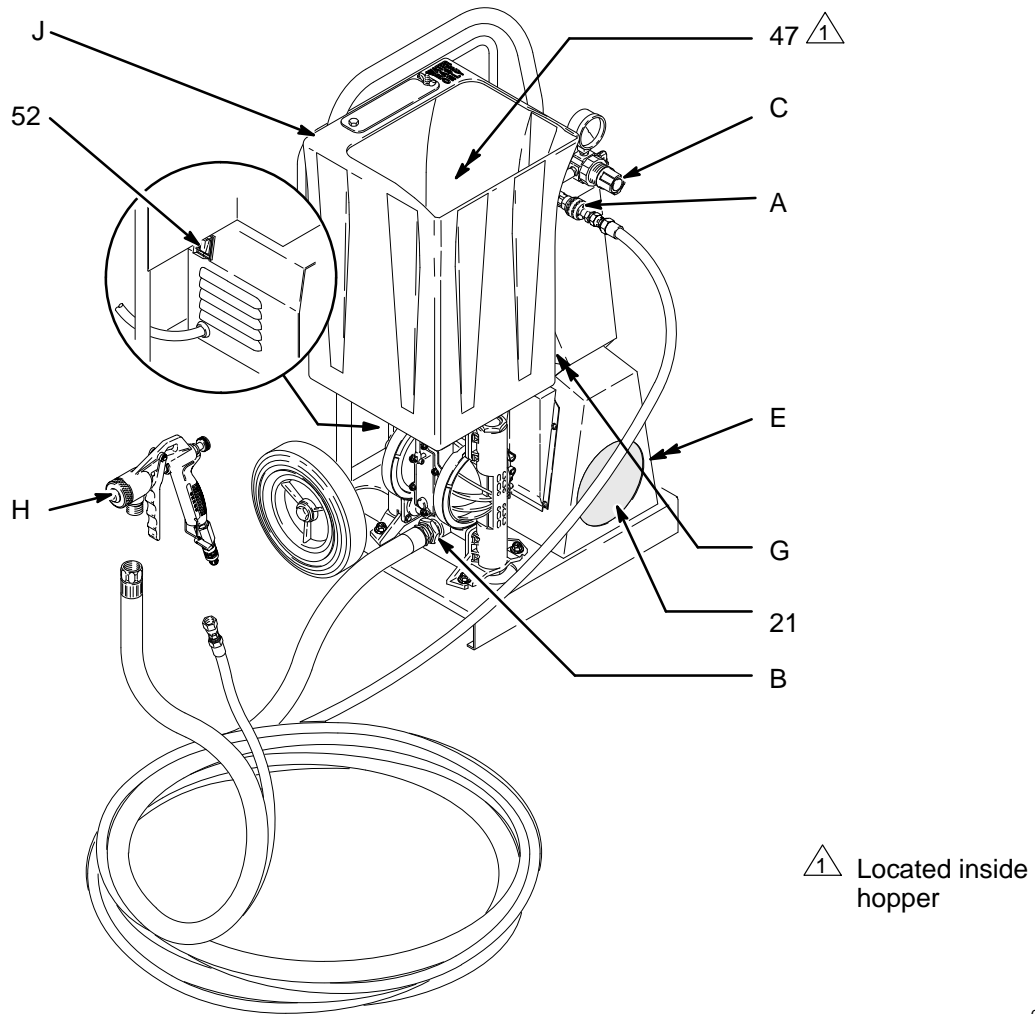


Fig. 1

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A	Air Outlet	Provides quick disconnect connection for air supply to spray gun
B	Pump Outlet Fitting	Provides connection for hose and fluid supply to spray gun
C	Air Pressure Regulator	Adjusts air pressure to control air pressure to pump
52	ON/OFF Switch	Power switch that controls 110/230 Vac power to sprayer
E	Compressor	110/230 Vac, open frame AC motor, 15A, 1 phase, with oil-less single stage air compressor
F	Pump	Pressurizes fluid to be sprayed through spray gun
G	Heat Exchanger	Reduces temperature of air from compressor to safe levels
H	Spray Gun	Uses compressor air to break up and spray texture material
J	Hopper	Holds texture material
21	Air Filter	Filters incoming air to the compressor
47	Material Filter	Filters material to the pump

Preparation

Compressor Break-in

The first time you use the system, run the compressor under no load to break it in, improve performance and lengthen its life.

1. Be sure the air hose is connected at A so there is no load on the compressor. See Fig. 2.
2. Turn on the switch (52). Run the system for 15 minutes. Shut off the switch. See Fig. 2.

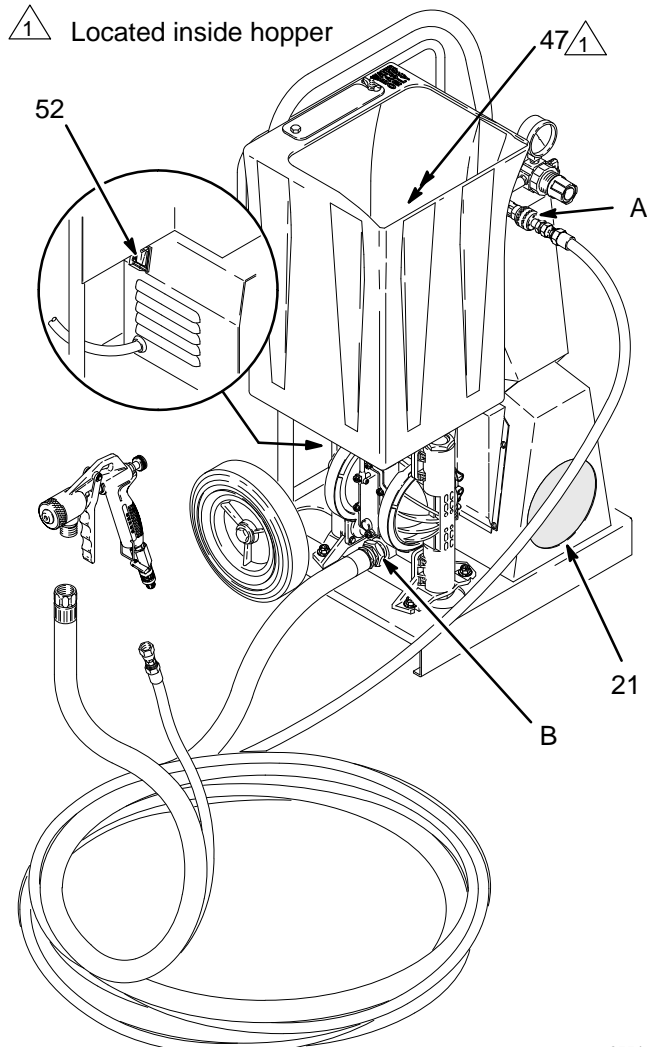


Fig. 2

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Hose Size and Lengths

The system is available with a hose set consisting of a 3/4 in. ID or 1 in. ID x 25 ft. (19 mm or 25 mm x 7.6 m) fluid hose and a 3/8 in. ID air hose. The 1 in. hose set includes an adapter hose between the gun and main hose. See the parts on page 19. The 1 in. hose set is recommended for spraying heavier materials, higher production or longer hose length.

Do not use more than 75 ft. (23 m) of fluid hose. For multiple hoses, use a 1 in. (25 mm) dia. hose only.

Removing and Installing the Hopper

1. To remove the hopper (5), loosen the wing nuts (B) and adjust them so they will slide through the notches in the mounting bracket (A) at the back of the cart. Tilt the hopper slightly forward and then lift the hopper off the unit. See Fig. 3.
2. To install the hopper, position the hopper drain over the pump inlet while tilting the hopper very slightly forward. (This is necessary to clear the hose rack at the back of the cart.) As you engage the drain and inlet, straighten the hopper and push down. Visually inspect the pump inlet to be sure the hopper is fully engaged. Tighten the wing nuts (B). See Fig. 3.

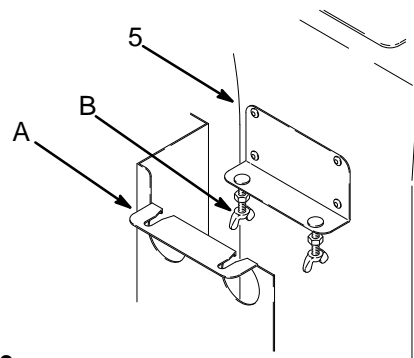


Fig. 3

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Preparation

Grounding

⚠ WARNING



FIRE AND EXPLOSION HAZARD

To reduce the risk of static sparking, ground the pump and all other equipment used or located in the spray area. Also read **FIRE OR EXPLOSION HAZARD** on page 3.

Check your local electrical code for detailed grounding instructions for your area and type of equipment.

Setup the System

⚠ CAUTION

To avoid damage to the pump inlet, do not overtighten the fluid hose. Hold the pump outlet fitting (B) with a wrench when tightening the hose.

1. Connect the hoses and gun as shown in Fig. 5.
2. Be sure the pump's ground wire (57) is not damaged and is securely connected to the cart. See Fig. 4.

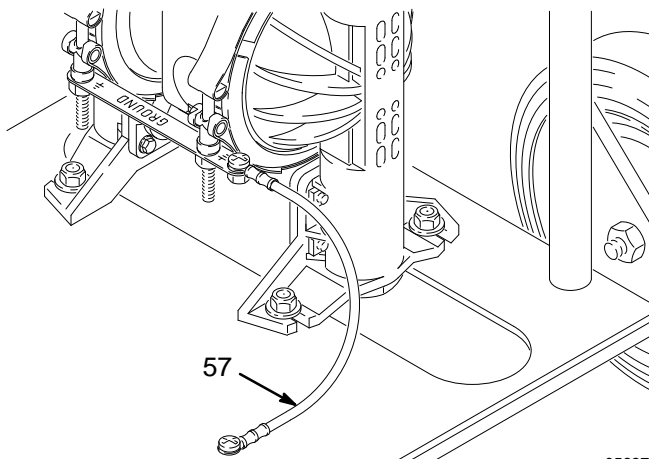


Fig. 4

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3. Be sure the air filter (21) and the material filter (47) is in place. See Fig. 5.

4. Plug the power cord into a properly grounded, 120 Volt, 15 amp outlet.
5. Extension cord requirements:
 - a. The cord has an undamaged, 3 prong plug.
 - b. For up to 25 ft. (7.6 m) cord, use three wires, 12 gauge minimum.
 - c. For 25 to 50 ft. (7.6 to 15.2 m) cords, use three wire, 10 gauge minimum.
 - d. Do not use an ungrounded adapter.

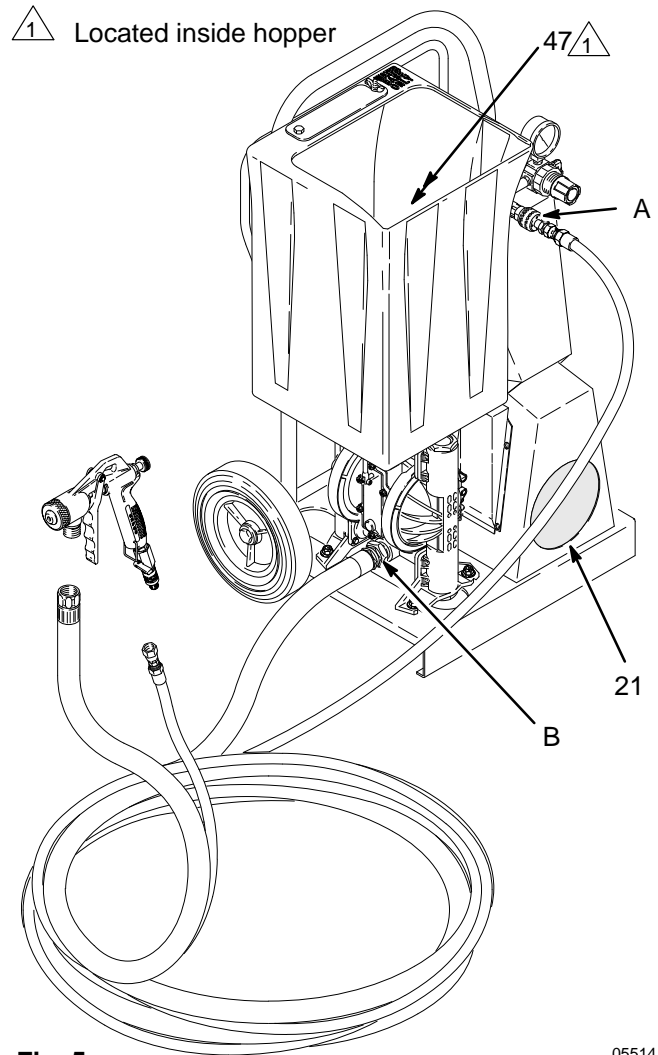


Fig. 5

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Preparation

! WARNING

PRESSURIZED EQUIPMENT HAZARD

The system pressure must be manually relieved to prevent the system from starting or spraying accidentally. To reduce the risk of an injury from accidental spray from the gun, splashing fluid, or moving parts, follow the **Pressure Relief Procedure** whenever you:

- are instructed to relieve the pressure,
- stop spraying,
- check or service any of the system equipment,
- or install or clean the spray nozzle.

Pressure Relief Procedure

1. Shut off the system.
2. Trigger the gun.
3. Open the gun air valve (handle parallel with valve body).
4. Unplug the system.

Operation Characteristics

1. Always start the system with the compressor air relieved!

How to relieve pressure: Be sure the gun air valve (423) is open (the handle parallel to the valve body), which relieves compressor air every time you shut off the system. See Fig. 6.

2. Air bleeds from the gun nozzle whenever the gun air valve (423) is open. Close the valve to stop the air, if desired. Otherwise, it can stay open except during priming. See Fig. 6. See page 10 for more gun characteristics.
3. A compressor pressure relief valve (10) is located under the cart's top panel (11). Air escapes from the valve, often causing a popping sound, when air flow at the gun is too restricted. The valve resets automatically when the air flow is increased. See Fig. 7.

NOTE: Be sure the gun air is adjusted so the valve (10) DOES NOT operate while spraying. When it opens, it uses air required for the system and will reduce sprayer performance.

4. If air exhausts through the pump muffler or the pump starts and then stops, see texture pump manual 308–399.
5. Always have the fluid hose installed when there is material in the hopper. If the hose is removed, the hopper will drain out through the pump.

! WARNING

The motor has a thermal overload switch which shuts down the motor if it overheats.

To reduce the risk of serious bodily injury due to the system restarting unexpectedly, always turn off the system at the ON/OFF switch (52) if the motor shuts down. See Fig. 2.

- ! 1** Gun air valve shown open

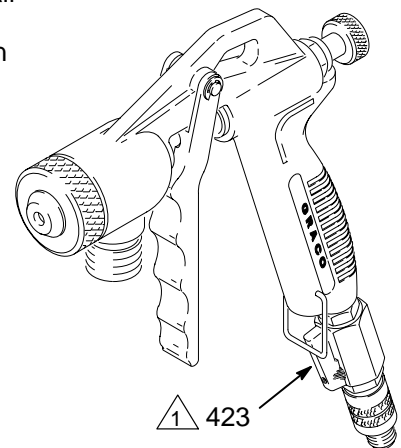


Fig. 6

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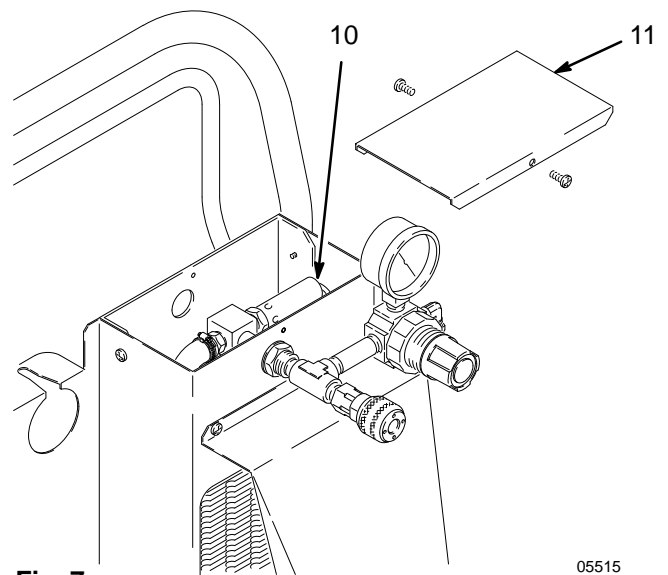


Fig. 7

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Preparation

Wet the Hose Before Pumping Texture Material

Wet the inside of the hose before each use to flush out sediment and to prevent the texture material from packing out the hose.

1. The hopper capacity is 8 gal. (30 liters). Fill the hopper about half full with clean water.
2. Close the gun air valve (423); the system primes easier if no air is supplied to the gun.
3. Turn on the switch (52). Trigger the gun into the hopper. Trigger the gun to circulate the water for a few minutes and wet the inside of the fluid hose.
4. Trigger the gun into a pail to lower the water to the hopper strainer (47) level.
5. Turn off the switch (52).
6. Open the gun air valve (423) to relieve the compressor air.

Mix the Material

CAUTION

This system is designed for use with only certain types of material. Any other use could seriously damage the unit.

- Do not use any solvent-based materials. Use only water-based materials.
- Use only simulated acoustic and gypsum-based wall texture materials in this system.
- Do not spray cementitious materials, which will damage the pump.

Proper material mixture is essential. The pump won't operate if the material is too thick.

Slowly add one bag of texture material to clean water as instructed on the bag instructions. Agitate to a smooth, lump-free consistency. **Thin the material as needed before pouring it into the hopper.** For the best results, do not use partial bags of material.

Startup

Prime the System

1. Fill the hopper (5) with the prepared texture material.
2. Install a tip. Refer to the Tip Selection Chart on page 10.
3. Open the gun air valve (423) to be sure air pressure is relieved and then close it again; the system primes easier if no air is supplied to the gun.
4. Be sure there are no kinks in the hose, which restricts fluid flow.

NOTE: If spraying a simulated acoustic and coarse grain material, disconnect the hose at the gun, prime the pump and hose, and circulate material back into the hopper for 10 seconds. Turn off the pump. Install the gun and tip.

5. Turn on the switch (52). Trigger the gun into a pail. When texture material appears at the tip, move the gun to the hopper and circulate until there is a solid stream of texture material.
6. See **SPRAY TECHNIQUES** on pages 10 and 12 for how to balance the pump and gun adjustments for a good spray pattern.

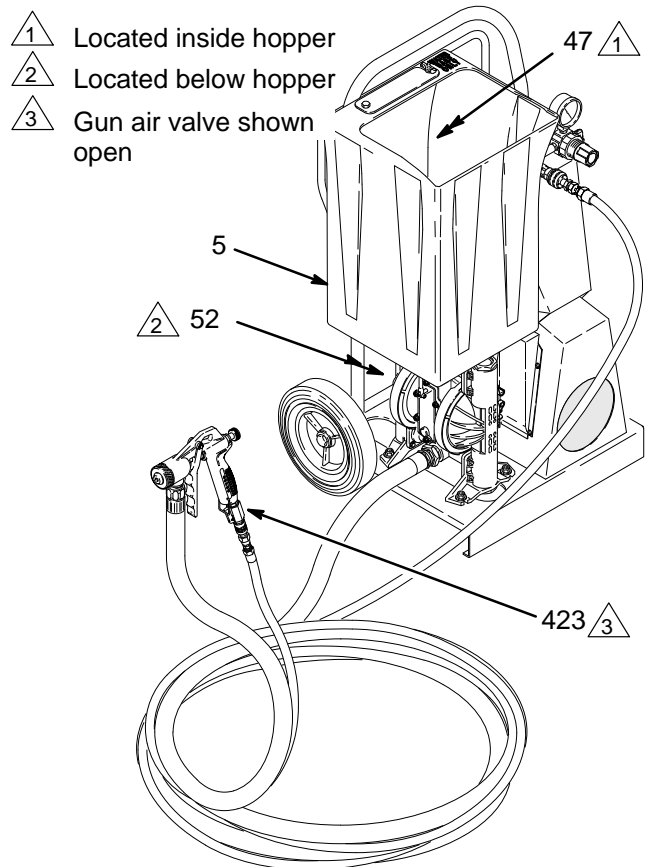


Fig. 8

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Spray Techniques

Tip Selection Chart

Application	Tip Orifice ²	Air Volume ¹
Simulated Acoustic	3/16" <i>(fine, or small confined areas)</i> 1/4" <i>(fine to medium)</i> 5/16" <i>(coarse)</i>	High
Fog	1/8"	High
Orange Peel	1/8" to 3/16"	Medium to High
Splatter Coat	1/4 to 5/16"	Low to Medium
Knockdown	5/16"	Low

- ¹ Control air volume with the gun air flow valve.
- ² For more material volume, try a larger orifice tip.

Adjusting the System

Sufficient fluid output (volume and pressure) and good atomization requires testing to balance the compressor air to the gun and pump and to select the right tip. Keep in mind these important points when adjusting the gun:

1. Read all of pages 10 to 11 first.
2. Refer to the chart above for tip selection. Consider the size of aggregate in the material and the coarseness of the spray pattern. Remember, the larger the tip, the heavier the pattern.
3. The compressor provides air to both the gun and the pump; the more air you supply to the gun, the less that is available for the pump.
4. All spraying adjustments are made at the gun; material pressure and flow rate is made by adjusting the regulator.
5. Start the sprayer with the gun air flow valve at its maximum setting (fully +). If needed, slowly decrease the gun air flow until you get a good spray pattern. Use the minimum amount of air at the spray gun to achieve the proper spray pattern.
6. Turning the air flow valve (424) toward (+) **increases air flow** through the gun which **decreases texture material output**.
7. Turning the air flow valve (424) toward (-) **decreases air flow through the gun** which **increases pump output**.

To Get Less Material

Try any one or a combination of these methods.

1. Turn the air flow valve (424) to increase (+).
2. Screw in the gun fluid knob (418).
3. Use a thicker material mixture.
4. Use a smaller tip.
5. Reduce pump pressure.

To Get More Material

Try any one or a combination of these methods.

1. Turn the air flow valve (424) to decrease (-).
2. Unscrew the fluid knob (418) until one or two threads show.
3. Use the accessory 1" dia. hose or a shorter hose.
4. Use a thinner material mixture.
5. Try a larger orifice tip.
6. Increase pump pressure.

⚠ CAUTION

Turning the knob (418) out too far will remove the knob and the gun will not shut off when the trigger is released.

7. Test the spray pattern on cardboard. Hold the gun 18 to 30 in. (457 to 762 mm) from the surface. Use this spraying distance for most applications.

8. Overlap each stroke 50%.

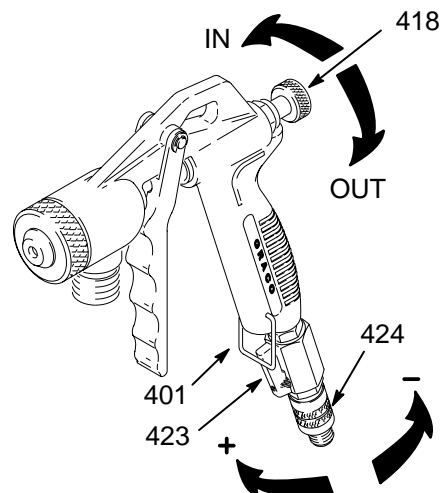


Fig. 9

Spray Techniques

How to Prevent Material Surge at the Beginning of a Spray Pattern

Squeeze the trigger slowly to the fully triggered position while moving the gun quickly.

For Continuous Spraying

Use the trigger bail (401) to hold the trigger open to reduce operator fatigue.

Check Material Consistency Periodically

Check and thin the material as needed to maintain the proper consistency. The material may thicken as it sits and slow down production or affect the spray pattern.

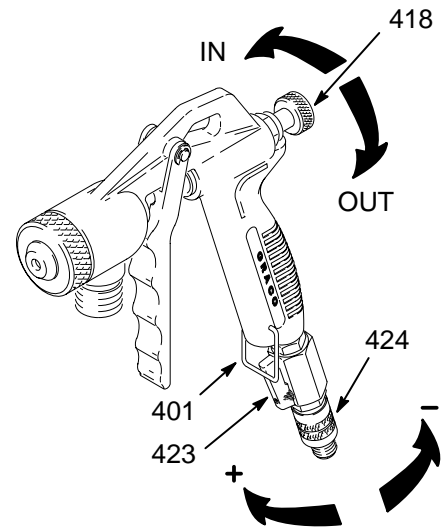


Fig. 10

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Shutdown and Cleanup

1. Be sure the compressor pressure is relieved – gun air valve (423) open. See Fig. 11. Close the gun air valve again. Turn on the switch (52). See Fig. 12.
2. Trigger the gun into a pail to lower the fluid to the hopper strainer (47) level. See Fig. 13.
3. Fill the hopper (5) about half full with clean water, depending on the hose length. Clean the inside of the hopper with a brush, if needed.

NOTE: The hopper can be removed for cleaning. See page 5.

4. Trigger the gun into a pail until most of the texture material is pumped out.
5. Fill the hopper with clean water.
6. Start the sprayer. Spray half the water into a pail. Trigger the gun into the hopper to circulate the remaining water for a few minutes.
7. Trigger the gun into the pail to empty the hopper and the hose.
8. Turn off the switch (52). See Fig. 12. Open the gun air valve (423) to relieve compressor pressure. See Fig. 11.
9. **Keep pump wet during non-use.** Pour 12 oz. (360 ml) of clean water into the hopper drain.

⚠ CAUTION

To keep the unit in good operating condition, always clean it thoroughly and prepare it properly for storage, even for overnight storage. Pay particular attention to these areas:

- Keep the pump wet during non-use to help prevent contaminants from drying inside the pump.
- Clean the sponge filter at least daily. A dirty filter allows contaminants into the compressor and eventually into the pump, resulting in poor performance and damage.
- Oil the gun daily.
- Oil the pump air inlet. See Pump Maintenance in the Texture Pump Manual 308–399.

NOTE: In cold weather, store the system where it will not freeze. If it does freeze, thaw it thoroughly before using it.

10. Remove the air filter (21), wash it thoroughly with soap and water, and reinstall it. See Fig. 12.
11. Clean and dry the gun. Oil the gun daily with a few drops of SAE–10 light oil at the points indicated in Fig. 11.
12. When the unit cools, rinse the cooler with plain water.

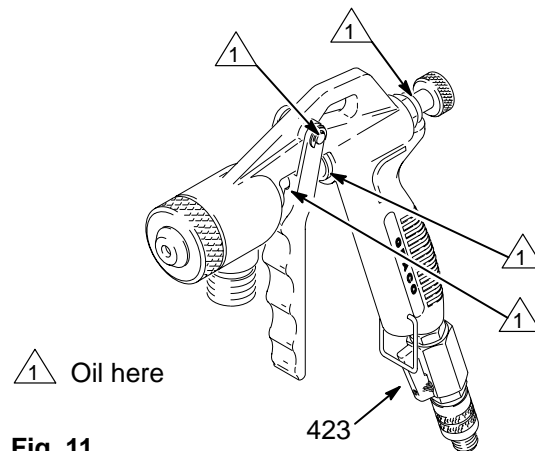


Fig. 11

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Shutdown and Cleanup

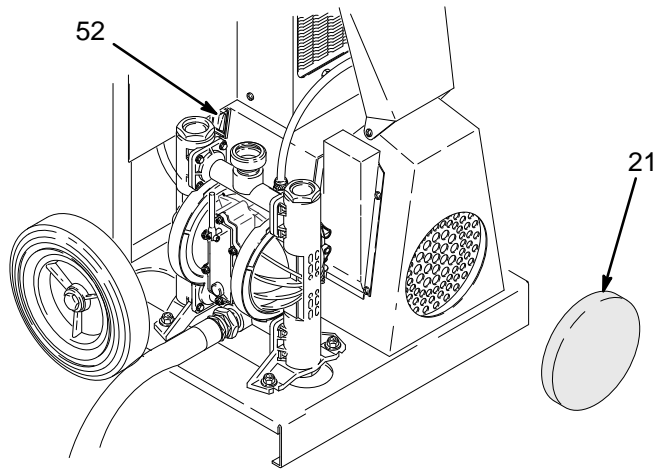


Fig. 12

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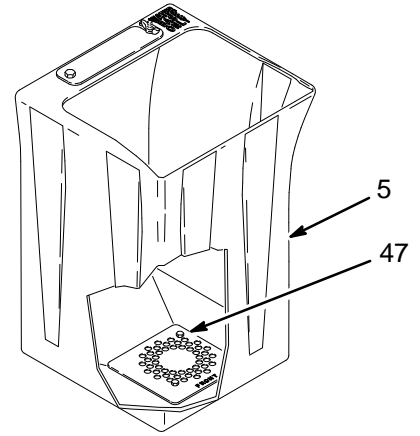


Fig. 13

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Pump Maintenance

For pump maintenance, troubleshooting and/or repair, see Manual 308–399.

Troubleshooting

WARNING

To reduce the risk of injury, follow the **Pressure Relief Procedure** on page 7.

System Troubleshooting

PROBLEM	CAUSE	SOLUTION
Spray pattern too coarse	Material too thick	Thin material
	Not enough air volume	Increase air volume at the gun
	Material volume too high	1. Decrease fluid pressure; see page 10 2. Change to smaller nozzle 3. Turn fluid knob in; see page 10
Spray pattern is too fine or produces too much over spray.	Too much air volume at gun	Decrease air volume at gun
	Too little material volume	1. Change to a larger nozzle 2. Increase fluid pressure; see page 10 3. Turn fluid knob out; see page 10
	Material too thin	Thicken material
Speed of application seems slow.	Pump pressure too low	Increase pressure; see page 10
	Nozzle too small	Use larger nozzle
	Material too thick	1. Thin material, OR 2. Use 1" dia. (25 mm) fluid hose and adapter
	Air compressor worn out	Rebuild compressor; see Manual 308–185
Material surges when first triggering gun. (A slight surge is normal.)	Triggering too fast.	Squeeze trigger slowly to fully open position while moving gun quickly; also see Spray Techniques on pages 10 and 11
Insufficient air delivery from compressor	Loose or damaged air lines	Inspect and repair lines and fittings as needed
	Air compressor worn out	Rebuild compressor; see Manual 308–185
	Safety valves leak prematurely	Replace valves

Cooler Repair

WARNING



HOT SURFACE HAZARD

Be sure the compressor duct work is cool before removing it. If the sprayer was operated recently, it will be very hot and can cause burns!

1. Follow the **Pressure Relief Procedure** on page 2.
2. Remove the hopper. See page 5.
3. Remove the screws (17A) and top cover (11). See Fig. 14.
4. Remove the screws (17B) and back cover (76). See Fig. 14.
5. Remove the screws (17C) and front cooler cover (16). See Fig. 14.
6. Loosen the clamp (39) on the hose (51) and remove the hose from the cooler (44). See Fig. 15.

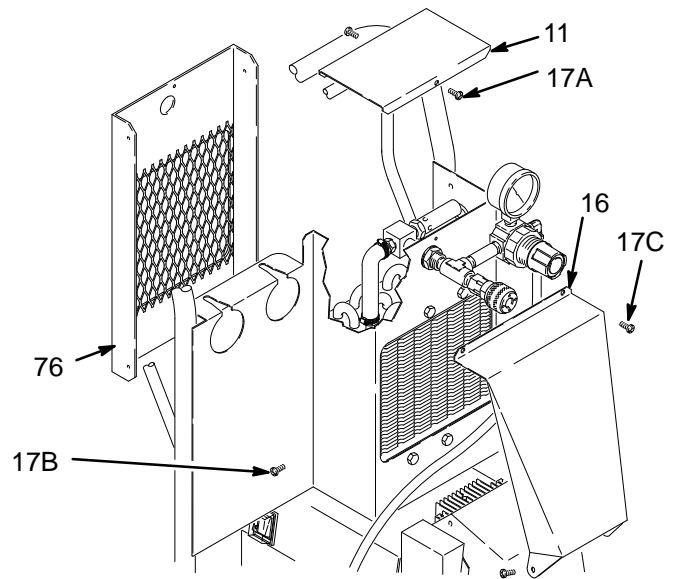


Fig. 14

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7. Remove the hose (8) from the cooler. See Fig. 15
8. Remove the screws (49) and cooler (44). Inspect and replace the cooler, if necessary. See Fig. 15.

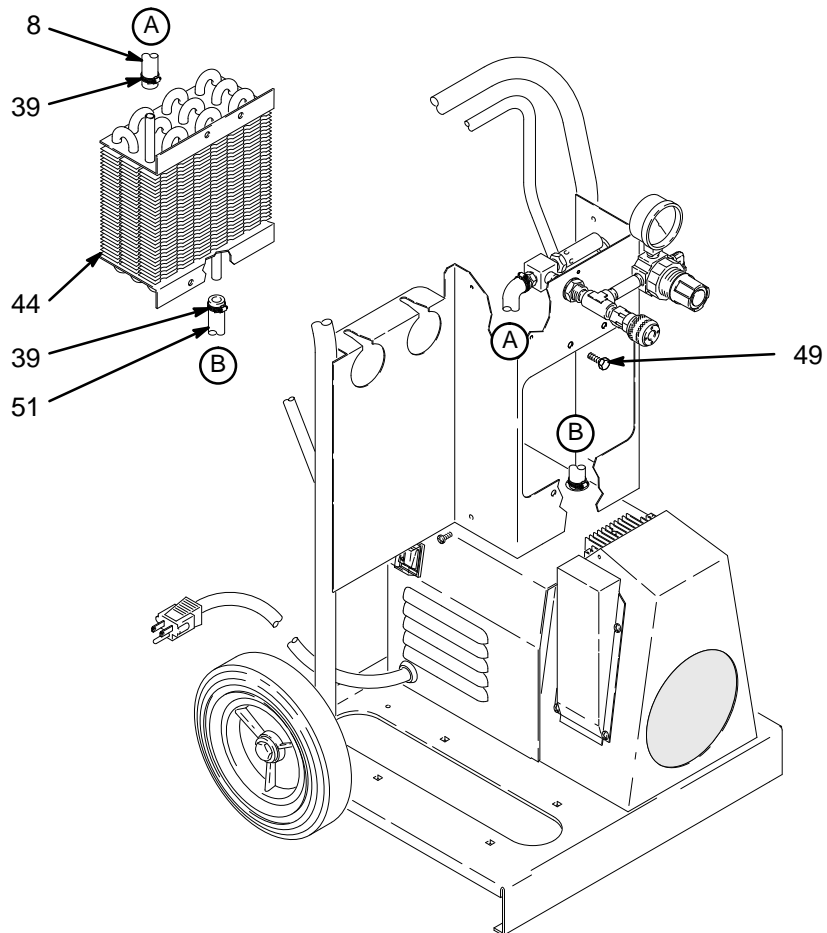


Fig. 15

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Compressor Repair

⚠ WARNING



HOT SURFACE HAZARD

Be sure the compressor duct work is cool before removing it. If the sprayer was operated recently, it will be very hot and can cause burns!

NOTE: Clean the cooler whenever the compressor is serviced.

NOTE: A compressor rebuild kit is available; see manual 308–185. The kit includes instructions. For repair assistance or for compressor service center locations, call your local Graco distributor or 1-800-888-2468.

1. Follow the **Pressure Relief Procedure**. See page 2.
2. Remove the hopper. See page 5.

3. Disconnect the pump ground wire (57) at A. Remove the two front screws (26A) and loosen the two rear screws (26B). Move the pump (35) out of the way.
4. Remove the air filter (21).
5. Remove the three screws (17A). Pull the cover (23) straight out.
6. Pull the bracket (22) up and off.
7. Remove the two screws (17B) and the four screws (17C). Remove the shroud (B).
8. If you are only rebuilding the compressor (48), see manual 308–185. Clean the air filter (21) and reassemble the unit.

NOTE: To remove the compressor, continue on page 17.

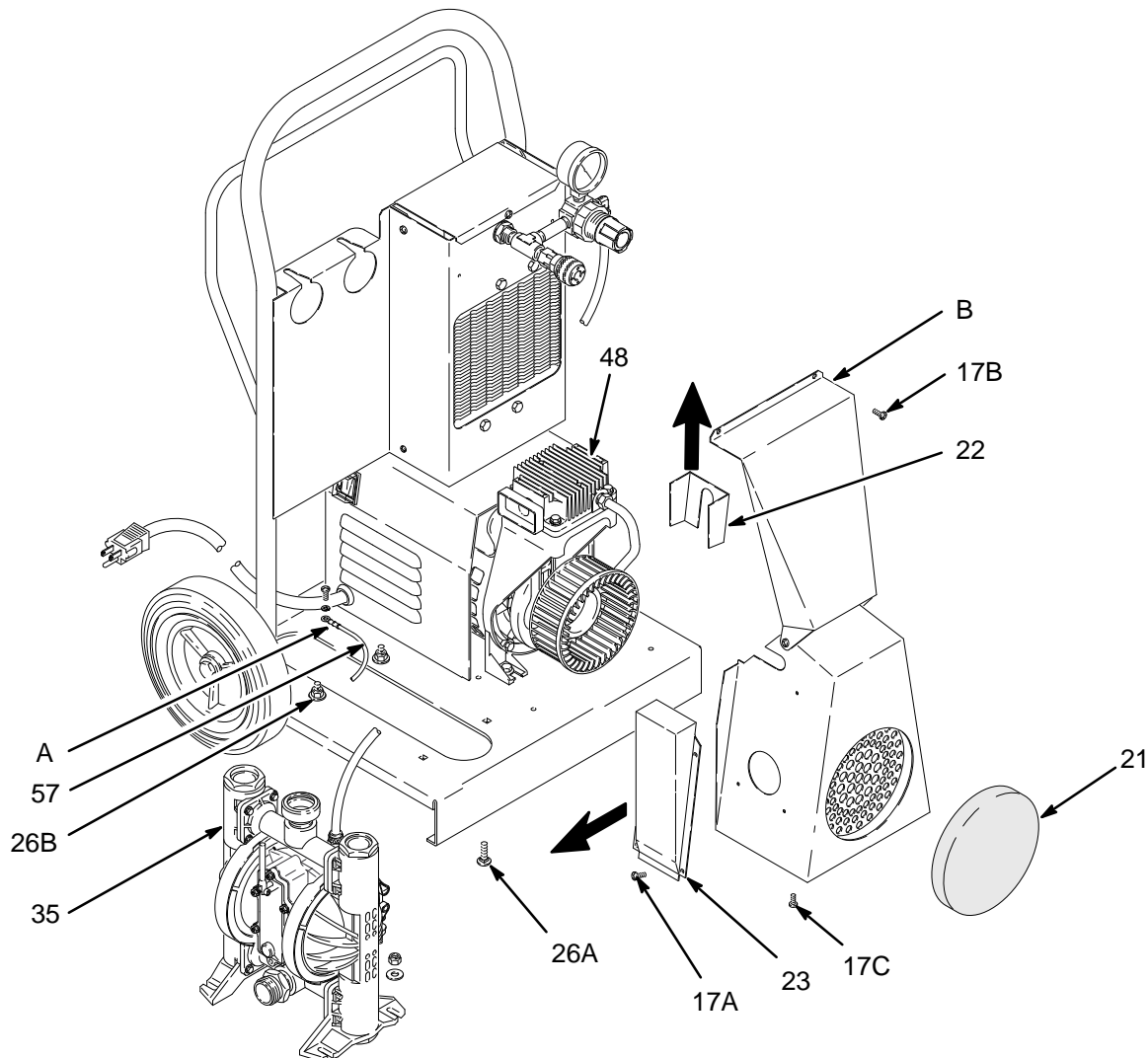


Fig. 16

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Compressor Repair

9. Remove the screw (17A) from the top cover (11). See Fig. 17.
10. Remove the screws (17B) and the back cover (76). See Fig. 17.
11. Remove the screws (17C) and the lower back cover (13).
12. Disconnect the wires at the compressor motor. They are located behind the access plate (E).
13. At the compressor, disconnect the end of the tube (19). Be careful not to bend the tube.
14. Remove the front screws (25) and loosen the rear screws (27). Pull the compressor (48) forward.
15. Replace the compressor motor in the reverse order of disassembly. Be sure the silicon sleeve (53) is in place when securing the tube (19) to the front of the compressor. Add sealant (93) to the threads of nut (54). Hold tube (19) securely in place when tightening nut (54).

NOTE: See the wiring diagram on page 20.

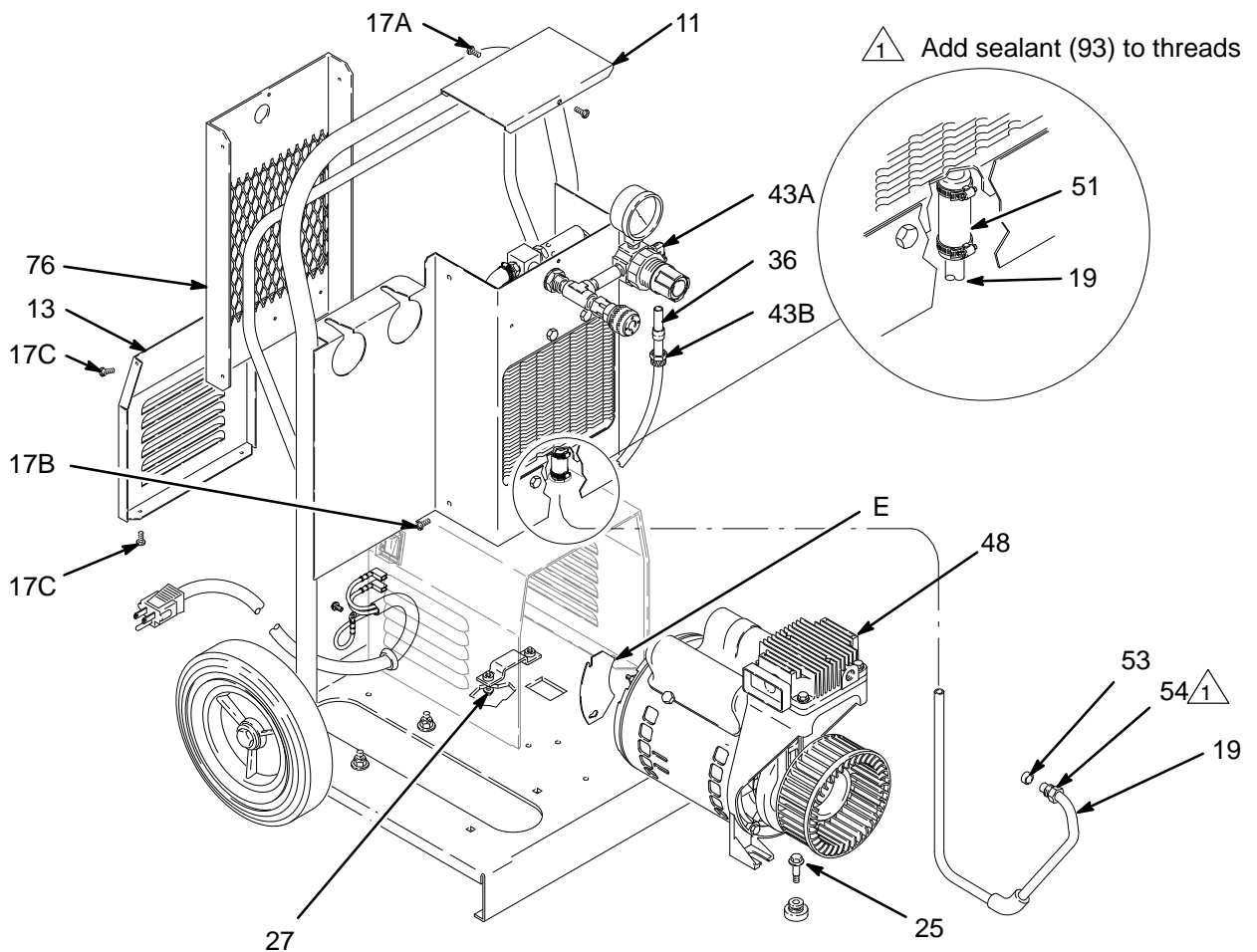


Fig. 17

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Parts – Sprayer

NOTE: See additional sprayer parts list and drawing on pages 20 and 21.

Model 231–323

with 3/4 in. fluid hose, 3/8 in. air hose, and gun
Includes all parts shown *except* 71.

Model 231–324

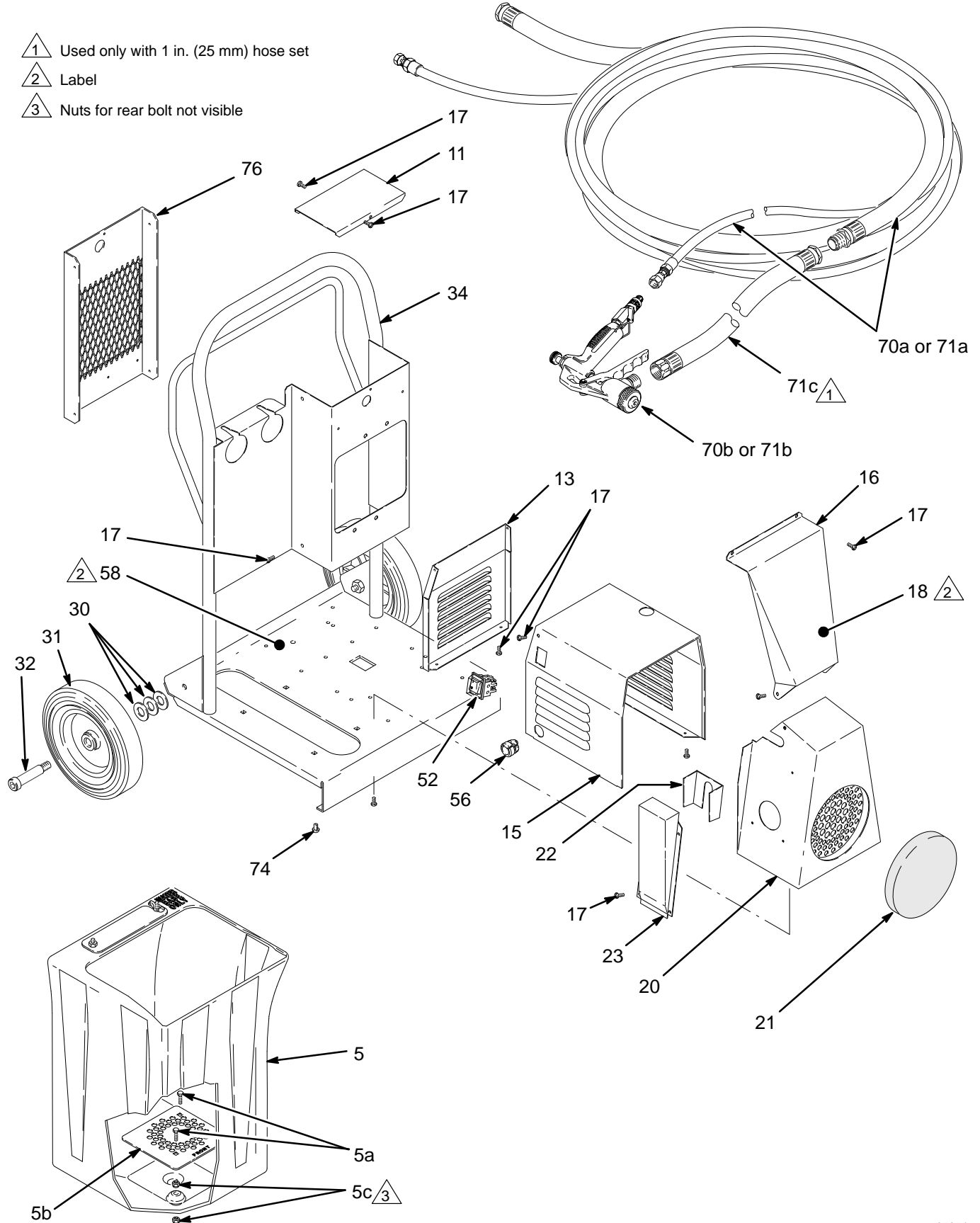
with 1 in. fluid hose, 3/8 in. air hose, and gun
Includes all parts shown *except* 70.

Ref No	Part No.	Description	Qty
5	236–521	HOPPER ASSEMBLY Includes replaceable items 5a–5c	1
5a	104–119	. BOLT	2
5b	189–123	. STRAINER	1
5c	102–040	. LOCKNUT, 1/4–20	6
11	189–264	TOP COVER SHIELD	1
12▲	189–285	CAUTION LABEL	4
13	189–119	ENDBELL SHROUD	1
14▲	189–286	WARNING LABEL	4
15	189–120	MOTOR SHROUD	1
16	189–452	SPLASH SHIELD	1
17	113–400	SCREW, No.10–24 x 0.5 in.	27
18	189–252	IDENTIFICATION LABEL	1
20	236–503	SHROUD	1
21	189–284	AIR FILTER	1
22	189–251	AIR INTAKE BRACKET	1
23	189–143	AIR INTAKE HOUSING	1
28	187–439	MOUNTING BRACKET	1
29	100–321	HEX NUT, 1/2–13	2
30	109–570	WASHER, 1/2 in.	4
31	112–6155	WHEEL	2
32	101–147	BOLT	2
34	236–370	FRAME	1
37▲	189–265	DANGER LABEL	1
52	109–574	TOGGLE SWITCH	1
56	104–514	STRAIN RELIEF BUSHING	1
58▲	186–620	GROUND SYMBOL LABEL	2
70	236–512	3/4 in. HOSE AND GUN KIT includes items 70a and 70b	1
70a	236–372	. HOSE SET, 3/4 in. fluid hose, 3/8 in. air hose	1
70b	224–722	. TEXTURE GUN see manual 308–162 for parts	1
71	236–513	1 in. HOSE AND GUN KIT includes items 71a, 71b, 71c	1
71a	236–519	. HOSE SET, 1 in. fluid hose, 3/8 in. air hose	1
71b	224–722	. TEXTURE GUN see manual 308–162 for parts	1
71c	187–633	. HOSE ADAPTER	1
74	113–405	RIVET, push, .25	2

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

Parts – Sprayer

NOTE: See additional sprayer parts list and drawing on pages 20 and 21.



Parts – Sprayer

Model 231–323 with 3/4 in. fluid hose, 3/8 in. air hose
Includes all parts shown

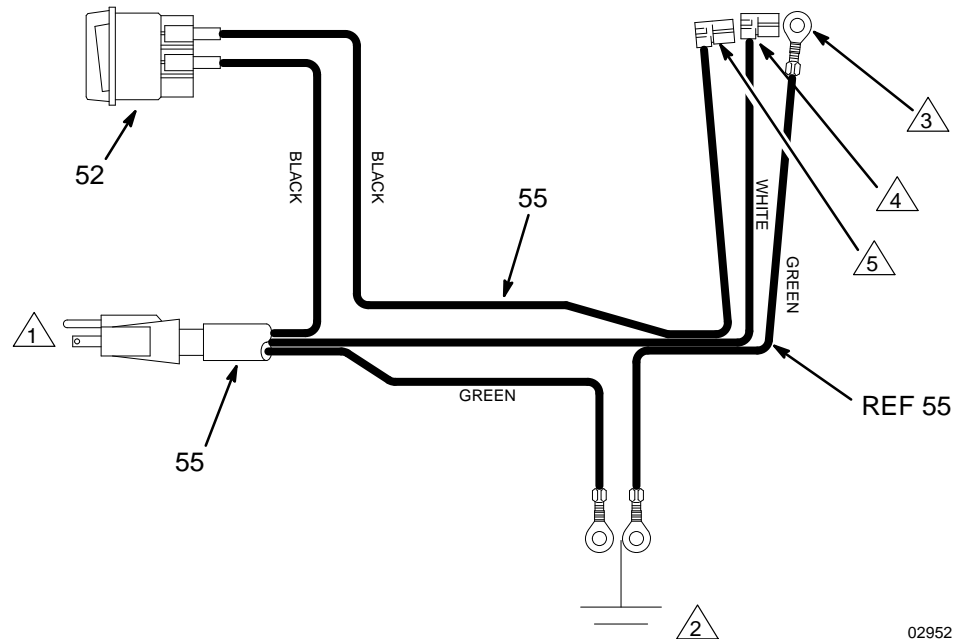
NOTE: See additional sprayer parts list and drawing on pages 18 and 19.

Model 231–324 with 1 in. fluid hose, 3/8 in. air hose
Includes all parts shown on pages 26 and 27

Ref No	Part No.	Description	Qty
6	111-563	90° COMPRESSION ELBOW	2
8	113-380	HOSE, air, 4 in.	1
9	111-562	NIPPLE, 1/4-18 npt, 1.38 in.	2
10	103-347	SAFETY VALVE	1
19	238-165	AIR INLET TUBE	1
24	111-585	VIBRATION PAD	2
25	112-389	HEX HEAD SHOULDER SCREW, 1/4-28 unf-2a	2
26	111-570	BOLT, carriage, 1/4-20 x 0.75 in.	4
33	100-527	WASHER	4
35	237-826	PUMP (see Manual 308-399 for parts and service)	1
36	189-260	AIR TUBE	1
38	104-641	BULKHEAD UNION, 3/4-20 x 1/4-18 npt	1
39	113-382	CLAMP, hose	4
40	113-385	BARB, hose	1
41	183-663	TEE, pipe	1
42	189-255	ADAPTER, 1/4 npt (m x f)	1
43	101-959	COMPRESSION ELBOW	1
44	187-480	AIR COOLER	1
48	236-526	AIR COMPRESSOR	1
		(see Manual 308-185 for parts and service)	
49	100-333	CAPSCREW, 1/4-20 x 0.5 in.	4
50	208-536	AIR LINE COUPLER	1
51	113-381	HOSE, air, 1.5 in.	1
53	111-573	SLEEVE	1
54	111-572	COMPRESSION NUT	1
55	236-374	POWER CORD	1
57	236-369	GROUND WIRE, 9.5 in.	2
59	236-375	ELECTRICAL CONDUCTOR	1
65	111-583	VIBRATION PAD	1
69	100-718	LOCKWASHER, No. 10	3
80	111-593	SCREW	1
93	110-110	SEALANT, pipe thread, PST (not shown)	1
94	106-228	TEE, street	1
95	100-628	NIPPLE, 1/4 in., 2.12 l	1
96	100-606	NIPPLE, 1/4 in., 0.88 l	1
102	113-406	REGULATOR, air	1
102a	100-139	PLUG, 1/8 in. npt (included in 102)	1
103	111-598	GUAGE, pressure	1

Wiring Diagram

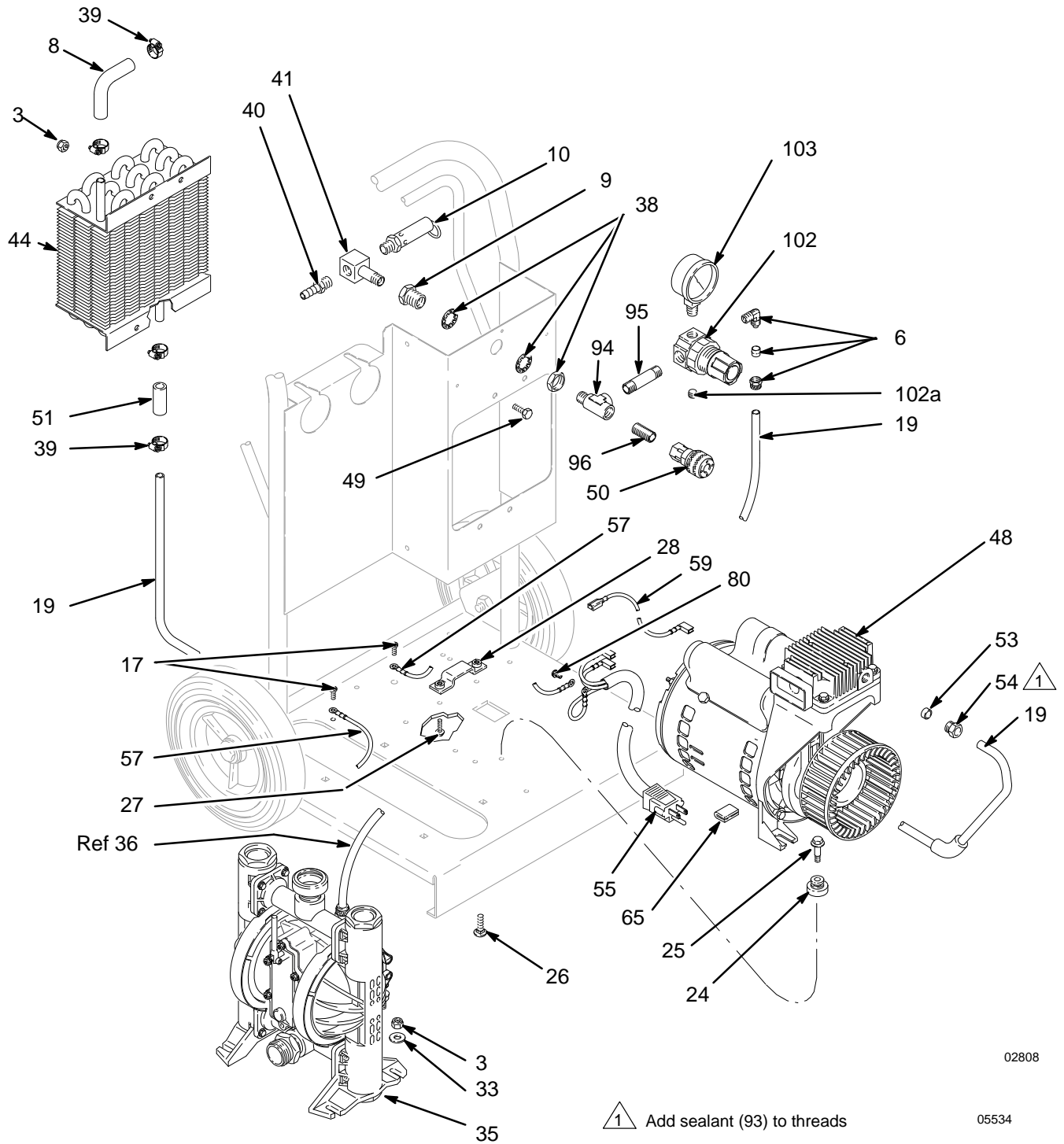
- 1 To power
- 2 Ground
- 3 To ground
- 4 L2 to compressor
- 5 L1 to compressor



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Parts – Sprayer

NOTE: See additional sprayer parts list and drawing on pages 18 and 19.



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Technical Data

Maximum Air and Fluid
Working Pressure 100 psi (6.9 bar)
Air Pressure Operating Range . 25–100 psi (1.75–7 bar)
Compressor Specifications .. AC brushless open motor,
thermally protected, oilless;
110/230 Volt, 15/7.5 Amp
Compressor Air Consumption . 11.9 displacement SCFM
8.5 scfm at 40 psi (0.238 m³/min at 2.8 bar)
6.8 scfm at 90 psi (0.19 m³/min at 6.3 bar)
Maximum Delivery with
Texture Material 1–1.5 gpm (3.8–5.7 lpm)
Hopper Capacity gallons (30 liters)

Dimensions
Length 17 in. (432 mm) with handle
21.5 in. (546 mm) without handle
Width 21.5 in. (546 mm)
Height 33 in. (838 mm)
Weight System w/o hoses or gun 85 lb (38 kg)
System with hoses and gun 100 lb (45 kg)
Wetted Parts Acetal, Glass-Filled Acetal,
Buna-N, Aluminum, Brass, polyethylene

Graco Phone Number

TO PLACE AN ORDER, contact your Graco distributor, or call this number to identify the distributor closest to you:
1–800–367–4023 Toll Free

The Graco Warranty and Disclaimers

WARRANTY

Graco warrants all equipment manufactured by it and bearing its name to be free from defects in material and workmanship on the date of sale by an authorized Graco distributor to the original purchaser for use. As purchaser's sole remedy for breach of this warranty, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment proven 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, 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 with Graco equipment of 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 claim. 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.

DISCLAIMERS AND LIMITATIONS

The terms of this warranty constitute purchaser's sole and exclusive remedy and are in lieu of any other warranties (express or implied), **including warranty of merchantability or warranty of fitness for a particular purpose**, and of any non-contractual liabilities, including product liabilities, based on negligence or strict liability. Every form of liability for direct, special or consequential damages or loss is expressly excluded and denied. In no case shall Graco's liability exceed the amount of the purchase price. Any action for breach of warranty must be brought within two (2) years of the date of sale.

EQUIPMENT NOT COVERED BY GRACO WARRANTY

Graco makes no warranty, and disclaims all implied **warranties of merchantability and fitness for a particular purpose**, with respect to accessories, equipment, materials, or components sold but not manufactured by Graco. These items sold, but not manufactured by Graco (such as electric motor, 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.

Sales Offices: Atlanta, Chicago, Detroit, Los Angeles,
Foreign Offices: Belgium; Canada; England; Korea; Switzerland; France; Germany; Hong Kong; Japan

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