

Instructions – Parts List



STAINLESS STEEL (ASME)

2-Gallon Pressure Tanks

308370L

Maximum Air Inlet Pressure: 100 psi (0.7 MPa, 7 bar)

Maximum Working Fluid Pressure

Low-Pressure Regulated Tank: 15 psi (0.1 MPa, 1 bar)

(for HVLP or low-pressure, fine-adjustment applications)

High-Pressure Regulated Tank: 100 psi (0.7 MPa, 7 bar)

Pressure Tank Regulation	Pressure Tank	Pressure Tank with Agitator
Low Pressure	236155 **	236156 * †
High Pressure	236157 **	236158 * †

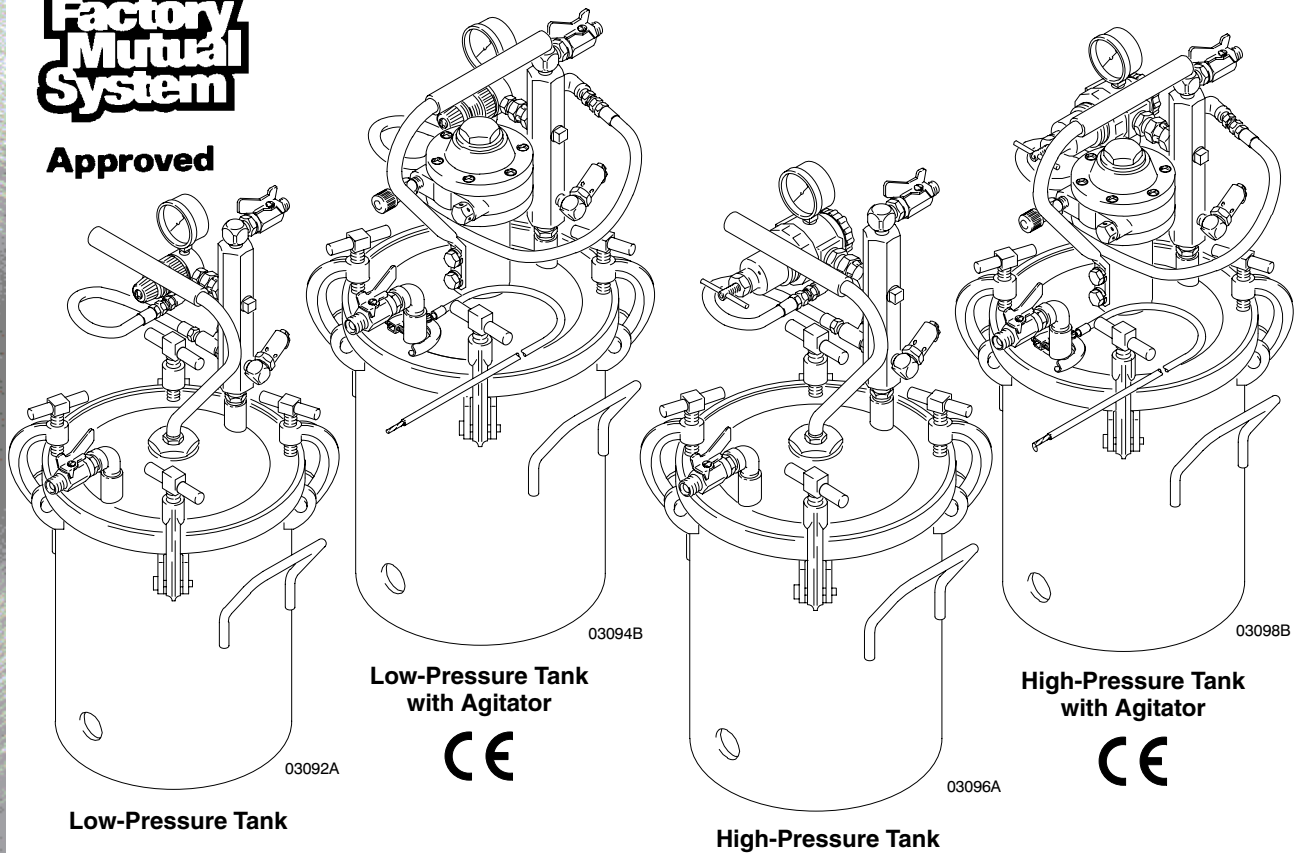
* These items are CE marked. † These items are **CE** 0359 **Ex** II 1/2 G T6
ITS03ATEX11251

** These items conform to the Pressure Equipment Directive; however, they are not CE marked per said directive.

All items are intended for flammable liquids and are assessed to the Pressure Equipment Directive as such.

**Factory
Mutual
System**

Approved



Low-Pressure Tank

Low-Pressure Tank
with Agitator

High-Pressure Tank

High-Pressure Tank
with Agitator

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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



INSTRUCTIONS

EQUIPMENT MISUSE HAZARD

Equipment misuse can cause the equipment to rupture or malfunction and result in serious injury.

- 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 your Graco distributor.
- Do not alter or modify this equipment. Use only genuine Graco parts.
- 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. The maximum working fluid pressure of the low-pressure regulated tanks is 15 psi (0.1 MPa, 1 bar). The maximum working fluid pressure of the high-pressure regulated tanks is 100 psi (0.7 MPa, 7 bar)
- Use fluids and solvents which are compatible with the equipment wetted parts. Refer to the **Technical Data** section of all equipment manuals. Read the fluid and solvent manufacturer's warnings.
- Always wear protective eyewear, gloves, clothing, and respirator as recommended by the fluid and solvent manufacturer.
- Comply with all applicable local, state, and national fire, electrical, and safety regulations.

WARNING



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.

- Ground the equipment and the object being sprayed. Refer to **Grounding** on page 5.
- 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.
- Do not use 1,1,1-trichloroethane, methylene chloride, other halogenated hydrocarbon solvents, or fluids containing such solvents in aluminum pumps. Such use could result in a serious chemical reaction, with the possibility of explosion.
- Do not use kerosene or other flammable solvents or combustible gases to flush the unit.
- Provide fresh air ventilation to avoid the buildup of flammable fumes from solvents or the fluid being sprayed.
- Keep the spray area free of debris, including solvent, rags, and gasoline.
- Before operating this equipment, electrically disconnect all equipment in the spray area.
- Before operating this equipment, extinguish all open flames or pilot lights in the spray area.
- Do not smoke in the spray area.
- Do not turn on or off any light switch in the spray area while spraying or while there are any fumes in the air.
- Do not operate a gasoline engine in the spray area.



MOVING PARTS HAZARD

Moving parts, such as the rotating blades of the agitator, can pinch or amputate your fingers or other body parts and can cause splashing in the eyes or on the skin.

- Keep clear of all moving parts when starting or operating the agitator.
- Always shut off the agitator and disconnect the air line before adjusting the angle of the agitator, removing the agitator from the drum, or checking or repairing any part of the agitator.



HAZARDOUS VAPORS

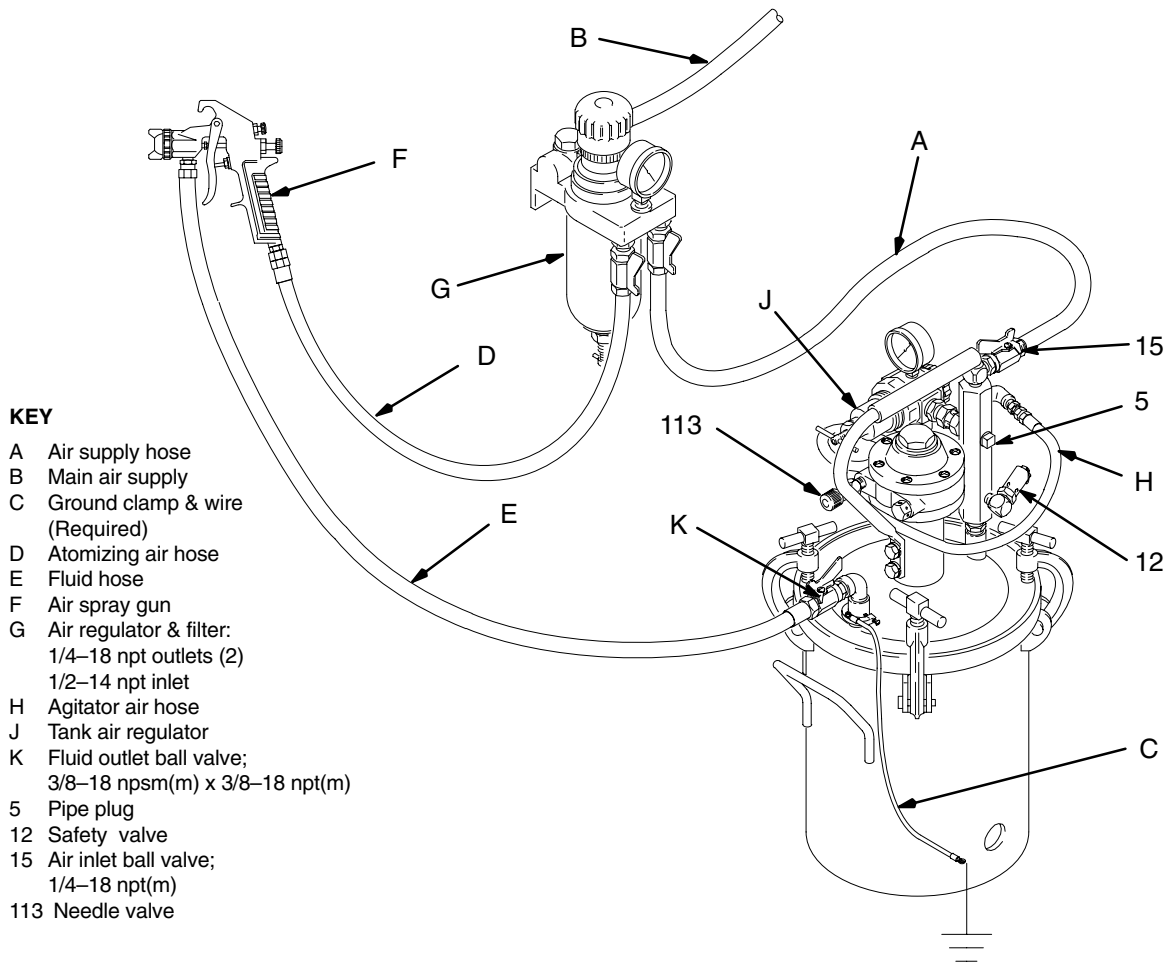
Hazardous fluids or toxic fumes can cause serious injury or death if splashed in the eyes or on the skin, swallowed, or inhaled. When flushing the air motor, keep your face away from the exhaust port.

United States Government safety standards have been adopted under the Occupational Safety and Health Act. You should consult these standards -- particularly the General Standards, Part 1910, and the Construction Standards, Part 1926.

Typical System

Reference numbers and letters in parentheses in the text refer to references in the illustrations and the parts drawings.

See page 18 for **Accessories** that are available from Graco. Be sure that all accessories are properly sized to withstand the pressures in the system.



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Fig. 1

Installation

WARNING



FIRE AND EXPLOSION HAZARD

Always maintain a minimum of 1 in. clearance between rotating agitator parts and container to prevent sparks from contact.

Pressure Relief Procedure

WARNING

PRESSURIZED EQUIPMENT HAZARD

The pressure tanks remain pressurized until pressure is manually relieved. To reduce the risk of serious injury from pressurized fluid or accidental spray from the gun, always follow this procedure to relieve pressure in the tank at the following times:

- Before you check or service any part of the spray system
- Before you loosen or remove the pressure tank cover or fill port
- Whenever you stop spraying

1. Shut off the air supply to the tank by closing the air inlet valve (15). Refer to Fig. 2.
2. Open the drain cock fitting (7) by turning it counterclockwise. Refer to Fig. 3.
3. Wait until there is no air escaping through the drain cock fitting before removing the cover or opening the fill port.
4. Leave the drain cock fitting (7) open until you have reinstalled the cover or fill port.

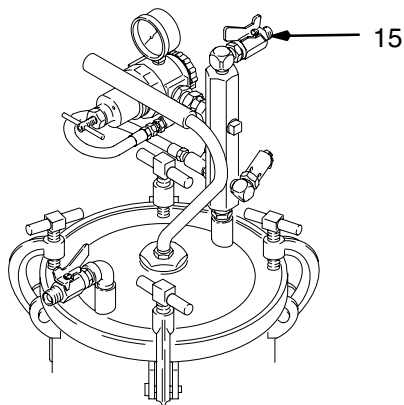


Fig. 2

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Grounding

Check your local code for detailed grounding instructions for your area and type of equipment. Be sure to ground the pressure tank by connecting one end of a 12 awg (1.5 mm²) minimum ground wire to the pressure tank and the other end of the wire to a true earth ground.

Connecting Hoses

See Fig. 2. Connect an air supply hose to the 1/4 npt(m) air inlet valve (15) and your air supply. Install an air regulator and filter (G) upstream from the air inlet valve to remove dirt and moisture from your air supply. See **Accessories** on page 18. Connect a fluid hose (E) between the 3/8 npsm(m) outlet valve (K) and the fluid inlet of your spray gun.

To add a second air regulator to control air to a spray gun, see **Accessories** on page 18 for Gun Air Regulator Kit. The second air regulator installs in place of pipe plug (5). See Fig. 3.

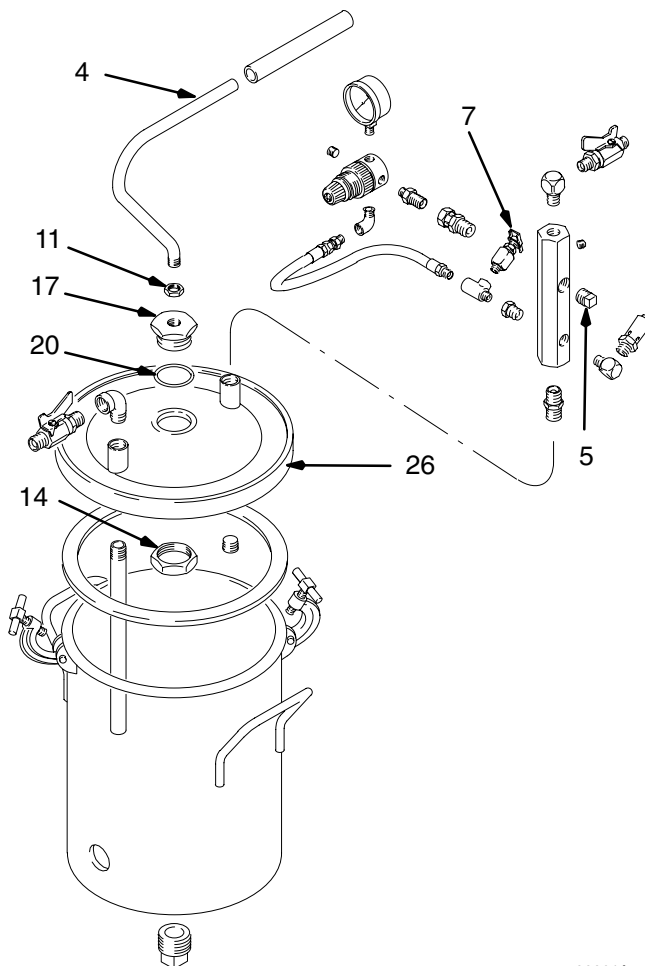


Fig. 3

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Installation

Recommended Hose Sizes (general purpose)

Fluid		Air	
For runs of:	Use:	For runs of:	Use:
0 to 35 ft (0 to 11 m)	3/8" ID	0 to 50 ft (0 to 15 m)	5/16" ID
35 to 100 ft (11 to 30 m)	1/2" ID	50 to 100 ft (15 to 30 m)	3/8" ID
100 to 200 ft (30 to 61 m)	3/4" ID	100 ft+ (30 m+)	1/2" ID

Installing An Agitator

1. Follow the **Pressure Relief Procedure** on page 5.

⚠ WARNING

PRESSURIZED EQUIPMENT HAZARD

This is a pressurized tank. Always follow the **Pressure Relief Procedure** on page 5 before opening the tank cover or fill port. This reduces the risk of serious injury, including splashing in the eyes or on the skin, or injury from moving parts. These injuries can result if the tank pressure is not fully relieved.

2. Remove the cover (26) from the tank. Remove the hex jam nut (14) from bottom of the cover. Remove the o-ring (20), adapter plug (17), and handle (4). Keep the hex jam nut (14). See Fig. 3.
3. Fit the gasket (217) under the coupling housing (112), and place the motor shaft (111) through cover's center hole. Screw the hex jam nut (14) onto the coupling housing, and torque it to 50 ft-lb (68 N-m). See Fig. 4.
4. Position the shaft coupling (218) over the motor shaft (111), and tighten the top setscrew into shaft. Insert the shaft (220) into the shaft coupling, and tighten the lower setscrew into the shaft. Thread on the nut (221), mixer blade (222), washer (223), and nut (224). See Fig. 4.
5. Connect the elbow (105) to the manifold (10) in place of plug. Connect the agitator hose (114) to the elbow (105). See Fig 4.

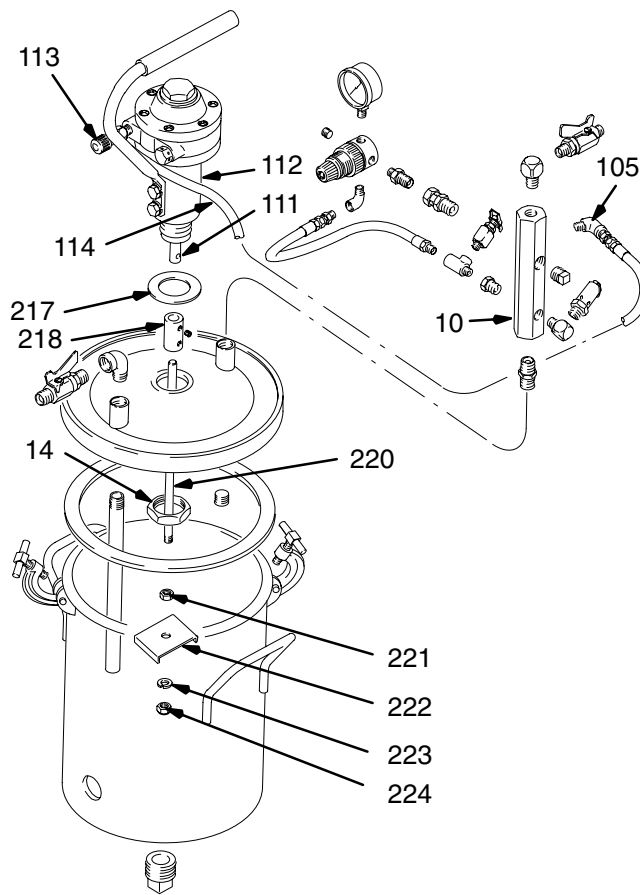


Fig. 4

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Operation

WARNING

PRESSURIZED EQUIPMENT HAZARD

This is a pressurized tank. Always follow the **Pressure Relief Procedure** on page 5 before opening the tank cover or fill port. This reduces the risk of serious injury, including splashing in the eyes or on the skin, or injury from moving parts. These injuries can result if the tank pressure is not fully relieved.

Preparing the Fluid

Prepare the fluid according to the manufacturer's instructions. Strain the fluid to remove large particles that could clog the spray gun or the siphon tube.

Filling the Tank

1. Before filling the tank, follow the **Pressure Relief Procedure** on page 5.
2. Place fluid into the tank by one of the following methods:
 - a. Remove the cover and place a 2-gallon antistatic polyethylene liner in the tank. Pour the fluid into the antistatic polyethylene liner (see **Accessories**, page 18).
 - b. Fill the tank through the fill port in the cover, or remove the cover and pour fluid directly into the tank.
3. Replace the cover and tighten the c-clamp handles securely.

Operating the Pressure Tank (See Fig. 2.)

1. Close the tank air regulator (J) by turning the knob *counterclockwise* and turn on the air supply.

WARNING

Overpressurizing the tank or accessories could cause a part to rupture. To reduce the risk of serious injury, including splashing in the eyes or on the skin and property damage, never exceed the maximum air and fluid working pressure of the lowest-rated component in your system.

2. Open the air inlet ball valve (15).

CAUTION

Do not operate the agitator at a high speed for a long period of time. Excessive agitator speed can cause foaming of fluid (making the fluid unusable), vibration, and increased wear on the parts. Always agitate the fluid only enough to maintain even mixing.

3. Start and adjust the agitator:
 - a. Slowly open the needle valve (113).
 - b. Adjust the speed of the agitator, with the needle valve, to about 40 to 60 rpm.
4. Adjust the tank air regulator (J) to the approximate pressure desired.
5. Open fluid outlet ball valve (K).
6. Turn on the atomizing air to the air spray gun. Test spray a small area and adjust the pressure as necessary. Always use the lowest possible air pressure to obtain the desired results.

Safety Relief Valve

A safety relief valve (12) will automatically relieve the tank pressure when the air pressure exceeds 95 to 100 psi (0.5 to 0.6 MPa, 6.5 to 7 bar). Refer to Fig. 2 or the parts drawings.

Each week, check the working order of the safety relief valve. *Only as a test*, raise the air pressure to 95 to 105 psi (0.5 to 0.6 MPa, 6.5 to 7.1 bar). If the safety relief valve does not relieve the pressure, replace it immediately. Do not attempt to repair it. The safety relief valve will reset automatically when the pressure is relieved.

Maintenance

⚠ WARNING

PRESSURIZED EQUIPMENT HAZARD

This is a pressurized tank. Always follow the **Pressure Relief Procedure** on page 5 before opening the tank cover or fill port. This reduces the risk of serious injury, including splashing in the eyes or on the skin, or injury from moving parts. These injuries can result if the tank pressure is not fully relieved.

Cleaning the Tank

1. First follow the **Pressure Relief Procedure** on page 5.
2. Follow the procedure below to force the fluid back through the hose and into the tank:
 - a. Loosen the spray gun air cap retaining ring about two turns.
 - b. Hold a rag over the air cap, and trigger the gun for a few seconds until the fluid is forced back into the tank.
3. Remove the tank cover.
4. Empty the fluid from the tank and pour a suitable amount of solvent into it.

⚠ CAUTION

Be sure that the solvent you use is compatible with the fluid being sprayed. Read **Equipment Misuse Hazard** on page 2.

5. Replace the tank cover and tighten the c-clamps.
6. Close the drain cock fitting (7).
7. Turn on the air supply.
8. Hold a metal part of the gun against a grounded metal container, and trigger the gun into the container until clean solvent comes from the gun.
9. Remove the solvent from the system and wipe the inside of the tank and the rest of the equipment clean with a solvent-dampened rag.

Maintaining Air Regulator

See separate instruction manual 307204 for care and maintenance of air regulator.

Maintaining the Agitator Air Motor

(See Fig. 5.)

Lubricate agitator motor as follows whenever it will be shut down for more than 8 hours: Remove the air motor cap, and apply 15 to 20 drops of oil in the oiler. Replace the cap, and run agitator for about 1/2 minute.

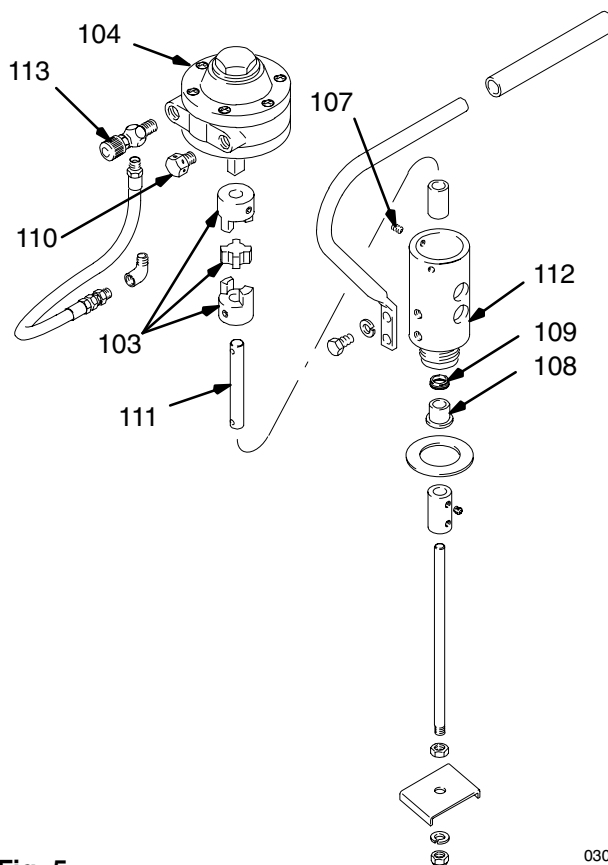


Fig. 5

⚠ WARNING

To reduce risk of serious bodily injury, including splashing kerosene in the eyes or on skin, keep face and body away from exhaust while flushing.

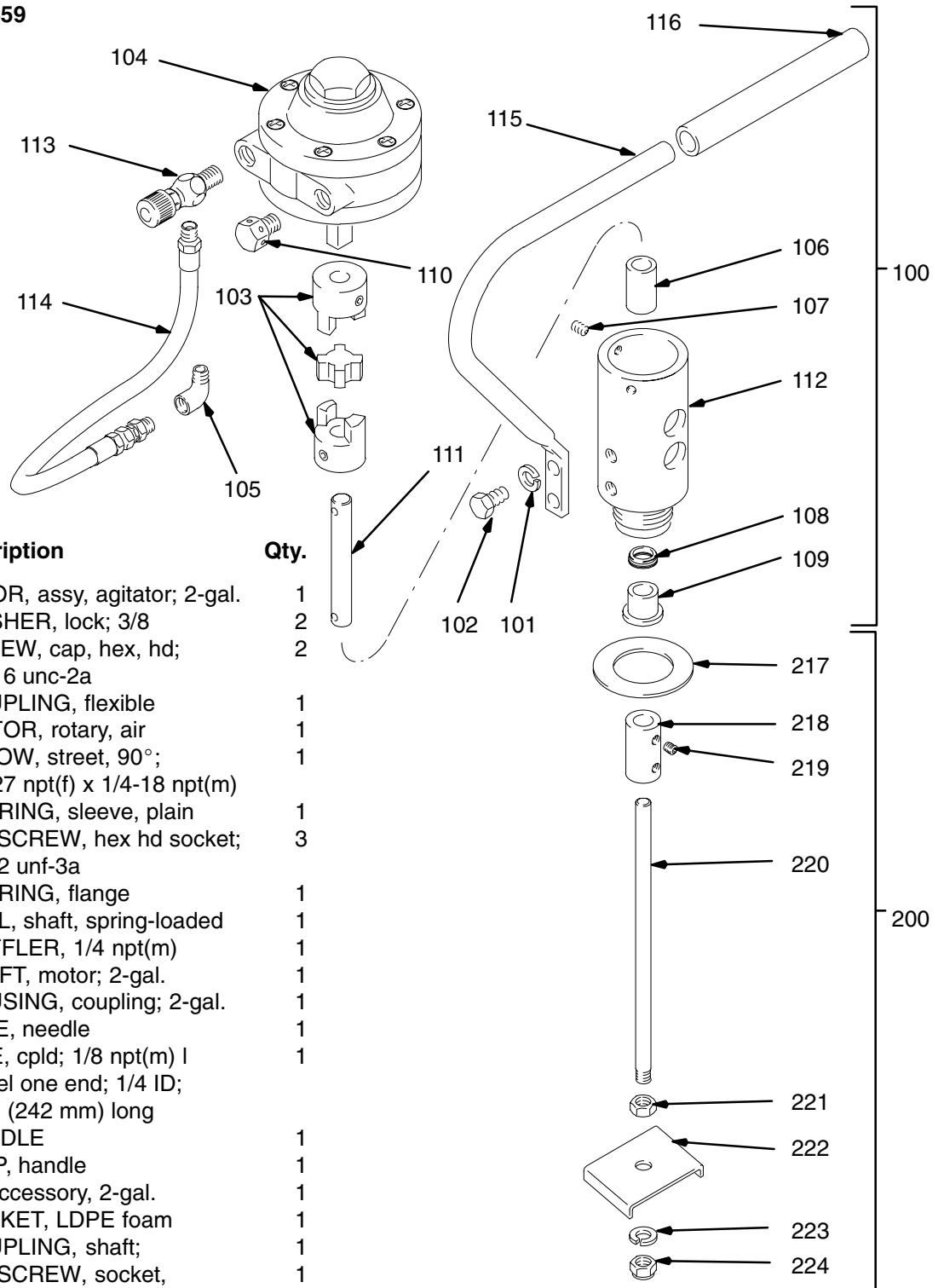
If air motor doesn't run smoothly and easily, flush it out by removing the muffler (110) and filling the muffler cavity with kerosene. Screw muffler back in. Soak for about 10 minutes, then run agitator slowly until all kerosene is blown out. Repeat process if motor still doesn't run smoothly.

If air motor still doesn't operate properly, contact an authorized Graco service representative. **Do not** attempt to service it yourself.

If air leaks around the motor shaft (111) due to wear, the shaft may be inverted. Loosen the setscrews (107) around the top of the coupler housing (112) and remove the motor (104). Push the motor shaft up through the bottom of the housing. Loosen the bottom setscrew of the flexible coupling (103) and remove the motor shaft. Turn the motor shaft around, reposition the flexible coupling and tighten setscrew. Fit the seal (109) and bearing (108) into housing, then push the shaft and coupling through the housing. Reposition housing onto motor and tighten screws. See **Parts Drawing** on page 9.

Parts

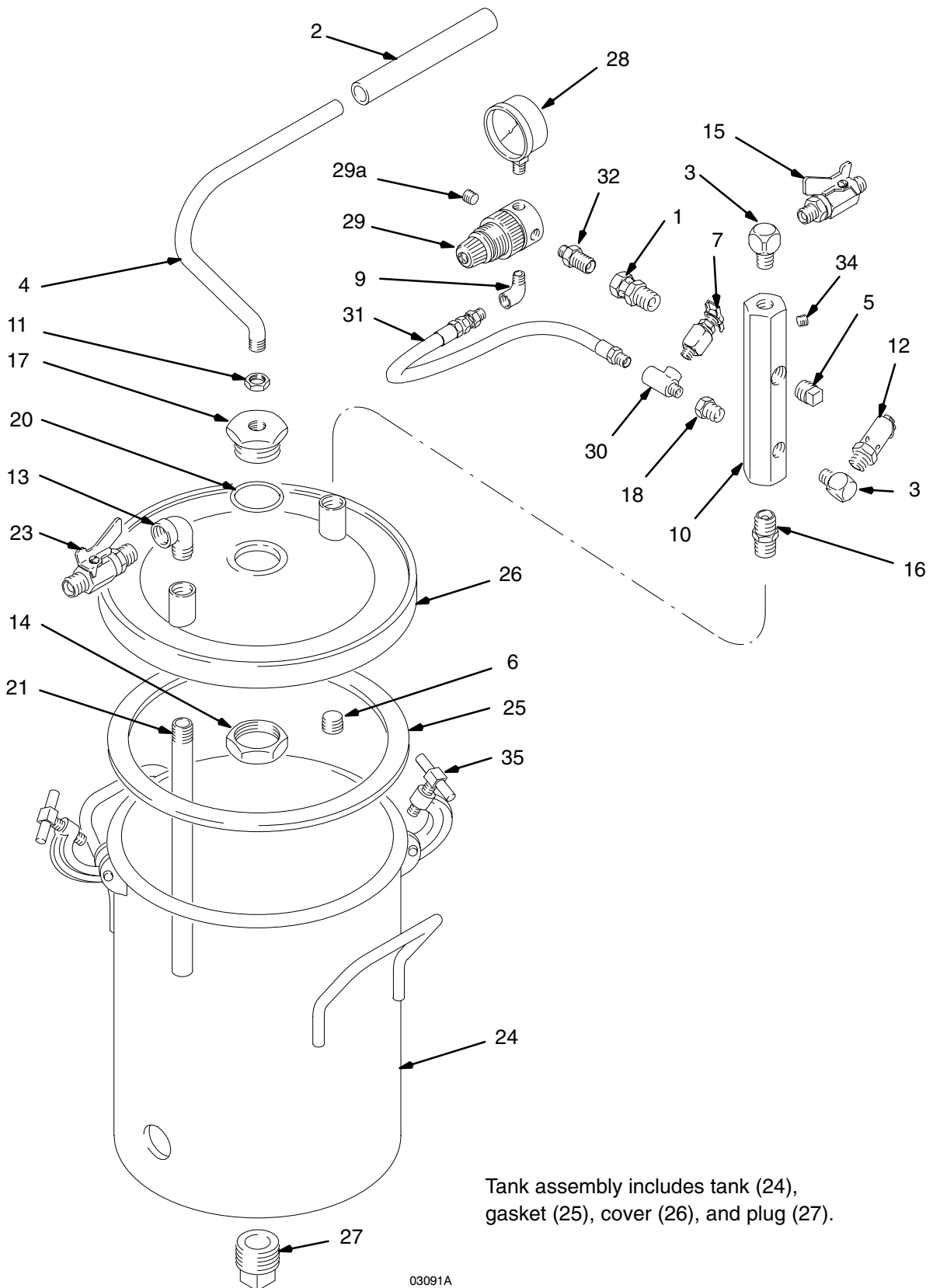
Agitator, Model 236859



Ref. No.	Part No.	Description	Qty.
100	236097	MOTOR, assy, agitator; 2-gal.	1
101	100133	· WASHER, lock; 3/8	2
102	100575	· SCREW, cap, hex, hd; 3/8-16 unc-2a	2
103	100828	· COUPLING, flexible	1
104	101140	· MOTOR, rotary, air	1
105	112307	· ELBOW, street, 90°; 1/8-27 npt(f) x 1/4-18 npt(m)	1
106	104391	· BEARING, sleeve, plain	1
107	102387	· SETSCREW, hex hd socket; 10-32 unf-3a	3
108	105286	· BEARING, flange	1
109	105285	· SEAL, shaft, spring-loaded	1
110	156969	· MUFFLER, 1/4 npt(m)	1
111	188883	· SHAFT, motor; 2-gal.	1
112	188882	· HOUSING, coupling; 2-gal.	1
113	206264	VALVE, needle	1
114	164724	HOSE, cpld; 1/8 npt(m) swivel one end; 1/4 ID; 10 in (242 mm) long	1
115	175074	· HANDLE	1
116	176184	· GRIP, handle	1
200	236860	KIT, accessory, 2-gal.	1
217	196309	· GASKET, LDPE foam	1
218	185460	· COUPLING, shaft;	1
219	110272	· SETSCREW, socket, hd cup pt; 1/4 npt x 3/8	1
220	188892	· SHAFT, 2-gal.; 3/8-16 unc-2a	1
221	112309	· NUT, hex, jam; sst	1
222	110275	· BLADE, mixer; polypropylene	1
223	110273	· WASHER, lock	1
224	110271	· NUT, hex, cap; 3/8-16 npt	1

Parts Drawing

Low-Pressure Stainless Steel (ASME) Tank
Model 236155



Tank assembly includes tank (24),
gasket (25), cover (26), and plug (27).

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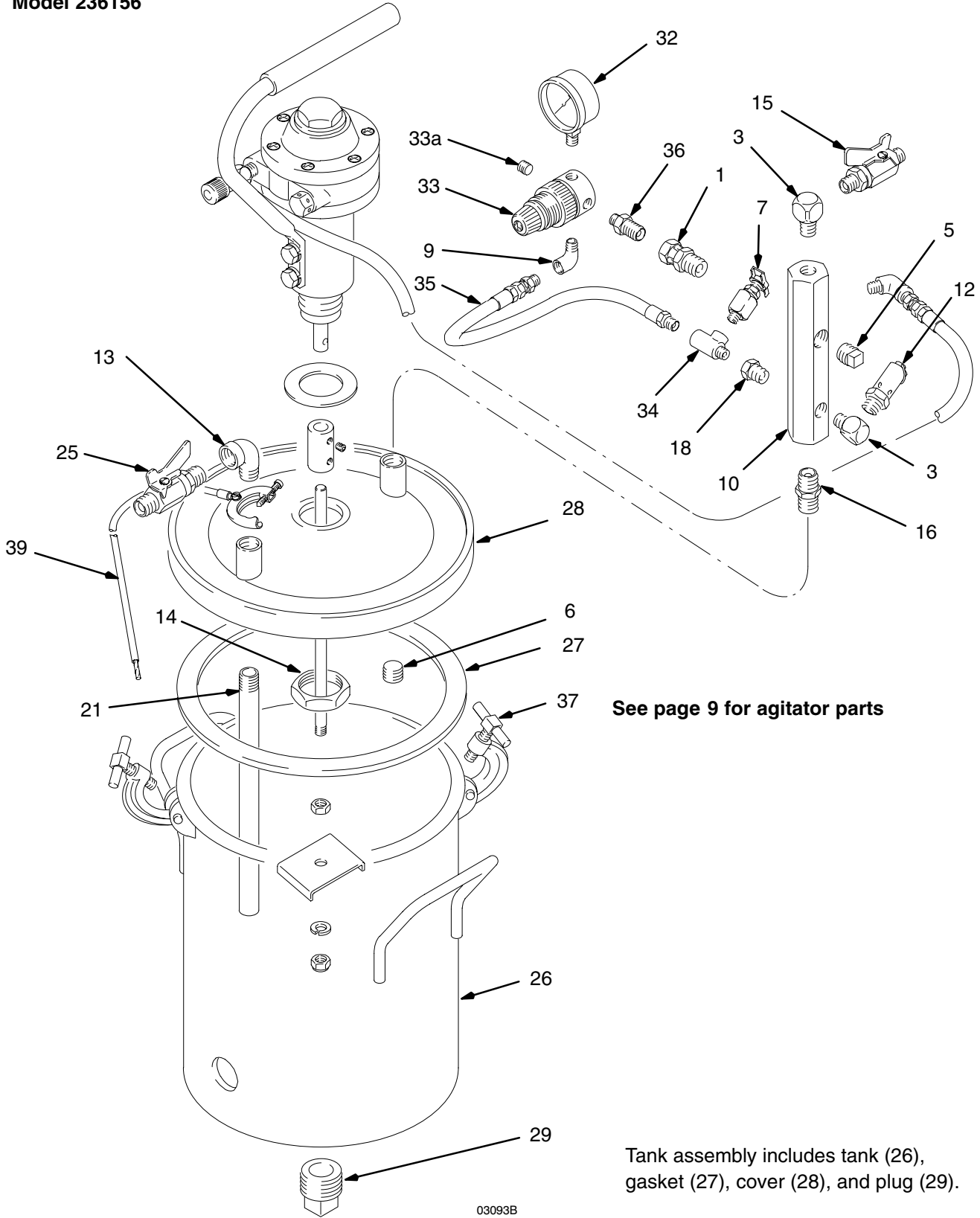
Parts List

Low-Pressure Stainless Steel (ASME) Tank Model 236155

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	110476	ADAPTER, union, straight swivel; 3/8 npt(m) to 1/4 npsm(f)	2	24	236086	TANK; 2-gal. size; sst,	1
2	176184	GRIP, handle	1	25✓	117572	GASKET; Santoprene®	1
3	100840	ELBOW, street; 1/4-18 npt(m x f)	2	26		COVER, tank; sst	1
4	175075	HANDLE	1	27		PLUG, bottom; 3/4-14 npt	1
5	104813	PLUG, pipe; 3/8-18 npt	1	28	110444	GAUGE, pressure, air 0 to 15 psi (0 to 0.1 MPa, 0 to 1 bar)	1
6	112306	PLUG, pipe; 3/8-18 npt; sst	1	29✓	111501	REGULATOR; 0 to 15 psi (0 to 0.1 MPa, 0 to 1 bar)	1
7	101759	FITTING, drain cock	1	29a		• PLUG, 1/8-27 npt	1
9	112307	ELBOW, street, 90°; 1/8-27 npt(f) x 1/8-27 npt(m)	1	30	110475	TEE, street; 1/8 npt	1
10	189016	MANIFOLD, air inlet; 3/8-18 npt; 1/4-18 npt	1	31	164724	HOSE, coupled; 400 wpr; 1/8-27 npt(m)	1
11	102300	NUT, jam, hex; 9/16-18	1	32	151519	NIPPLE, reducing; 1/4-1/8 npt	1
12	103347	VALVE, safety; 1/4-18 npt(m); 100 psi (0.7 MPa, 7 bar);	1	34	100139	PLUG, pipe, headless; 1/8-27 npt	2
13	110756	ELBOW, street, 90°; 3/8 npt x 3/8 npt; sst	1	35✓†		T-HANDLE	4
14	188784	NUT, jam, hex; 1-1/2-12-unf-2b;	1	36‡		LINER, antistatic, polyethylene; (not shown)	1
15✓	208390	VALVE, ball; 1/4-18 npt(m); See 307-068 for parts	1	✓ <i>Keep these spare parts on hand to reduce down time.</i>			
16	156849	NIPPLE, pipe; 3/8-18 npt	1	† <i>A C-clamp replacement Kit is available. It includes the T-handle, C-clamp, pin, and cotter pin. Order part no. 111380.</i>			
17	188881	PLUG, tapped;	1	‡ <i>To purchase a box of antistatic polyethylene liners, see Accessories on page 18.</i>			
18	100030	BUSHING; 1/8-27 npt(f) x 1/4-18 npt(m)	1	NOTE: <i>The 307 numbers in the descriptions refer to separate instruction manuals.</i>			
20	165053	O-RING, packing; PTFE	1				
21	185531	TUBE, siphon; sst	1				
22	175078	LABEL, Warning (not shown)	1				
23✓	236439	VALVE, ball; sst; 3/8-18 npsm(m) x 3/8-18 npt(m), See 307-068 for parts	1				

Parts Drawing

Low Pressure Stainless Steel (ASME) Tank w/Agitator
Model 236156



See page 9 for agitator parts

Tank assembly includes tank (26),
gasket (27), cover (28), and plug (29).

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Parts List

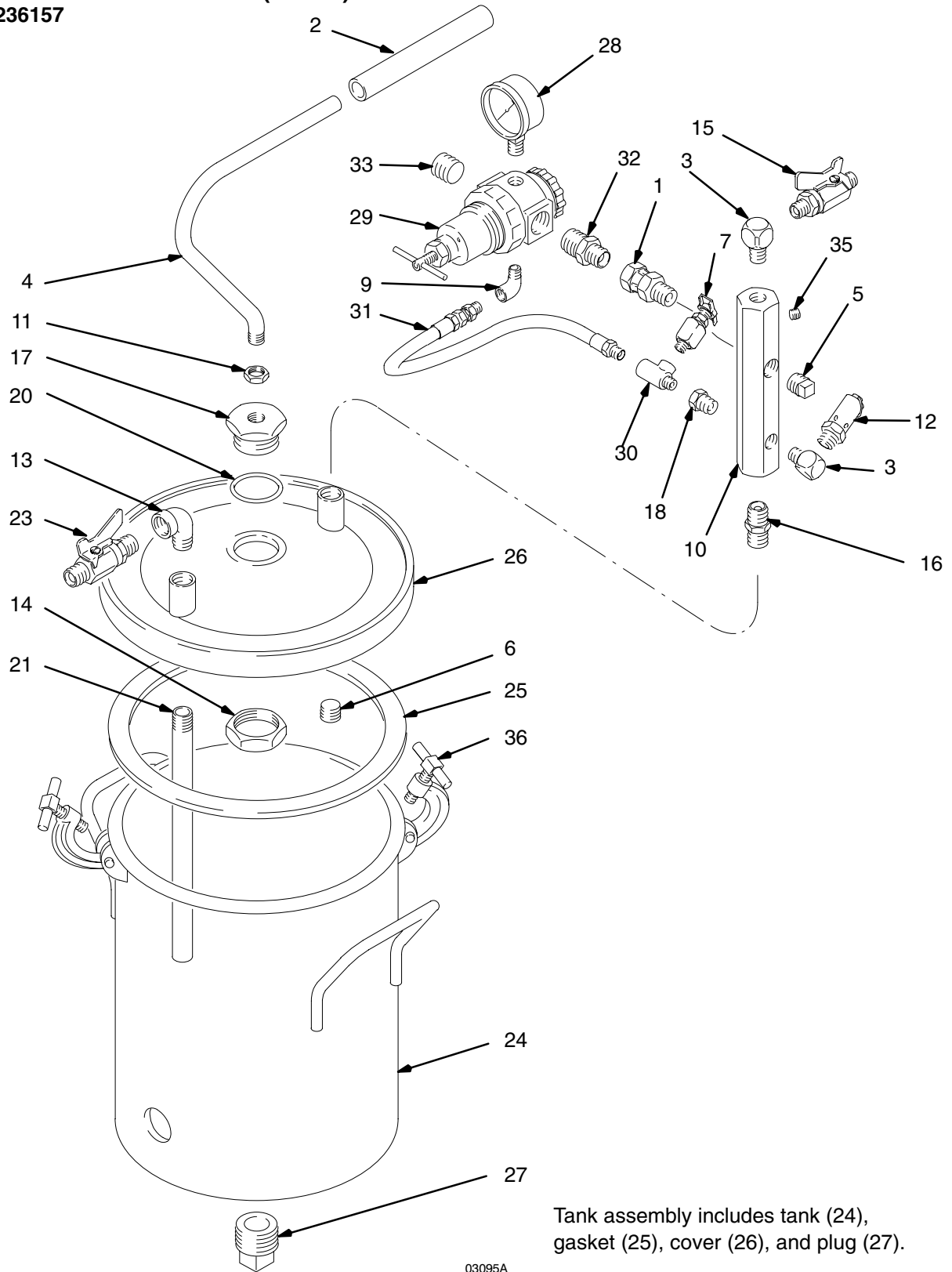
Low Pressure Stainless Steel (ASME) Tank w/Agitator Model 236156

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	110476	ADAPTER, union, straight swivel; 3/8 npt(m) to 1/4 npsm(f)	1	26	236086	TANK; 2-gal. size; sst	1
3	100840	ELBOW, street; 1/4-18 npt(m x f)	2	27✓	117572	GASKET; Santoprene®	1
5	104813	PLUG, pipe; 3/8-18 npt	1	28		COVER, tank; sst	1
6	112306	PLUG, pipe; 3/8-18 npt; sst	1	29		PLUG, bottom; 3/4-14 npt	1
7	101759	FITTING, drain cock	1	32	110444	GAUGE, pressure, air; 0 to 15 psi (0 to 0.1 MPa, 0 to 1 bar)	1
9	112307	ELBOW, street, 90°; 1/8-27 npt(f) x 1/8-27 npt(m)	1	33✓	111501	REGULATOR; 0 to 15 psi (0 to 0.1 MPa, 0 to 1 bar)	1
10	189016	MANIFOLD, air inlet; 3/8-18 npt; 1/4-18 npt	1	33a		· PLUG, 1/8-27 npt	1
12	103347	VALVE, safety; 1/4-18 npt(m); 100 psi; (0.7 MPa, 7 bar)	1	34	110475	TEE, street; 1/8 npt	1
13	110756	ELBOW, street, 90°; 3/8 npt x 3/8 npt; sst	1	35	164724	HOSE, coupled; 400 wpr; 1/8-27 npt(m)	1
14	188784	NUT, jam, hex; 1-1/2-12-unf-2b	1	36	151519	NIPPLE, reducing; 1/4-1/8 npt	1
15✓	208390	VALVE, ball; 1/4-18 npt(m) See 307068 for parts	1	37✓†		T-HANDLE	4
16	156849	NIPPLE, pipe; 3/8-18 npt	1	38‡		LINER, antistatic, polyethylene; (not shown)	1
18	100030	BUSHING; 1/8-27 npt(f) x 1/4-18 npt(m)	1	39	222011	CLAMP, grounding	1
21	185531	TUBE, siphon; sst	1	✓ Keep these spare parts on hand to reduce down time.			
23	175078	LABEL, Warning (not shown)	1	† A C-clamp replacement Kit is available. It includes the T-handle, C-clamp, pin, and cotter pin. Order part no. 111380.			
25✓	236439	VALVE, ball; sst; 3/8-18 npsm(m) x 3/8-18 npt(m), See 307068 for parts	1	‡ To purchase a box of antistatic polyethylene liners, see Accessories on page 18.			

NOTE: The 307 numbers in the descriptions refer to separate instruction manuals.

Parts Drawing

High-Pressure Stainless Steel (ASME) Tank Model 236157



Tank assembly includes tank (24),
gasket (25), cover (26), and plug (27).

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Parts List

High-Pressure Stainless Steel (ASME) Tank Model 236157

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	155665	UNION, adapter; 3/8 npt(m) to 3/8 npsm(f)	1	24	236086	TANK; 2-gal. size; sst	1
2	176184	GRIP, handle	1	25✓	117572	GASKET; Santoprene®	1
3	100840	ELBOW, street; 1/4-18 npt(m x f)	2	26		COVER, tank; sst	1
4	175075	HANDLE	1	27		PLUG, bottom; 3/4-14 npt	1
5	104813	PLUG, pipe; 3/8-18 npt	1	28	160430	GAUGE, pressure, air; 0 to 100 psi (0 to 0.7 MPa, 0 to 7 bar)	1
6	112306	PLUG, pipe; 3/8-18 npt; sst	1	29	171937	REGULATOR; 2 to 125 psi (0.01 to 0.8 MPa, 0.1 to 9 bar)	1
7	101759	FITTING, drain cock	1	30	110475	TEE, street; 1/8 npt	1
9	112538	ELBOW, street, 90°; 1/8-27 npt(f) x 1/4-18 npt(m)	1	31	164724	HOSE, coupled; 400 wpr; 1/8-27 npt(m)	1
10	189016	MANIFOLD, air inlet; 3/8-18 npt; 1/4-18 npt	1	32	159239	NIPPLE, pipe, reducing; 1/2-3/8 npt	1
11	102300	NUT, jam, hex; 9/16-18	1	33	100361	PLUG, pipe, headless; 1/2-14 npt(f)	1
12	103347	VALVE, safety; 1/4-18 npt(m); 100 psi (0.7 MPa, 7 bar);	1	35	100139	PLUG, pipe, headless; 1/8-27 npt	1
13	110756	ELBOW, street, 90°; 3/8 npt x 3/8 npt; sst	1	36✓†		T-HANDLE	4
14	188784	NUT, jam, hex; 1-1/2-12-unf-2b;	1	37‡		LINER, antistatic, polyethylene; (not shown)	1
15✓	208390	VALVE, ball; 1/4-18 npt(m) See 307068 for parts	1				
16	156849	NIPPLE, pipe; 3/8-18 npt	1				
17	188881	PLUG, tapped;	1				
18	100030	BUSHING; 1/8-27 npt(f) x 1/4-18 npt(m)	1				
20	165053	O-RING, packing; PTFE	1				
21	185531	TUBE, siphon; sst	1				
22	175078	LABEL, Warning (not shown)	1				
23✓	236439	VALVE, ball; sst; 3/8-18 npsm(m) x 3/8-18 npt(m), See 307068 for parts	1				

✓ *Keep these spare parts on hand to reduce down time.*

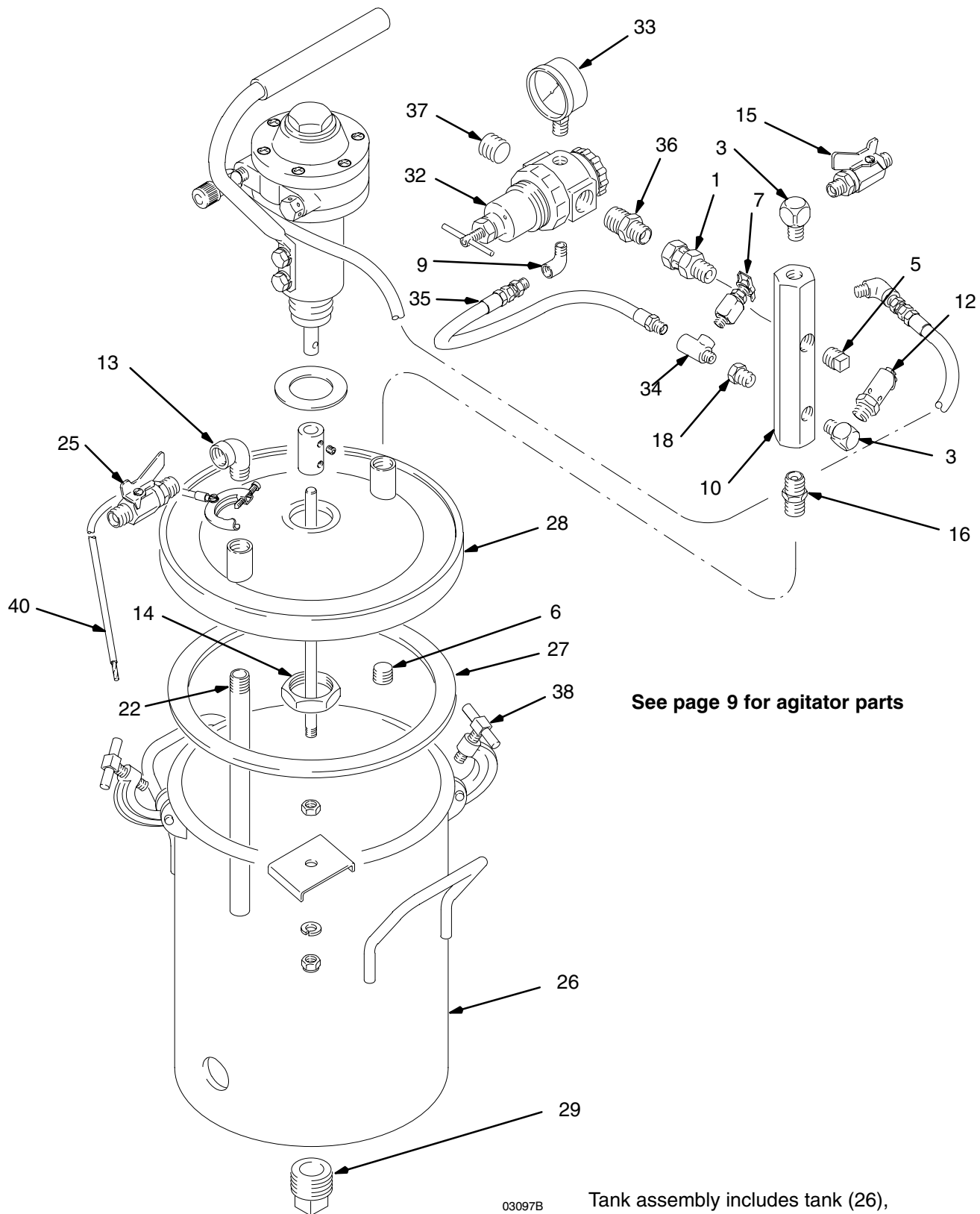
† *A C-clamp replacement Kit is available. It includes the T-handle, C-clamp, pin, and cotter pin. Order part no. 111380.*

‡ *To purchase a box of antistatic polyethylene liners, see **Accessories** on page 18.*

NOTE: *The 307 numbers in the descriptions refer to separate instruction manuals.*

Parts Drawing

High-Pressure Stainless Steel (ASME) Tank w/Agitator
Model 236158



Tank assembly includes tank (26),
gasket (27), cover (28), and plug (29).

03097B

Parts List

High-Pressure Stainless Steel (ASME) Tank w/Agitator Model 236158

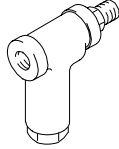
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	155665	UNION, adapter; 3/8 npt(m) to 3/8 npsm(f)	1	32	171937	REGULATOR; 2 to 125 psi (0.01 to 0.8 MPa, 0.1 to 9 bar)	1
3	100840	ELBOW, street; 1/4-18 npt(m x f)	2	33	160430	GAUGE, pressure, air; 0 to 100 psi (0 to 0.7 MPa, 0 to 7 bar)	1
5	104813	PLUG, pipe; 3/8-18 npt	1	34	110475	TEE, street; 2 x 1/8-27 npt(f)	1
6	112306	PLUG, pipe; 3/8-18 npt; sst	1	35	164724	HOSE, coupled; 400 wpr; 1/8-27 npt(m)	1
7	101759	FITTING, drain cock	1	36	159239	NIPPLE, pipe, reducing; 1/2-3/8 npt	1
9	112538	ELBOW, street, 90°; 1/8-27 npt(f) x 1/4-18 npt(m)	1	37	100361	PLUG, pipe, headless; 1/2-14 npt(f)	1
10	189016	MANIFOLD, air inlet; 3/8-18 npt; 1/4-18 npt	1	38	✓†	T-HANDLE	4
12	103347	VALVE, safety, 1/4-18 npt(m); 100 psi (0.7 MPa, 7 bar)	1	39	‡	LINER, antistatic, polyethylene; (not shown)	1
13	110756	ELBOW, street, 90°; 3/8 npt x 3/8 npt; sst	1	40	222011	CLAMP, grounding	1
14	188784	NUT, jam, hex; 1-1/2-12-unf-2b	1	✓ Keep these spare parts on hand to reduce down time. † A C-clamp replacement Kit is available. It includes the T-handle, C-clamp, pin, and cotter pin. Order part no. 111380. ‡ To purchase a box of antistatic polyethylene liners, see Accessories on page 18.			
15	✓ 208390	VALVE, ball; 1/4-18 npt(m) See 307068 for parts	1				
16	156849	NIPPLE, pipe; 3/8-18 npt	1	NOTE: The 307 numbers in the descriptions refer to separate instruction manuals.			
18	100030	BUSHING; 1/8-27 npt(f) x 1/4-18 npt(m)	1				
20	175078	LABEL, Warning (not shown)	1				
22	185531	TUBE, siphon; sst	1				
25	✓ 236439	VALVE, ball; sst; 3/8-18 npsm(m) x 3/8-18 npt(m), See 307068 for parts	1				
26	236086	TANK; 2-gal. size; sst	1				
27	✓ 117572	GASKET; Santoprene®	1				
28		COVER, tank; sst	1				
29		PLUG, bottom; 3/4-14 npt	1				

Accessories

Strainer 202271

300 psi (2.1 MPa, 21 bar) Maximum Working Pressure

Install at the tank air inlet to remove dirt and moisture from the air supply, or at the tank fluid outlet to remove particles from the paint which could clog the spray gun nozzle.



Buna-N Air Supply Hose

200 psi (1.4 MPa, 14 bar) Maximum Working Pressure

5/16" ID; cpd 1/4 npsm(f) swivel

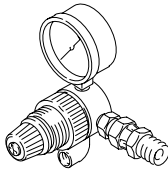
210866 15 ft (4.6 m) long

210867 25 ft (7.6 m) long

Low-Pressure Regulator Conversion Kit 235041

15 psi (0.1 MPa, 1 bar) Working Pressure. 0 to 15 psi (0 to 0.1 MPa, 0 to 1 bar) regulated pressure range

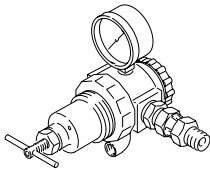
To convert to a low-pressure regulator assembly.



High-Pressure Regulator Conversion Kit 236680

100 psi (0.7 MPa, 7 bar) Working Pressure. 0 to 100 psi (0 to 0.7 MPa, 0 to 7 bar) regulated pressure range

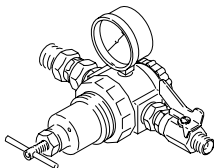
To convert to a high pressure regulator assembly.



Gun Air Regulator Kit 235042

100 psi (0.7 MPa, 7 bar) Working Pressure

To supply atomizing air to a spray gun from the pressure pot.



Stainless Steel Mixer Blade 186522

304 stainless steel

Nylon Fluid Supply Hose

300 psi (2.1 MPa, 21 bar) Maximum Working Pressure

3/8" ID; cpd 3/8 npsm(fbe) swivel; neoprene cover

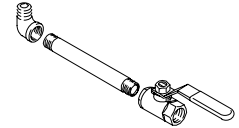
205160 15 ft (4.6 m) long

205142 25 ft (7.6 m) long

205143 50 ft (15.2 m) long

Bottom Outlet Kit 236676

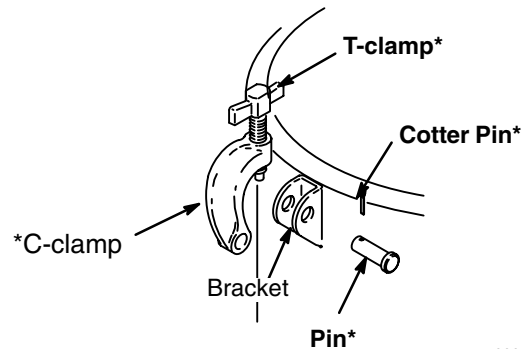
For bottom outlet fluid feeding



C-Clamp Repair Kit 111380

For replacing C-clamp assembly

*Parts included with kit



0306

Antistatic Polyethylene Tank Liners 15D058

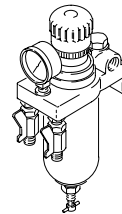
Liners fit inside the tank. For ease of clean-up and maintenance. Quantity of 20 per box.

Air Regulator and Filter 202660

100 psi (0.7 MPa, 7 bar) Maximum Working Pressure

For air regulation and filtration.

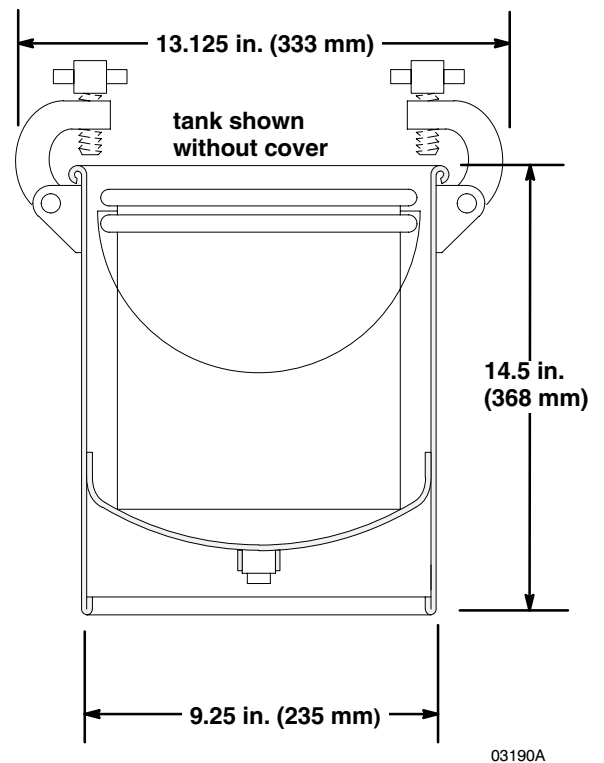
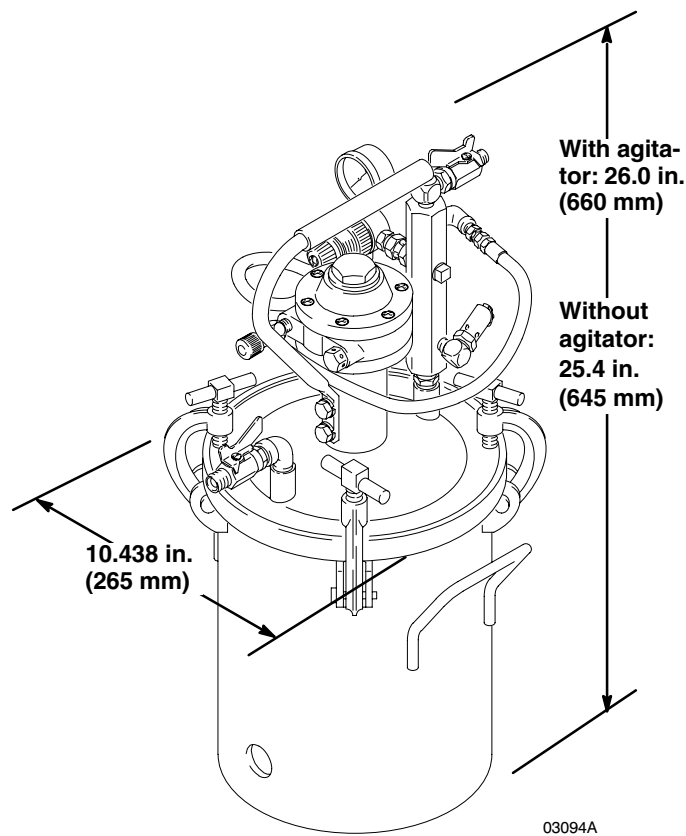
1/2 npt(f) inlet & 1/4 npt(m) outlets



PTFE Coated Gasket 117575

Optional replacement for standard 117572 Gasket.

Dimensions



Technical Data

Agitator Motor

1/2 HP, 3000 RPM

Maximum Working Pressure:

Low-Pressure Regulated Tank: 15 psi (0.1 MPa, 1 bar)

High-Pressure Regulated Tank: 100 psi (0.7 MPa, 7 bar)

Relief Valve Setting

100 psi (0.7 MPa, 7 bar)

Air Inlet Size

1/4–18 npt(m)

Fluid Outlet Size

3/8–18 npsm (R3/8–19) compound thread

Bottom Outlet Size

3/4–14 npt(f)

Weight

30.25 lb (13.7 kg) (without agitator)

38.25 lb (17.4 kg) (with agitator)

Wetted Parts

304 or 316 stainless steel, Polypropylene, Santoprene®

* Sound power level

at 100 psi (0.7 MPa, 7 bar): 92 dBa

* Sound pressure level

at 100 psi (0.7 MPa, 7 bar): 82 dBa

* Sound power level and sound pressure level measured per ISO 9614–2.

Santoprene® is a registered trademark of the Advanced Elastomer Systems, L.P.

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Graco warrants all equipment 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.

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612-623-6921

612-378-3505 Fax

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PRINTED IN USA 308370 03/1994, Revised 05/2004