

INSTRUCTIONS-PARTS LIST



307-900

Rev. E
Supersedes D

This manual contains IMPORTANT
WARNINGS AND INSTRUCTIONS
READ AND RETAIN FOR REFERENCE

STAINLESS STEEL (ASME) PRESSURE TANKS

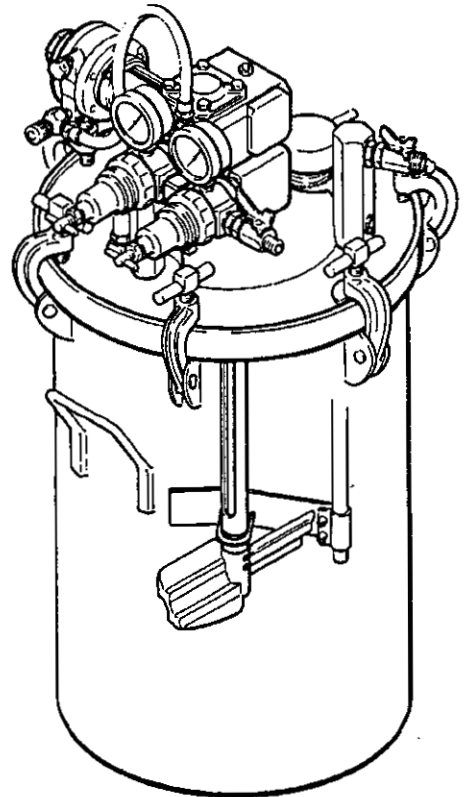
100 psi (7 bar) MAXIMUM WORKING PRESSURE

**Factory
Mutual
System**

Approved

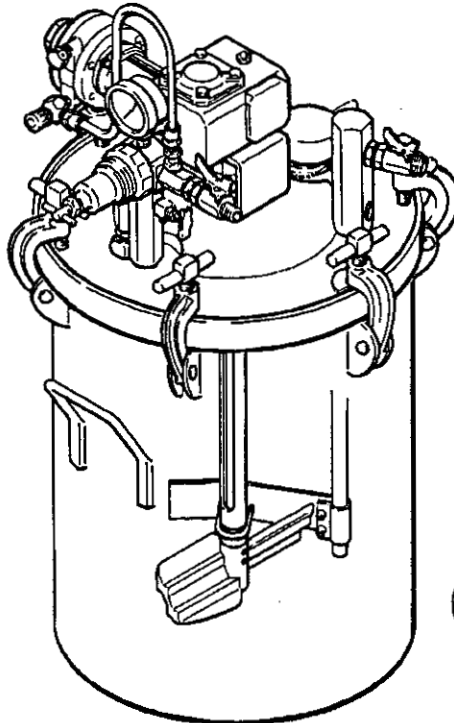
with DUAL AIR REGULATOR
and AGITATOR

Model 222-230; 5 gallon
Model 222-231; 10 gallon
Model 222-232; 15 gallon



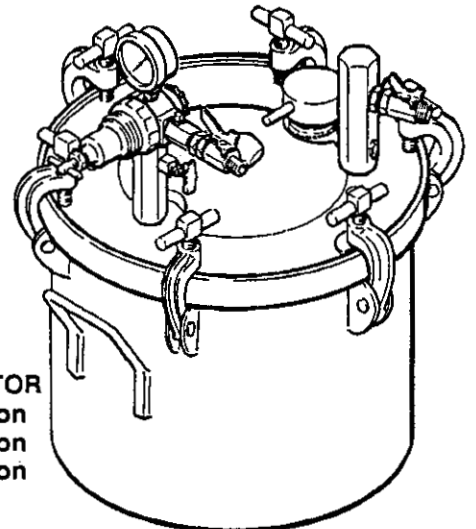
with SINGLE AIR REGULATOR
and AGITATOR

Model 222-179; 5 gallon
Model 222-180; 10 gallon
Model 222-181; 15 gallon



with SINGLE AIR REGULATOR

Model 222-183; 5 gallon
Model 222-184; 10 gallon
Model 222-185; 15 gallon



SAFETY WARNINGS

FOR PROFESSIONAL USE ONLY. OBSERVE ALL WARNINGS

Read and understand all instruction manuals before operating equipment.

EQUIPMENT MISUSE HAZARD

General Safety

Any misuse of the equipment or accessories, such as overpressurizing, modifying parts, using incompatible chemicals and fluids, or using worn or damaged parts, can cause them to rupture and result in serious bodily injury, including splashing in the eyes or on the skin, fire, explosion or property damage.

NEVER alter or modify any part of this equipment; doing so could cause it to malfunction and make it dangerous to operate.

CHECK all spray equipment regularly and repair or replace worn or damaged parts immediately.

Take precautions to avoid any fluid spills. See **HAZARDOUS FLUID HAZARD**, below.

System Pressure

The **MAXIMUM WORKING PRESSURE** of the pressure tanks is 100 psi (7 bar). Overpressurizing the tank or accessories could cause a part to rupture. To reduce the risk of serious bodily injury, including splashing in the eyes or on the skin, and property damage, NEVER exceed the maximum air and fluid working pressure of any component or accessory used in the system.

Fluid Compatibility

BE SURE all fluids and solvents used are chemically compatible with the "Wetted Parts" shown in the **TECHNICAL DATA** on page 15. Always read the fluid and solvent manufacturer's literature before using the fluid or solvent in this pressure tank.

HAZARDOUS FLUID HAZARD

Improper handling of hazardous fluids or inhaling vapors can cause extremely serious bodily injury, even death, due to splashing in the eyes, ingestion, inhalation, or bodily contamination. Know what fluid you are pumping and its specific hazards. Store hazardous fluids in approved containers. Dispose of any waste fluid according to all Local, State and Federal regulations pertaining to the disposal of hazardous wastes. Observe all precautions when handling known or potentially hazardous fluids, including, but not limited to, the following.

Pressure Relief Procedure

This is a pressurized tank. Always follow this procedure before opening the tank cover or fill port. This reduces the risk of serious bodily injury, including splashing in the eyes or on the skin, or injury from moving parts, which can result if the tank pressure is not fully relieved.

1. Shut off the air supply to the tank.
2. Close the air inlet valve (20 or 36). Refer to Fig 1.
3. Open the drain cock fitting (7) by turning it counterclockwise.
4. Wait until there is no air escaping through the valve before removing the cover or opening the fill port.
5. Leave the drain cock fitting (7) open until you have reinstalled the cover or fill port.

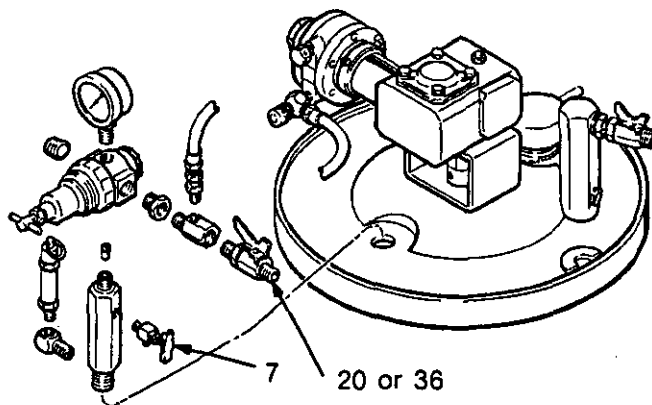


Fig 1

1. Always wear appropriate, protective clothing and equipment, such as eye protection, respiratory protection, and gloves.
2. Provide for the safe piping and disposal of all exhaust air.
3. Provide proper ventilation in accordance with accepted industry standards and governmental regulations.

FIRE OR EXPLOSION HAZARD

Static electricity is created by the flow of fluid through the pressure tank and hose. If every part of the equipment is not properly grounded, sparking may occur. Sparks can ignite vapors from solvents and the fluid being sprayed, dust particles and other flammable substances, whether you are spraying indoors or outdoors, and cause a fire or explosion, serious bodily injury, and property damage. Sparks may also occur when plugging in or unplugging a power supply cord. Do not plug in or unplug any power supply cords in the spray area when there is any chance of igniting vapors still in the air.

MOVING PARTS HAZARD

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. To reduce this risk, always shut off the agitator and disconnect the air line before checking or repairing any part of the pressure tank or agitator.

If you experience any static sparking or even a slight shock while using this equipment, **STOP SPRAYING IMMEDIATELY**. Do not use the system again until the cause of the problem is identified and corrected.

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 ga (1.5 mm²) minimum ground wire to the pressure tank and the other end of the wire to a true earth ground. See page 14 to order a ground wire and clamp.

IMPORTANT

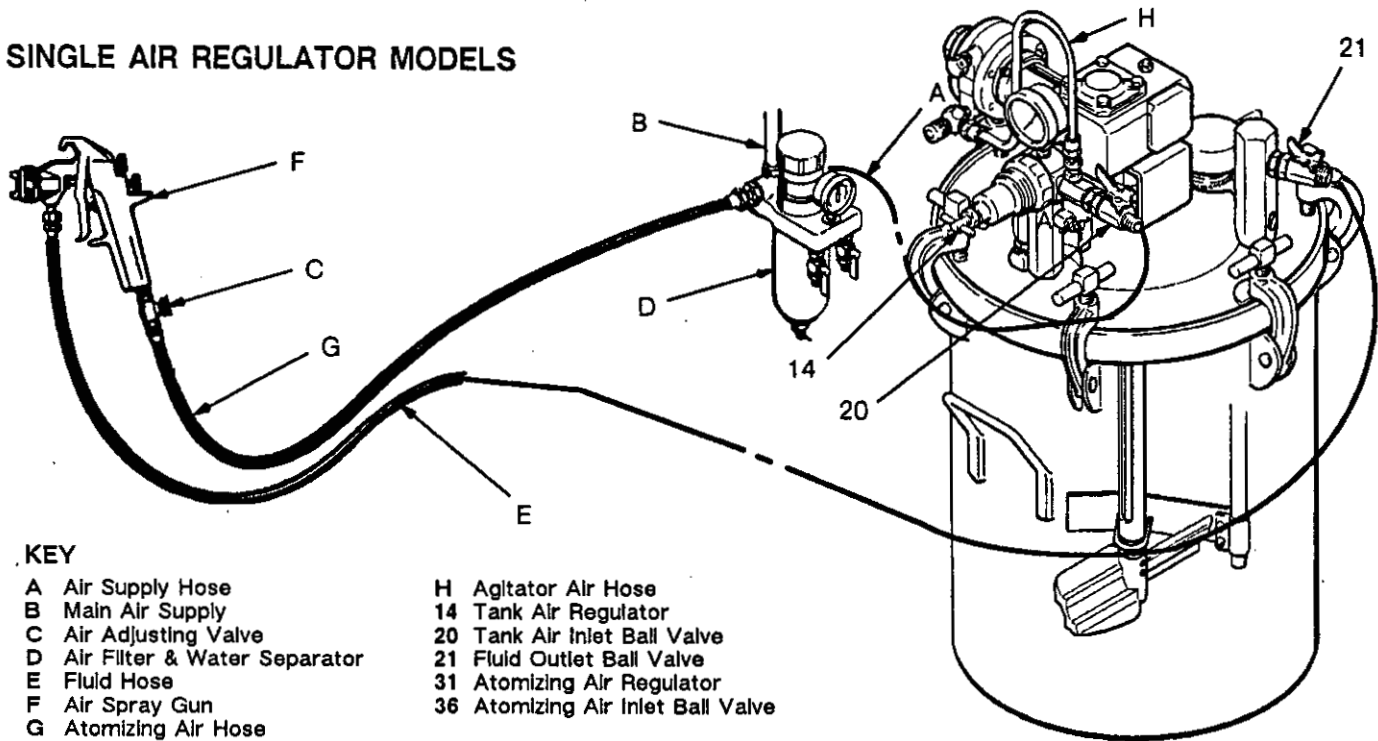
United States Government safety standards have been adopted under the Occupational Safety and Health Act. These standards – particularly the General Standards, Part 1910, and the Construction Standards, Part 1926 – should be consulted.

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TYPICAL SYSTEMS

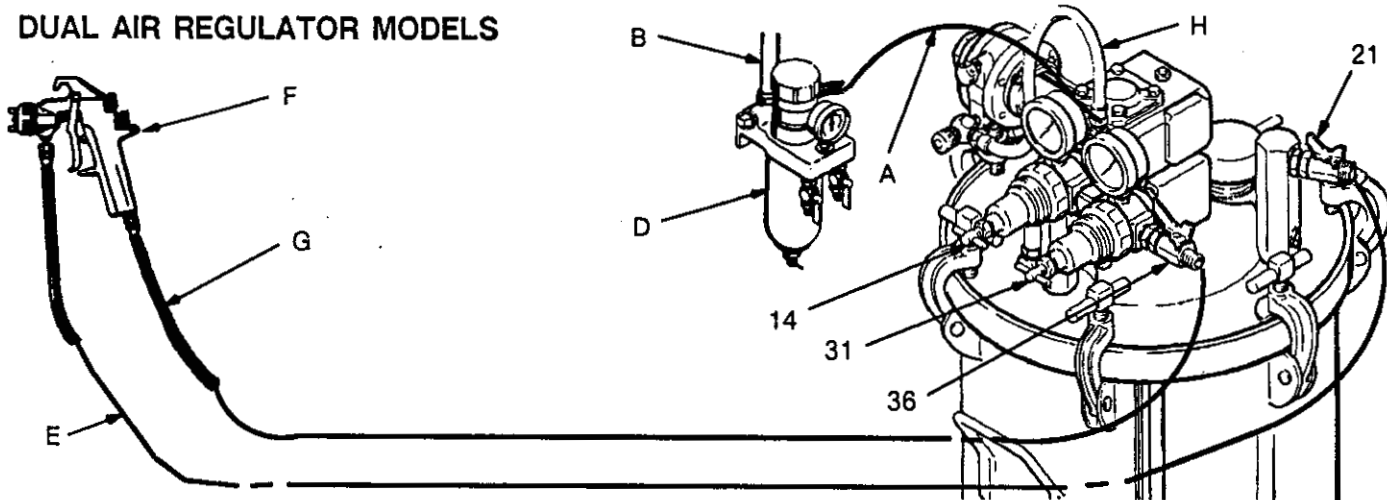
SINGLE AIR REGULATOR MODELS



KEY

- | | |
|--------------------------------|-----------------------------------|
| A Air Supply Hose | H Agitator Air Hose |
| B Main Air Supply | 14 Tank Air Regulator |
| C Air Adjusting Valve | 20 Tank Air Inlet Ball Valve |
| D Air Filter & Water Separator | 21 Fluid Outlet Ball Valve |
| E Fluid Hose | 31 Atomizing Air Regulator |
| F Air Spray Gun | 36 Atomizing Air Inlet Ball Valve |
| G Atomizing Air Hose | |

DUAL AIR REGULATOR MODELS



Reference numbers and letters in parentheses in the text refer to the callouts in the illustrations and the parts drawing.

See page 14 for accessories that are available from Graco. Be sure all accessories are properly sized to withstand the pressures in the system.

NOTE: The dual regulated models are shipped as a fully assembled, single-regulator model with agitator, plus a partially assembled, air atomizing regulator, which must be installed on the tank.

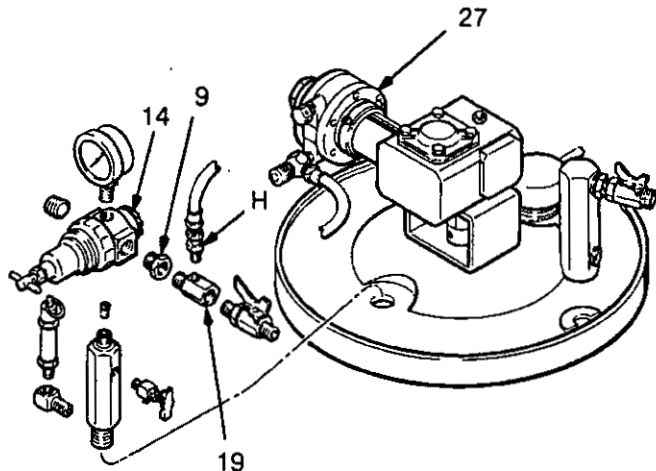


Fig 2

INSTALLATION

Recommended Hose-Sizes (General Purpose)

MATERIAL		AIR	
for runs of:	use:	for runs of:	use:
0 - 35 ft(0-11 m)	3/8" ID	0 - 100 ft(0-30 m)	5/16" ID
35 - 100 ft(11-30 m)	1/2" ID	100 - 200 ft(30-61 m)	3/8" ID
100 - 200 ft(30-61 m)	3/4" ID		

Installing Air Atomizing Regulator Kit

Disconnect the air hose (H) from the agitator air motor (27) and the air manifold (19). See Fig 2. Remove the bushing (9), the air manifold and the ball valve from the original air regulator (14).

Connect the inlets of the two regulators (14, 31) with the regulator nipple (35). Screw the bushing (30) and the ball valve (36) into the atomizing air regulator (31) outlet. See Fig 3.

Screw the nipple (32) into the regulator nipple (35). Screw the elbow (34) tightly onto the nipple (32), lifting the elbow at an angle to clear the agitator. See Fig 3.

Turn the elbow back just enough to permit the manifold (19) and the ball valve (20) to be screwed into the elbow (34). See Fig 4. Connect the agitator hose between the agitator motor and the air manifold.

NOTE: Plug any unused regulator and manifold ports with steel plugs to prevent air from escaping.

Installing An Accessory Agitator

To install an accessory air operated agitator, see manual 307-792. Connect the agitator hose (H) to the air inlet manifold (19) as shown in Fig 3.

Connecting Hoses

Connect an air supply hose (A) between the 3/8 npt(m) air inlet valve (20) and your air supply (B). Refer to the **TYPICAL SYSTEMS** illustration on page 4. Install an air filter (D) upstream from the air inlet valve to remove dirt and moisture from your compressed air supply.

Connect a fluid hose (E) between the 3/8 npt(m) outlet valve (21) and the fluid inlet of your spray gun (F).

For *Dual Air Regulated Models*, connect an air atomizing hose (G) between the 1/4 npt ball valve (36) of the atomizing air regulator (31) and the air inlet of your gun (F). See **TYPICAL SYSTEMS, Dual Air Regulator Models**.

There are three ways to provide atomizing air in a *Single Air Regulated Model*:

1. Plumb the atomizing air to the gun off the main air supply line (B), upstream from the hose connections to the tank. See **TYPICAL SYSTEMS, Single Air Regulated Model**.
2. Provide the atomizing air to the gun from another source.
3. Use the tank regulator to control both the tank and the atomizing air pressure. Remove a plug from the regulator (14) and connect an air valve and atomizing hose to the 1/2 npt(f) port on the regulator. Refer to the Parts Drawing, page 8.

Use an air adjusting valve (C) to adjust the atomizing air at the gun.

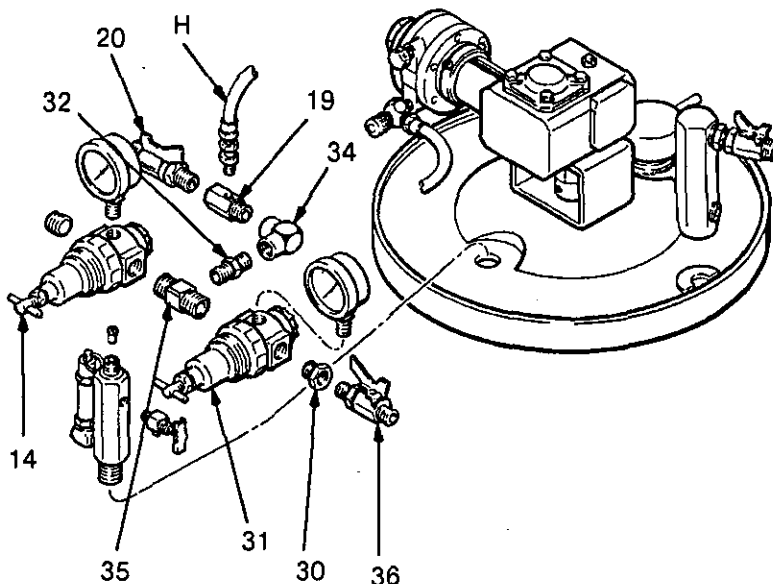


Fig 3

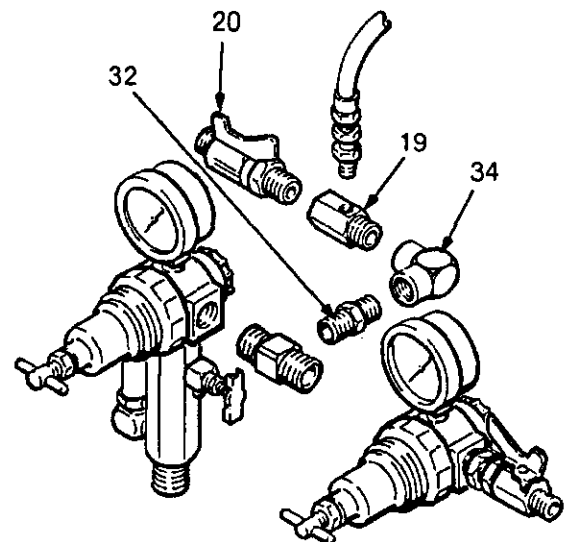


Fig 4

INSTALLATION

Installing Two Spray Guns

Remove the plug (5) from the outlet manifold (18) and install an additional nipple (11) and ball valve (21) in the manifold. Refer to Fig 5. With dual regulator models, also remove the 1/4 npt ball valve (36) and screw a 1/2 x 1/4 npt(mbe) nipple into the bushing (30) and then a 1/4 npt(f) tee. Install a 1/4 npt ball valve (36) on both outlets of the tee.

Using Bottom Outlet Port

There is a 1 in. npt drain port (see Fig 5) in the bottom of the tank that may be fitted with an elbow, nipple, fluid regulator, hose and spray gun for use when top outlet feed is not desirable or possible. Mount the tank on a dolly when using this port. See ACCESSORIES for a dolly.

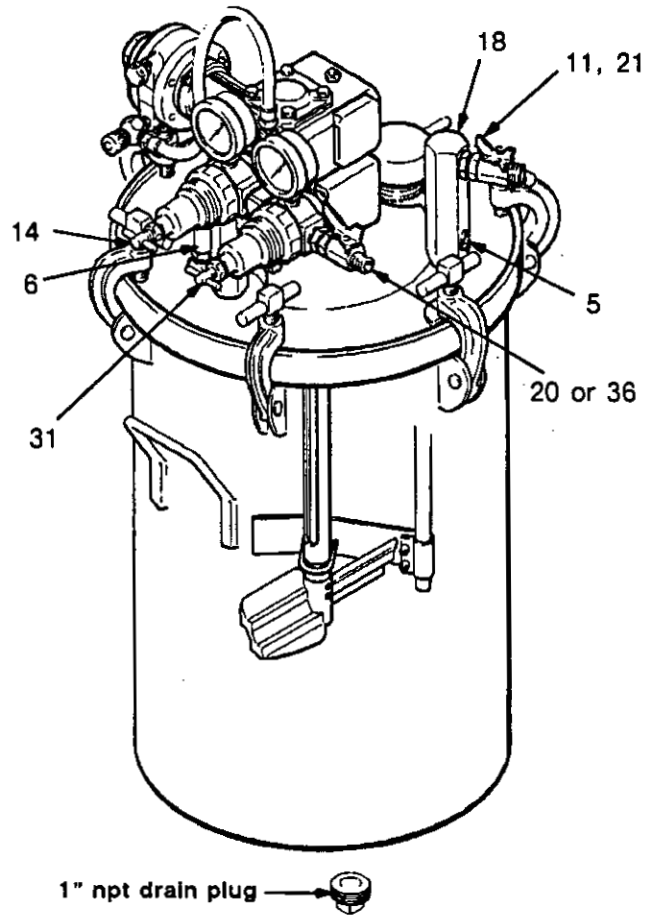


Fig 5

OPERATION

WARNING

This is a pressurized tank. *Always* follow the **Pressure Relief Procedure** on page 2 before opening the tank cover or fill port. This reduces the risk of serious bodily 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.

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.

To fill the tank, first follow the **Pressure Relief Procedure** on page 2. Fill the tank through the fill port in the lid, or remove the lid and place a U.S. 5 gallon pail of fluid in the tank. **DO NOT** exceed the suggested capacity (5, 10 or 15 gallons) of your tank. Replace the cover or the fill port cap (23) and tighten the c-clamp handles securely.

Close the air regulators (14 and 31 if used) by turning the knob(s) *counterclockwise* and turn on the air supply. See Fig 5. Start and adjust the agitator (if it is used) as explained in the separate instruction manual 307-792.

Open the tank air inlet valve (20 or 36) and the fluid outlet ball valve (21) and adjust the air regulator to the approximate pressure desired. See Fig 5.

Turn on the atomizing air to the 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.

WARNING

Over pressurizing the tank or accessories could cause a part to rupture. To reduce the risk of serious bodily 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.

A safety relief valve (6) will automatically relieve the tank pressure when the air pressure exceeds 100 psi (7 bar). Refer to Fig 6 or the Parts Drawings. Each week, check the working order of the relief valve; *only as a test*, raise the air pressure to 100 to 105 psi (6.9 to 7.2 bar). If the valve doesn't relieve the pressure, replace it immediately. **DO NOT** attempt to repair it. The valve will reset automatically when the pressure is relieved.

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.

CAUTION

Do not switch the positions of the tank air regulator (14) and the atomizing air regulator (31). See Fig 5. The tank air regulator has a Mylar® diaphragm which resists corrosion by paint and solvents. If the tank air regulator is replaced, be sure it has a Mylar diaphragm.

MAINTENANCE

Cleaning the Tank

First follow the **Pressure Relief Procedure** on page 2.

If the atomizing air is fed from the tank regulator, elevate the hose and gun to drain the fluid through the hose and into the tank.

If the atomizing air is not fed from the tank regulator, follow this procedure to force the fluid back through the hose and into the tank. Remove the fill port cap (23). Loosen the spray gun air cap retaining ring about three turns. Hold a rag over the air cap and trigger the gun for a few seconds, until the fluid is forced back into the tank.

Empty the fluid from the tank. Pour a suitable amount of solvent into the tank.

CAUTION

Be sure that the solvent you use is compatible with the fluid being sprayed. Read **Fluid Compatibility** on page 2.

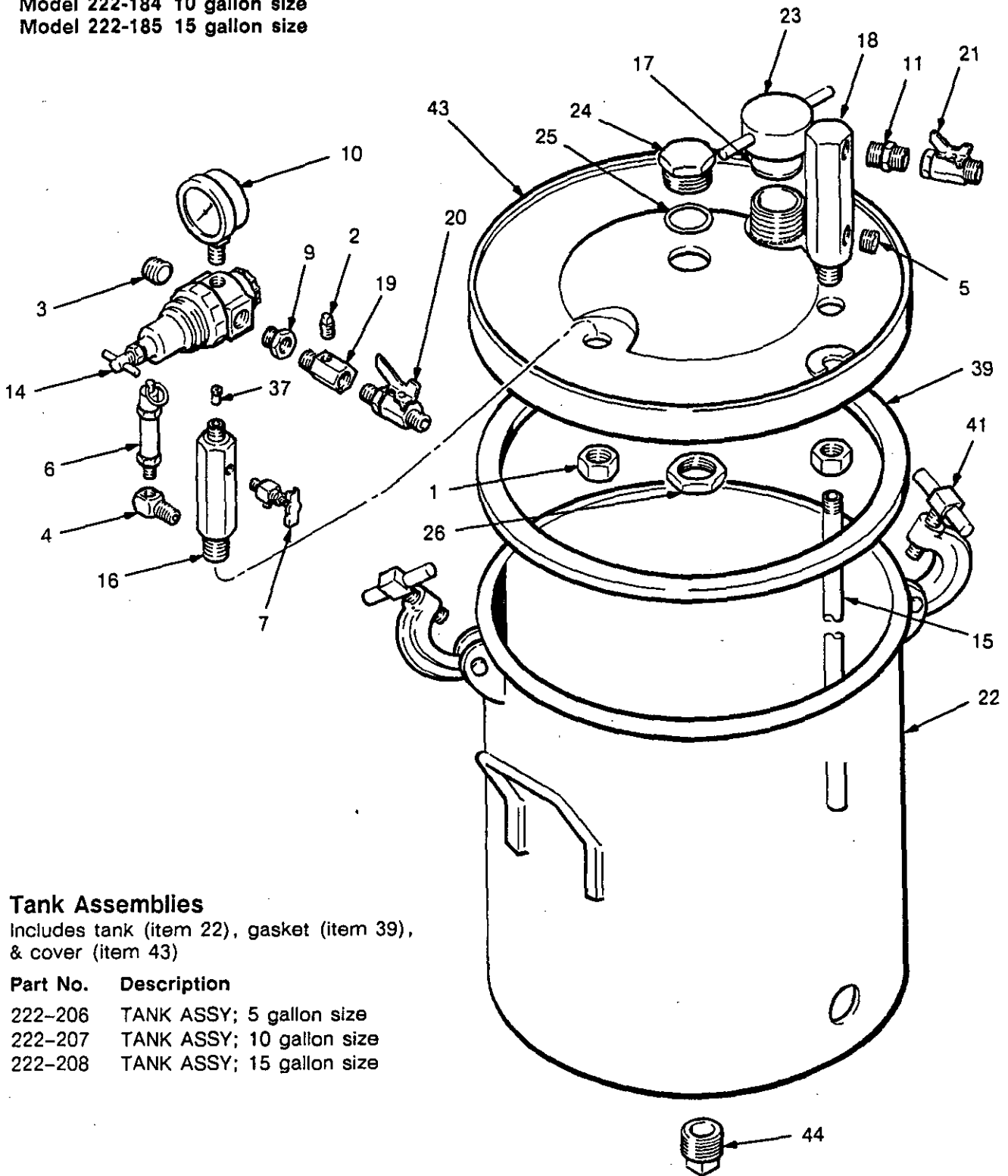
Replace the fill port cap. Remove the spray gun air cap. Turn on the air supply. Hold a metal part of the gun against a grounded metal waste container and trigger the gun into the waste container until clean solvent comes from the gun. Remove the solvent from the system and wipe the inside of the tank and the rest of the equipment clean with a solvent-dampened rag.

NOTE: See separate instruction manual 307-792 for information on agitator maintenance.

PARTS DRAWING

SINGLE REGULATOR MODELS

Model 222-183 5 gallon size
 Model 222-184 10 gallon size
 Model 222-185 15 gallon size



Tank Assemblies

Includes tank (item 22), gasket (item 39), & cover (item 43)

Part No.	Description
222-206	TANK ASSY; 5 gallon size
222-207	TANK ASSY; 10 gallon size
222-208	TANK ASSY; 15 gallon size

PARTS LIST

REF NO.	PART NO.	DESCRIPTION	QTY	REF NO.	PART NO.	DESCRIPTION	QTY	
1	100-056	NUT, hex jam; 7/8-14	2	20	*208-393	VALVE, ball; 3/8 npt(m)		
2	100-139	PLUG, pipe; 1/8 npt	2			See 307-068 for parts	1	
3	100-361	PLUG, pipe; hdls; 1/2 npt	1	21	*210-071	VALVE, ball; stainless steel;		
4	100-840	ELBOW, street; 1/4 npt(mxf)	1			3/8 (m), See 307-068 for parts	1	
5	101-748	PLUG, pipe; hdls; 3/8 npt	1			222-020	TANK; 5 gallon size; SST	
6	103-347	VALVE, air relief;					Includes items 41 & 44	
		100 psi (14 bar)	1	22†	222-021	TANK; 10 gallon size; SST	1	
7	101-759	FITTING, drain cock	1				Includes items 41 & 44	
9	100-081	BUSHING, pipe;				222-022	TANK; 15 gallon size; SST	
		1/2 npt(m) x 3/8 npt(f)	1				Includes items 41 & 44	
10	*160-430	GAUGE, air pressure;		23	210-575	CAP, filter	1	
		0-100 psi (0-14 bar) range	1	24	169-940	PLUG; 1-1/2 npt	1	
11	166-469	NIPPLE, hex; stainless steel;		25	*103-414	O-RING; Viton®	1	
		3/8 npt	1	26	157-674	NUT, hex jam; 1-1/2-12	1	
13	175-078	LABEL, Warning (not shown)	1	37	174-026	RESTRICTOR	1	
14	*171-937	REGULATOR, air, tank; Mylar®		39	*171-966	GASKET; Thiokol®	1	
		diaphragm; 0-125 psi (0-8 bar)	1	41	*110-143	T-HANDLE	6	
		range, See 307-204 for parts	1	43	222-023	COVER, tank; SST	1	
		171-974	TUBE; 15 gallon size; SST	1	44	110-133	PLUG, bottom	1
15		171-975	TUBE; 10 gallon size; SST	1				
		171-976	TUBE; 5 gallon size; SST	1				
16	171-981	ADAPTER, regulator	1					
17	*171-988	GASKET; chlororene rubber						
		and cork	1					
18	171-991	ADAPTER, outlet; stainless steel	1					
19	171-992	MANIFOLD, air; (2) 3/8 npt;						
		(2) 1/8 npt	1					

The 307 numbers in the description refer to separate instruction manuals.

*Recommended "tool box" spare parts. Keep them on hand to reduce down time.

†See page 8 for tank assembly numbers.

HOW TO ORDER REPLACEMENT PARTS

1. To be sure you receive the correct replacement parts, kits or accessories, always give all of the information requested in the chart below.
2. Check the parts list to identify the correct part number; **do not use the ref. no. when ordering.**
3. Order all parts from your nearest Graco distributor.

6 digit Part Number	Qty	Part Description

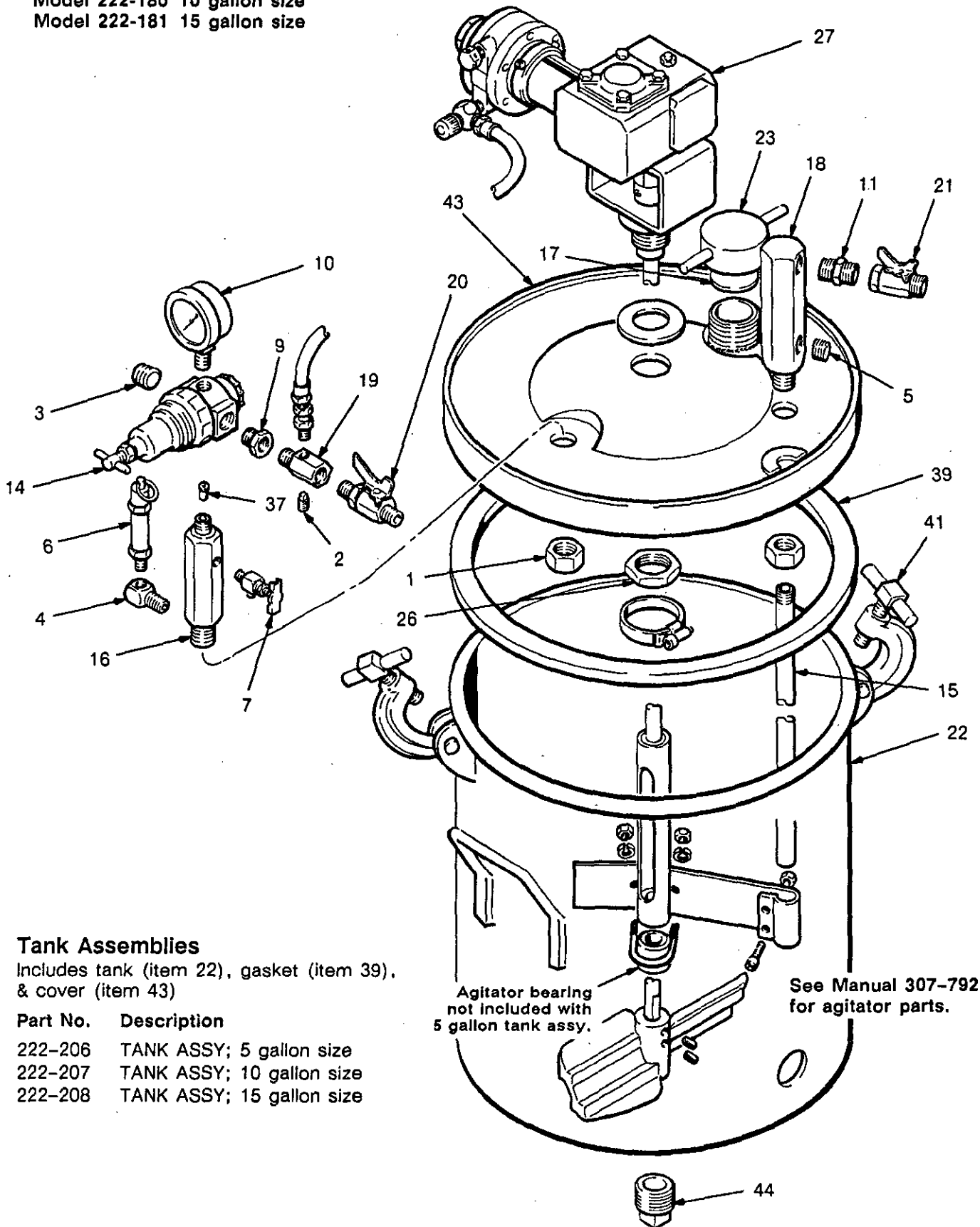
PARTS DRAWING

SINGLE REGULATOR MODELS w/AGITATOR

Model 222-179 5 gallon size

Model 222-180 10 gallon size

Model 222-181 15 gallon size



Tank Assemblies

Includes tank (item 22), gasket (item 39), & cover (item 43)

Part No.	Description
222-206	TANK ASSY; 5 gallon size
222-207	TANK ASSY; 10 gallon size
222-208	TANK ASSY; 15 gallon size

Agitator bearing
not included with
5 gallon tank assy.

See Manual 307-792
for agitator parts.

PARTS LIST

REF NO.	PART NO.	DESCRIPTION	QTY	REF NO.	PART NO.	DESCRIPTION	QTY
1	100-056	NUT, hex jam; 7/8-14	2	21	* 210-071	VALVE, ball; stainless steel; 3/8 (m), See 307-068 for parts	1
2	100-139	PLUG, pipe; 1/8 npt	1	22†	222-020	TANK; 5 gallon size; SST Includes items 41 & 44	1
3	100-361	PLUG, pipe; hdls; 1/2 npt	1		222-021	TANK; 10 gallon size; SST Includes items 41 & 44	1
4	100-840	ELBOW, street; 1/4 npt(mxf)	1		222-022	TANK; 15 gallon size; SST Includes items 41 & 44	1
5	101-748	PLUG, pipe; hdls; 3/8 npt	1	23	210-575	CAP, filter	1
6	103-347	VALVE, air relief; 100 psi (14 bar)	1	27	220-356	AGITATOR; 5 gallon size See 307-792 for parts	1
7	101-759	FITTING, drain cock	1		220-357	AGITATOR; 10 gallon size See 307-792 for parts	1
9	100-081	BUSHING, pipe; 1/2 npt(m) x 3/8 npt(f)	1		220-358	AGITATOR; 15 gallon size See 307-792 for parts	1
10	* 160-430	GAUGE, air pressure; 0-100 psi (0-14 bar) range	1	37	174-026	RESTRICTOR	1
11	166-469	NIPPLE, hex; stainless steel; 3/8 npt	1	39	* 171-966	GASKET; Thiokol®	1
13	175-078	LABEL, Warning (not shown)	1	41	* 110-143	T-HANDLE	6
14	* 171-937	REGULATOR, air, tank; Mylar® diaphragm; 0-125 psi (0-8 bar) range, See 307-204 for parts	1	43	222-023	COVER, tank; SST	1
15	171-974	TUBE; 15 gallon size; SST	1	44	110-133	PLUG, bottom	1
	171-975	TUBE; 10 gallon size; SST	1				
	171-976	TUBE; 5 gallon size; SST	1				
16	171-981	ADAPTER, regulator	1				
17	* 171-988	GASKET; chlororene rubber and cork	1				
18	171-991	ADAPTER, outlet; stainless steel	1				
19	171-992	MANIFOLD, air; (2) 3/8 npt; (2) 1/8 npt	1				
20	* 208-393	VALVE, ball; 3/8 npt(m) See 307-068 for parts	1				

The 307 numbers in the description refer to separate instruction manuals.

*Recommended "tool box" spare parts. Keep them on hand to reduce down time.

†See page 10 for tank assembly numbers.

HOW TO ORDER REPLACEMENT PARTS

1. To be sure you receive the correct replacement parts, kits or accessories, always give all of the information requested in the chart below.
2. Check the parts list to identify the correct part number; **do not use the ref. no. when ordering.**
3. Order all parts from your nearest Graco distributor.

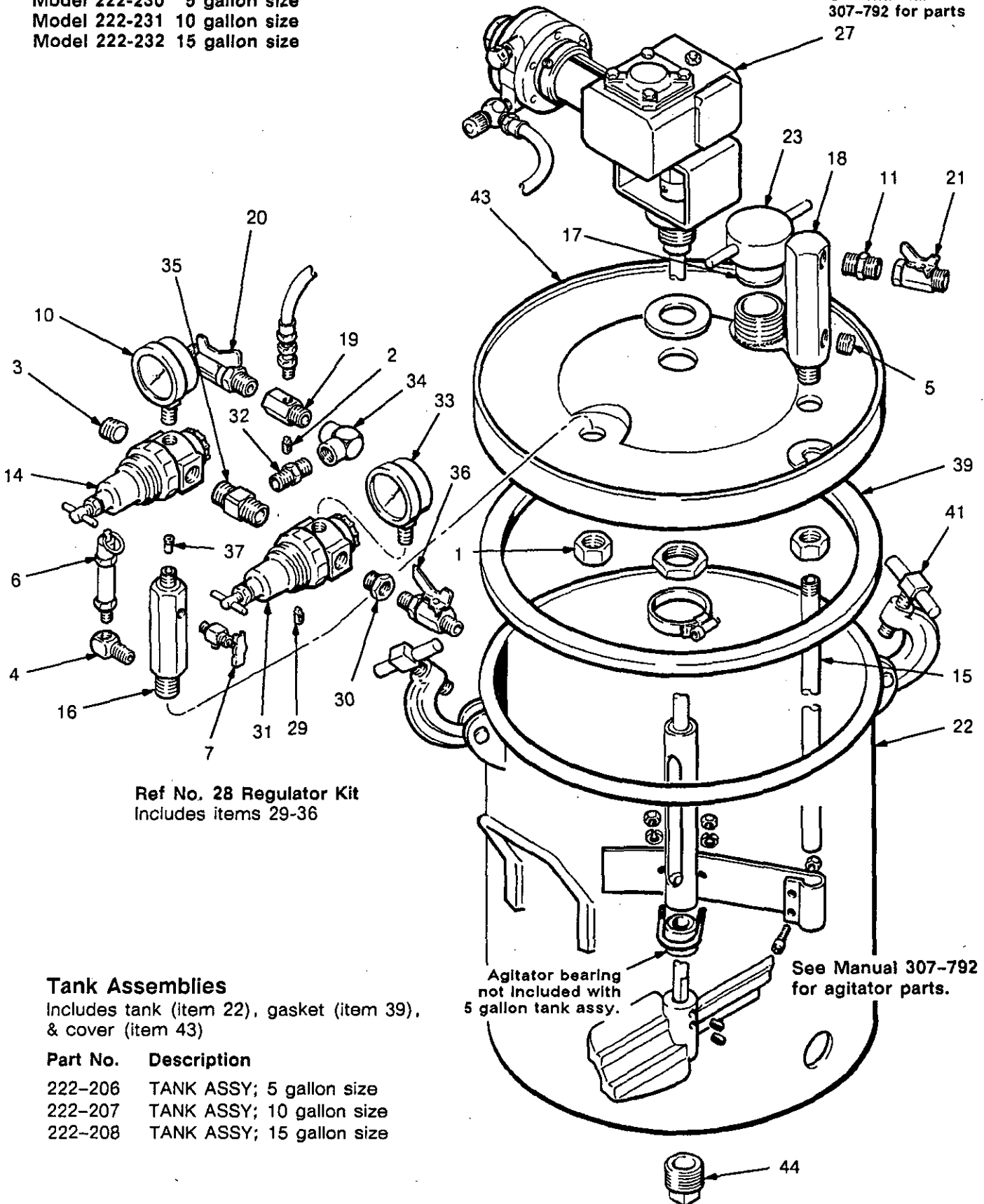
6 digit Part Number	Qty	Part Description

PARTS DRAWING

DOUBLE REGULATOR MODELS w/AGITATOR

- Model 222-230 5 gallon size
- Model 222-231 10 gallon size
- Model 222-232 15 gallon size

See Manual
307-792 for parts
27



Ref No. 28 Regulator Kit
Includes items 29-36

Tank Assemblies

Includes tank (item 22), gasket (item 39), & cover (item 43)

Part No.	Description
222-206	TANK ASSY; 5 gallon size
222-207	TANK ASSY; 10 gallon size
222-208	TANK ASSY; 15 gallon size

Agitator bearing
not included with
5 gallon tank assy.

See Manual 307-792
for agitator parts.

PARTS LIST

REF NO.	PART NO.	DESCRIPTION	QTY	REF NO.	PART NO.	DESCRIPTION	QTY
1	100-056	NUT, hex jam; 7/8-14	2	23	210-575	CAP, filter	1
2	100-139	PLUG, pipe; 1/8 npt	1	27	220-356	AGITATOR; 5 gallon size See 307-792 for parts	1
3	100-361	PLUG, pipe; hdls; 1/2 npt	1		220-357	AGITATOR; 10 gallon size See 307-792 for parts	1
4	100-840	ELBOW, street; 1/4 npt(mxf)	1		220-358	AGITATOR; 15 gallon size See 307-792 for parts	1
5	101-748	PLUG, pipe; hdls; 3/8 npt	1	28	210-613	REGULATOR KIT Includes items 29-36	1
6	103-347	VALVE, air relief; 100 psi (14 bar)	1	29	100-509	.PLUG, sq hd pipe; 1/4 npt(f)	1
7	101-759	FITTING, drain cock	1	30	100-206	.BUSHING, pipe; 1/2 npt(m)x 1/4 npt(f)	1
10	*160-430	GAUGE, air pressure; 0-100 psi (0-14 bar) range	1	31	104-267	.AIR REGULATOR, atomizing See 307-204 for parts	1
11	166-469	NIPPLE, hex; stainless steel; 3/8 npt	1	32	156-849	.NIPPLE, pipe; 3/8 npt	1
13	175-078	LABEL, Warning (not shown)	1	33	160-430	.GAUGE, air pressure; 0-100 psi (0-14 bar) range	1
14	*171-937	REGULATOR, air, tank; Mylar® diaphragm; 0-125 psi (0-8 bar) range, See 307-204 for parts	1	34	165-472	.ELBOW, 90° pipe; 3/8 npt(f)	1
15	171-974	TUBE; 15 gallon size; SST	1	35	172-124	.NIPPLE, regulator	1
	171-975	TUBE; 10 gallon size; SST	1	36	*208-390	.BALL VALVE See 307-068 for parts	1
	171-976	TUBE; 5 gallon size; SST	1	37	174-026	RESTRICTOR	1
16	171-981	ADAPTER, regulator	1	39	*171-966	GASKET; Thiokol®	1
17	*171-988	GASKET; chlororene rubber and cork	1	41	*110-143	T-HANDLE	6
18	171-991	ADAPTER, outlet; stainless steel	1	43	222-023	COVER, tank; SST	1
19	171-992	MANIFOLD, air; (2) 3/8 npt; (2) 1/8 npt	1	44	110-133	PLUG, bottom	1
20	*208-393	VALVE, ball; 3/8 npt(m) See 307-068 for parts	1	<p><i>The 307 numbers in the description refer to separate instruction manuals.</i></p> <p><i>*Recommended "tool box" spare parts. Keep them on hand to reduce down time.</i></p> <p>†See page 12 for tank assembly numbers.</p>			
21	*210-071	VALVE, ball; stainless steel; 3/8 (m), See 307-068 for parts	1				
22†	222-020	TANK; 5 gallon size; SST Includes items 41 & 44	1				
	222-021	TANK; 10 gallon size; SST Includes items 41 & 44	1				
	222-022	TANK; 15 gallon size; SST Includes items 41 & 44	1				

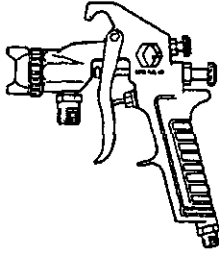
HOW TO ORDER REPLACEMENT PARTS

1. To be sure you receive the correct replacement parts, kits or accessories, always give all of the information requested in the chart below.
2. Check the parts list to identify the correct part number; **do not use the ref. no. when ordering.**
3. Order all parts from your nearest Graco distributor.

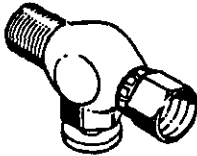
6 digit Part Number	Qty	Part Description

ACCESSORIES (must be purchased separately)

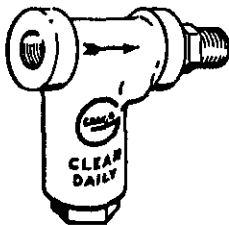
MODELS 600N, 700N, & 800 AIR SPRAY GUN
100 psi (7 bar) MAXIMUM WORKING PRESSURE
See Manuals 307-451; 307-452 and 307-453 for available guns and applications.



AIR ADJUSTING VALVE 205-090
100 psi (7 bar) MAXIMUM WORKING PRESSURE
For controlling atomizing air to the gun. Install at the spray gun.



STRAINER 202-271
300 psi (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.

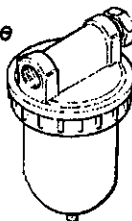


AIR FILTER & WATER SEPARATOR
200 psi (14 bar) MAXIMUM WORKING PRESSURE
Removes harmful dirt and moisture from the compressed air supply. 1/2" size

217-074
with gauge



106-149
without gauge



BUNA-N AIR SUPPLY HOSE
200 psi (14 bar) MAXIMUM WORKING PRESSURE
5/16" ID; cpld 1/4 npsm(f) swivel

210-866 15 ft (4.6 m) long
210-867 25 ft (7.6 m) long

NYLON FLUID SUPPLY HOSE
300 psi (21 bar) MAXIMUM WORKING PRESSURE
3/8" ID; cpld 3/8 npsm(fbe) swivel; neoprene cover

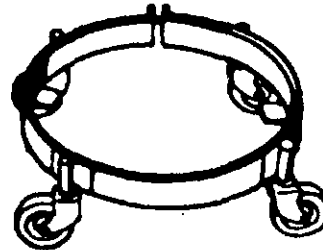
205-160 15 ft (4.6 m) long
205-142 25 ft (7.6 m) long
205-143 50 ft (15.2 m) long

BULK FLUID HOSE 061-200
500 psi (35 bar) MAXIMUM WORKING PRESSURE
1/2" ID, Nylon tube, neoprene cover

See your local Graco Distributor for larger diameter hose.

REUSABLE HOSE COUPLING 104-416
1/2 npt(m) rigid coupling for bulk hose No. 061-200

BAND-TYPE DOLLY 204-144
For increased portability on level surfaces. Fits 5, 10 and 15 gallon tanks.



LEG KIT 223-377
For 5 gallon tanks only.

AIR OPERATED AGITATORS
with gear reducer

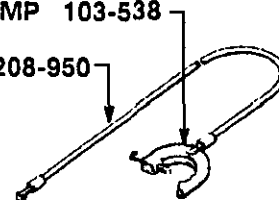
220-356 5 gallon tank size
220-357 10 gallon tank size
220-358 15 gallon tank size

STAINLESS STEEL TANK LINERS & COVER
Liners fit inside the tank. For ease of clean-up and maintenance.

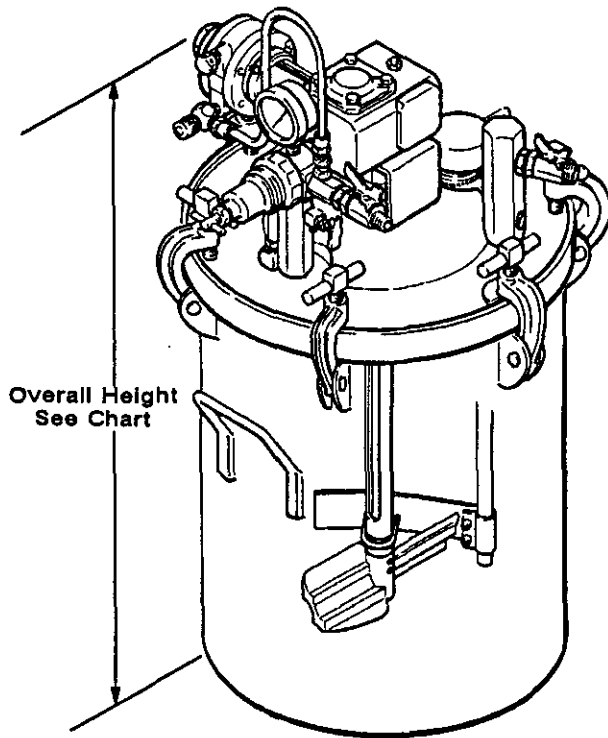
210-602 5 gallon tank size
210-603 10 gallon tank size
210-604 15 gallon tank size

GROUNDING CLAMP 103-538

GROUND WIRE 208-950
25 ft (7.6 m) lg

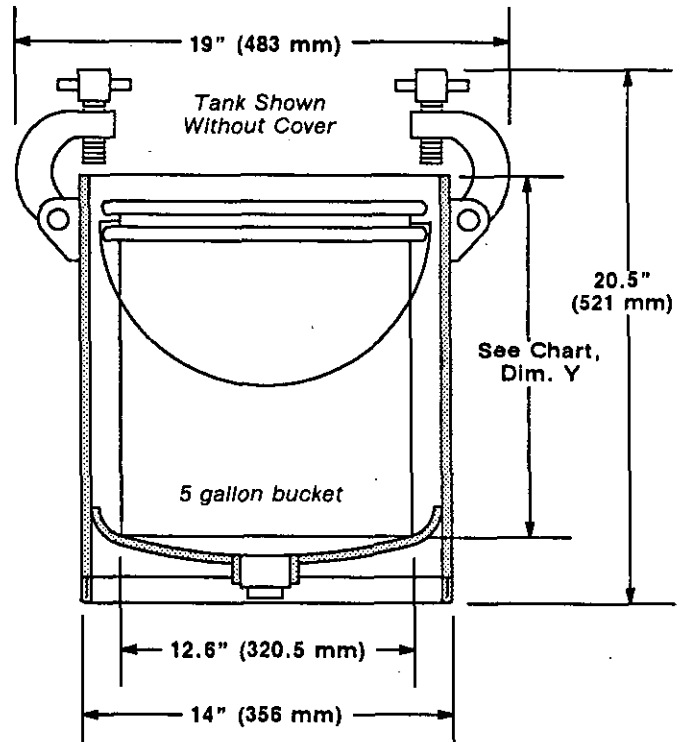


DIMENSIONAL DRAWING



TANK DIMENSIONS

SIZE	Model	Overall Height	Net Weight	Paint Bucket Dim. Y
5 Gallon	222-183	26.38" (670 mm)	75 lb (34 kg)	13.19" (335 mm)
	222-179	26.81" (681 mm)	91 lb (41 kg)	
	222-230	26.81" (681 mm)	93 lb (42 kg)	
10 Gallon	222-184	29.43" (746 mm)	86 lb (39 kg)	18.19" (462 mm)
	222-180	30.18" (767 mm)	102 lb (46 kg)	
	222-231	30.18" (767 mm)	104 lb (47 kg)	
15 Gallon	222-185	42.12" (1070 mm)	100 lb (45 kg)	28.94" (735 mm)
	222-181	42.88" (1089 mm)	118 lb (54 kg)	
	222-232	42.88" (1089 mm)	120 lb (55 kg)	



TECHNICAL DATA

Actual Tank Capacities

- 5 gallon size: 8.8 U.S. gal (33 liter)
- 10 gallon size: 12.6 U.S. gal (48 liter)
- 15 gal size: 19.3 U.S. gal (72 liter)

Maximum Working Pressure: 100 psi (7 bar)

Relief Valve Setting: 100 psi (7 bar)

Agitator Air Consumption (continuous duty):
6 cfm (0.17 m³/min) at 50 rpm and 30 psi (2 bar)
air supply pressure

Air Inlet Size: 3/8 npt(m)

Fluid Outlet Size: 3/8 npt(m)

Air Outlet (dual air regulator models only):
1/4 npt(m)

Weight:

- 5 gallon size: 86.5 lbs (39.2 Kg)
- 10 gallon size: 93 lbs (42.2 Kg)
- 15 gal size: 100 lbs (45.4 Kg)

Wetted Parts

Models Without Agitator: 303, 304, 410 & 416 Stainless Steel, Thiokol®, Zytel®, Mylar®, Viton®

Models With Agitator: 303, 304 & 416 Stainless Steel, Thiokol®, Zytel®, Mylar®, PTFE Viton®, Bronze

Zytel®, Mylar®, PTFE and Viton® are registered trademarks of the Du Pont Company.

Thiokol® is a registered trademark of the Thiokol Chemical Corporation.

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 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.

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.

SERVICE INFORMATION

The manual was revised to change item 41 (T-handle) from part no. 110-144 to part no. 110-143 and to change the quantity from 3 to 6.

Factory Branches: Atlanta, Chicago, Dallas, Detroit, Los Angeles, West Caldwell (N.J.)

Subsidiary and Affiliate Companies: Canada; England; Switzerland; France; Germany; Hong Kong; Japan

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