Instructions–Parts List



ALUMINUM AND STAINLESS STEEL, 1:1 RATIO Triton[®] 308 Spray Packages

309304 rev.K

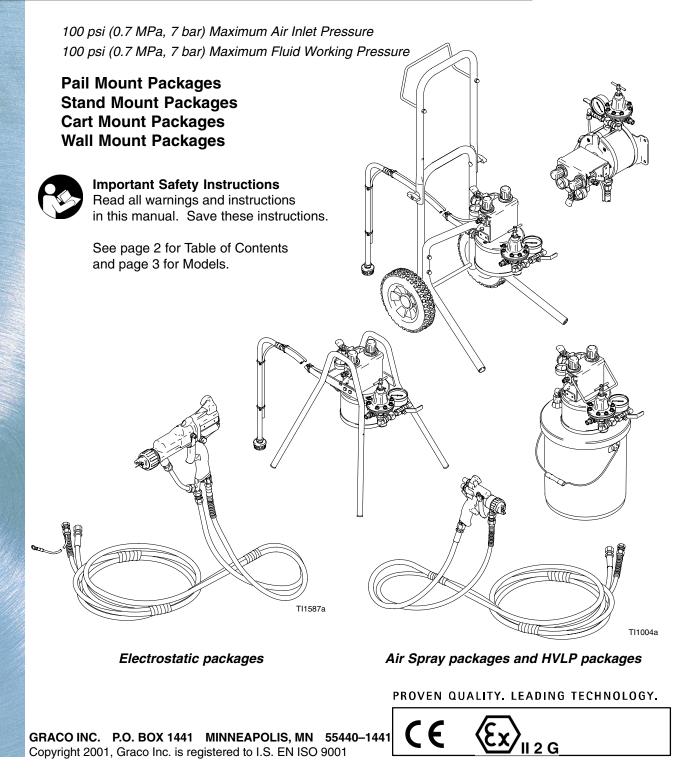


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Graco Information

Models

Spray Package Description	Pail Mount	Stand Mount	Cart Mount	Wall Mount
Aluminum Pump, No Gun	233466	233473	233480	233487
Stainless Steel Pump, No Gun	233467	233474	233481	233488
Aluminum Pump, Delta II Air Spray Gun	233468	233475	233482	233489
Stainless Steel Pump, Delta II Air Spray Gun	233469	233476	233483	233490
Aluminum Pump, Delta II HVLP Spray Gun	233470	233477	233484	233491
Stainless Steel Pump, Delta II HVLP Spray Gun	233471	233478	233485	233492
Aluminum Pump, Delta II Compliant Spray Gun	234911	234913	234915	234917
SST Pump, Delta II Compliant Spray Gun	234912	234914	234916	234918
Aluminum Pump, PRO Xs2 Electrostatic Spray Gun	233741	233743	233746	233748
Aluminum Pump, PRO Xs3 Electrostatic Spray Gun	233742	233744	233747	233749

Symbols

Warning Symbol

WARNING

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

Caution Symbol

A CAUTION

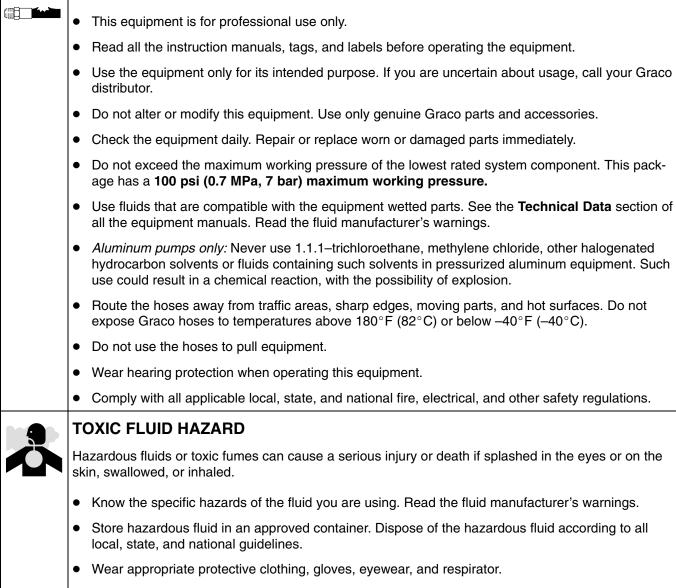
This symbol alerts you to the possibility of damage to or destruction of equipment if you do not follow the corresponding instructions.

atti (1)	PRESSURIZED FLUID HAZARD
	Spray from the gun, hose leaks, or ruptured components can splash fluid in the eyes or on the skin and cause serious injury.
	 Do not stop or deflect fluid leaks with your hand, glove, or rag.
	• Follow the Pressure Relief Procedure on page 10 before cleaning, checking, or servicing the equipment.
	Tighten all fluid connections before each use.
	• Check the hoses, tubes, and couplings daily. Replace parts immediately if worn, damaged, or loose. Permanently coupled hoses cannot be repaired.
(L.L.	FIRE AND EXPLOSION HAZARD
	Improper grounding, poor air ventilation, open flames, or sparks can cause a hazardous condition and result in fire or explosion and serious injury.
Aunt	• Ground the equipment, the object being sprayed, and all other electrically conductive objects in the spray area. See Grounding on page 10.
	• Electrostatic guns require special grounding procedures. If your package includes an electrostatic spray gun, read and follow all grounding instructions in the gun manuals 309291, 309292, and 309294.
	• If there is any static sparking while using the equipment, stop spraying immediately . Identify and correct the problem.
	• Provide fresh air ventilation to avoid the buildup of flammable vapors from the solvent or the fluid being sprayed.
	• Do not smoke in the spray area.
	 Extinguish all open flames or pilot lights in the spray area.
	 Do not turn on or off any light switch in the spray area.
	Electrically disconnect all equipment in the spray area.
	 Keep the spray area free of debris, including solvent, rags, and gasoline.
	Do not operate a gasoline engine in the spray area.

WARNING

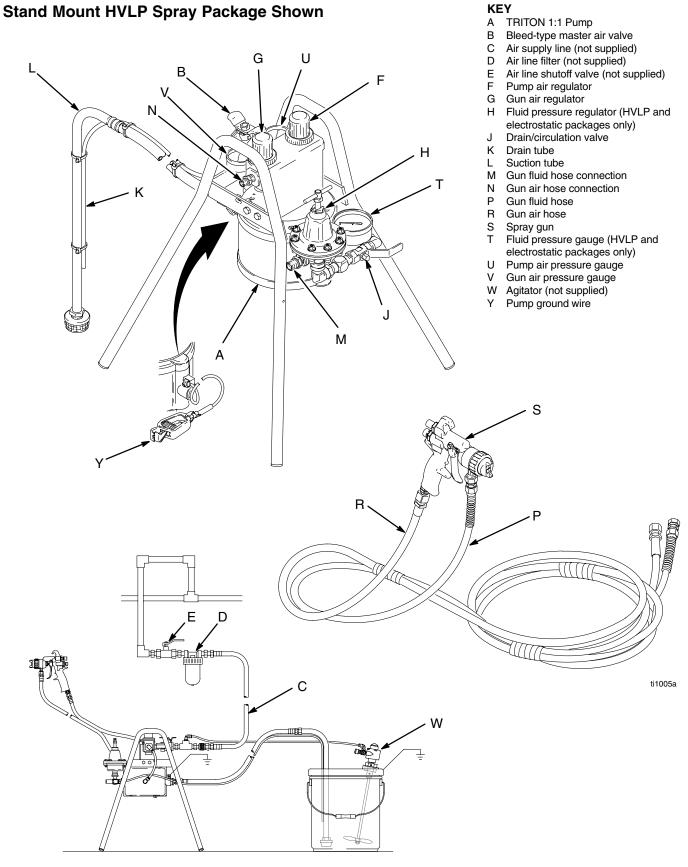
EQUIPMENT MISUSE HAZARD

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



• If the pump diaphragm fails, hazardous fluid may be exhausted along with the air.

Component Identification



Use a stainless steel package to spray waterborne, acid-catalyzed, or 2-component materials. Use of aluminum packages with these materials is not recommended. See the wetted parts in the **Technical Data** section of each component manual, and your fluid and solvent manufacturer's compatibility information.



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.

- Read TOXIC FLUID HAZARD on page 5.
- Use fluids and solvents that 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.

General Information

- Always use Genuine Graco Parts and Accessories, available from your Graco distributor. If you supply your own accessories, be sure they are adequately sized and pressure rated for your system.
- Reference numbers and letters in parentheses refer to the callouts in the Figs. and the parts lists starting on page 12.

Preparing the Site

- Ensure that you have an adequate compressed air supply for the pump and gun. Refer to the separate pump and gun manuals for air consumption data.
- Clear obstacles and debris that could cause an unsafe operating environment.
- Have a grounded, metal pail available for use when flushing the spray package.
- Bring an air supply line (C) from the main air supply to the pump location. Install an accessory air filter (D) on the compressed air line to filter dirt and moisture from the air supply. Install a shutoff valve (E) to isolate the filter for cleaning.
- When the bleed-type master air valve (B) is closed and the pump air regulator (F) and gun air regulator (G) are opened, it relieves all air pressure to the system components.
- Ventilate the spray booth.

WARNING

To prevent hazardous concentrations of toxic and/or flammable vapors, spray only in a properly ventilated spray booth. Never operate the spray gun unless ventilation fans are operating.

Check and follow all of the national, state, and local codes regarding air exhaust velocity requirements.

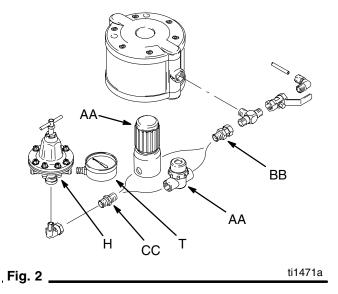
Pump Outlet Fluid Filter Accessories

To install a fluid filter on the pump outlet, order a filter (AA), swivel (BB), and nipple (CC). Refer to Table 1 for the part numbers you must order for an aluminum or a stainless steel package.

Refer to Fig. 2. Install the fluid filter between the pump fluid outlet and the gun fluid hose connection. If a fluid regulator (H) is present, it must be rotated so the gauge (T) will clear the filter.

Table 1: Installing a Fluid Filter

Fluid Filter (AA)	Swivel (BB)	Nipple (CC)
114361; nylon; 150 psi; 80 mesh; for aluminum or stainless steel packages	235207; 3/8 npt(m) x 3/8 npsm(f); sst	166863; 1/4 npt x 3/8 npt; sst
235677; aluminum; 3000 psi; 60 mesh; for aluminum packages	157705; 1/4 npt(m) x 3/8 npsm(f); cst	165198; 1/4 npt x 3/8 npt; cst
223160; sst; 5000 psi; 60 mesh; for stainless steel packages	235207; 3/8 npt(m) x 3/8 npsm(f); sst	166863; 1/4 npt x 3/8 npt; sst



Gun Inlet Filter

To install a filter between the hose and gun inlet, order Filter 915921, 100 mesh, 500 psi, sst, 3/8 npsm (m x f).

Agitator Kit 245081

Part No. 245081 Agitator Kit is available for the TRITON Sprayer Packages as an accessory. The kit must be ordered separately. Instructions are included.

Fluid Suction Line

- The pump fluid inlet is 3/4 npt(f). Screw the suction line (L) into the pump inlet snugly. Use a compatible liquid thread sealant on connections to prevent air from getting into the fluid line.
- Do not pressure feed this pump.
- See the **Technical Data** in the pump manual 309303 for maximum suction lift.

Preparing the Operator

Anybody who operates this system should be trained in the safe, efficient operation of all system components. At a minimum, all operators should thoroughly read the TRITON operation manual, 309305.

Related Manuals

309305	TRITON [™] 308 Spray Package Operation
309303	TRITON [™] 308 Pump
310692	Delta™ II Air Spray, HVLP, and Compliant Gun
309291, 309294	PRO Xs2 Electrostatic Air Spray Gun
309292, 309294	PRO Xs3 Electrostatic Air Spray Gun
308325	Acetal Fluid Regulator
307212	Stainless Steel Fluid Regulator
309306	Agitator Kit

Wall Mount Packages

NOTE: Refer to Fig. 3 and to the Wall Mounting Template on page 21.

- 1. Ensure that the wall is strong enough to support the weight of the pump and accessories, fluid, hoses, and stress caused during pump operation.
- 2. Use the Wall Mounting Template on page 21 to set the position of the wall bracket. The top edge of the bracket should be 4 to 5 ft (1.2 to 1.5 m) above the floor. Verify that the dimensions are exact and the hole locations are level before drilling the holes.

NOTE: It is easier to mount the wall bracket (31) if the control bracket (4) and pump (1) are removed. Disconnect the air tube (12) from the elbow (11), then loosen the two screws (3) and lift the control bracket (4) off the screws. To remove the pump (1), remove the screws (3) entirely.

3. Using the template, drill four 0.38 in. (9.6 mm) diameter holes in the wall. Attach the bracket with anchors and screws that are long enough to keep the bracket from vibrating during operation. Check that the bracket is level.

Suction Kit Accessories

Suction kits are available for the wall mount packages, as an accessory. The kits must be ordered separately. Refer to Table 2 for information.

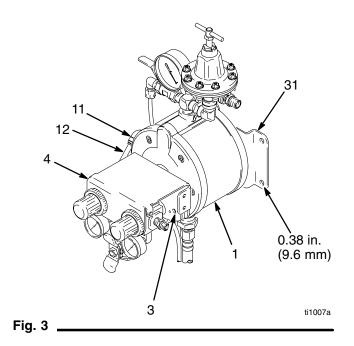


Table 2: Wall Mount Suction Kits

Part No.	Suction Kit Description	Hose Length	Tube Length
245082	Aluminum, 5 gal pail size, with strainer	4 ft (1.2 m)	17 in. (0.43 m)
245083	Stainless Steel, 5 gal pail size, with strainer	4 ft (1.2 m)	17 in. (0.43 m)
245084	Aluminum, 55 gal drum size, with bung adapter	6 ft (1.8 m)	38 in. (0.96 m)
245085	Stainless Steel, 55 gal drum size, with bung adapter	6 ft (1.8 m)	38 in. (0.96 m)

Grounding

To reduce the risk of static sparking, the entire system must be grounded. Check your local electrical code for detailed grounding instructions for your area and type of equipment. Ground all of this equipment. Also read **FIRE AND EXPLOSION HAZARD** on page 4.

- *Spray package:* One end of the ground wire is already connected to the pump. Connect the clamp end of the ground wire to a true earth ground.
- Packages with PRO Xs2 and Xs3 electrostatic guns: Make sure you read all of the grounding instructions and warnings in your gun instruction manuals 309291, 309292, and 309294.
- *Air compressor:* Follow the manufacturer's recommendations.
- Object being sprayed: Follow the local code.
- Fluid supply container. Follow the local code.
- All solvent pails used when flushing: Follow the local code. Use only metal pails, which are conductive. Do not place the pail on a non-conductive surface, such as paper or cardboard, which interrupts the grounding continuity.

Flush Pump Before First Use

The pump was tested in water. If the test solution could contaminate the fluid you are pumping, flush the pump thoroughly with a compatible solvent. Refer to the Operation Manual 309305 for flushing instructions.

Pressure Relief Procedure

WARNING

The system remains pressurized until pressure is manually relieved. To reduce the risk of serious injury from pressurized fluid, accidental spray from the gun, or splashing of any fluid, follow this procedure whenever you

- Stop spraying
- Are instructed to relieve pressure
- Check or service any system equipment
- Install, clean, or change spray nozzles
- 1. Close the bleed-type master air valve (B) to relieve the air pressure.
- 2. **On electrostatic guns only,** turn the ES ON/OFF lever to OFF.
- 3. Hold the gun (B) firmly against a grounded metal pail and trigger the gun to relieve the fluid pressure.
- 4. Place the drain tube (K) in a waste pail. Open the drain/circulation valve (J) to relieve any fluid pressure trapped in the system.

Maintenance

See the separate component instruction manuals for individual component maintenance procedures.

Daily Maintenance

Check the hoses, tubes, and couplings daily. Tighten all fluid connections before each use.

Flushing the System

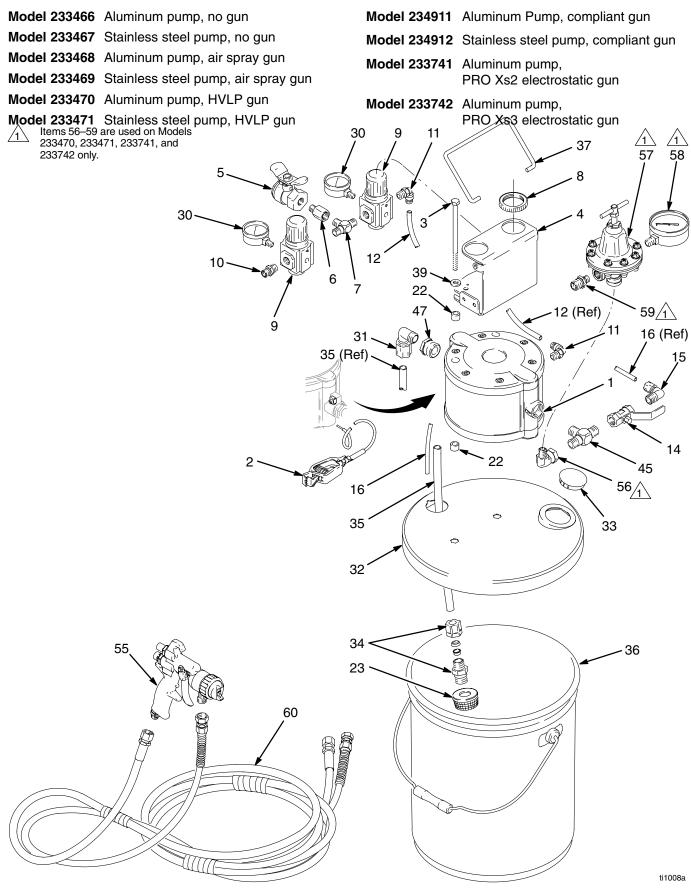
Flush the system at the following times:

- Before the first-time use
- When changing colors
- Before fluid can dry or settle out in a dormant system
- Before storing the system

Troubleshooting

PROBLEM	CAUSE	SOLUTION
Pump will not run.	Closed air line valve.	Open valve.
	Inadequate air supply, or clogged/ restricted air line.	Increase air supply. Do not exceed maximum air inlet pressure.
		Open or clear air line.
		Clean air filter.
	Clogged fluid line or spray gun.	Clear, service. Do not allow fluid to set up in the pump and lines.
	Stuck or damaged pump air valve.	Service pump. Use filtered air.
	Ruptured diaphragm.	Service pump.
Pump runs sluggishly.	Worn or damaged spool o-rings.	Service pump.
Pump runs erratically.	Clogged suction line or inlet strainer.	Clear.
	Sticking or leaking check valves.	Service pump.
Pump runs too fast.	Exhausted fluid supply.	Refill fluid supply and prime sprayer.
Pump cycles at stall or fails to hold pressure at stall.	Worn check valves or o-rings.	Service pump.
Audible air leak.	Worn air valve cup or plate.	Service pump.
Air bubbles in fluid.	Loose suction line.	Tighten. Use a compatible liquid thread sealant on connections.
Poor finish or irregular spray pat- tern.	Incorrect fluid or air pressure at gun.	See gun manual; read fluid manufacturer's recommendations.
		Use fluid regulator.
	Fluid is too thin or too thick.	Adjust fluid viscosity; read fluid manufacturer's recommendations.
	Dirty, worn, or damaged spray gun.	Service gun.
	Fluid is settling out.	Use agitator. Order Part No. 245081 Agitator Kit.

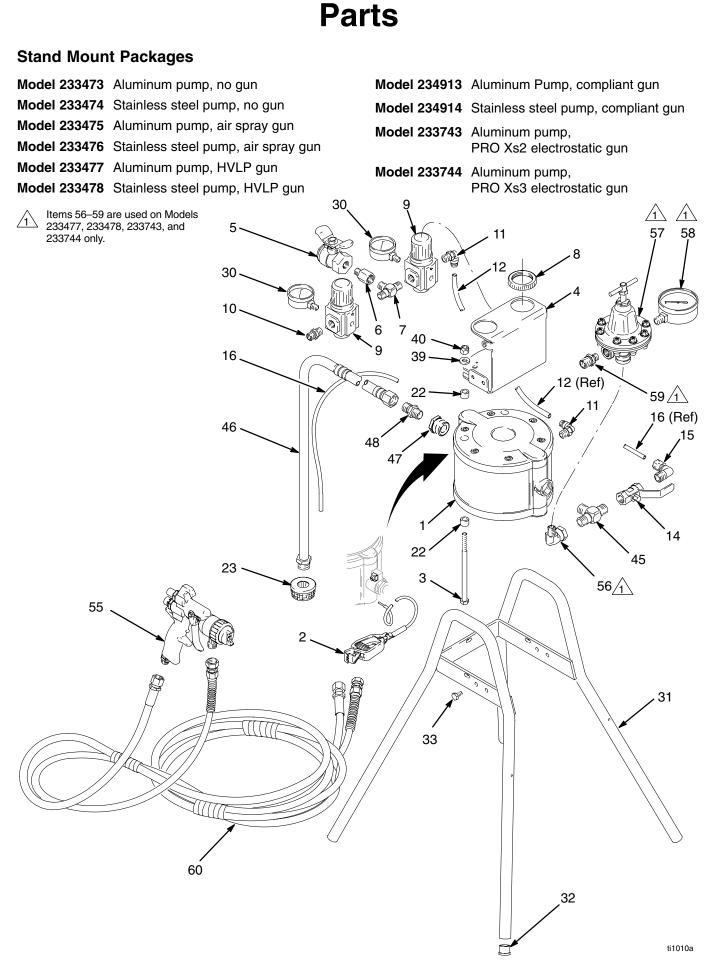
Pail Mount Packages



Parts

Pail Mount Packages

Mode	233466 A	luminum pump, no gun		Mode	1 234911	Aluminum Pump, compliant gun	
Mode	233467 S	Stainless steel pump, no gun		Mode	I 234912	Stainless steel pump, compliant gur	า
Mode	233468 A	Aluminum pump, air spray gun		Modo	1 0007/11	Aluminum nump BBO Vo2 clostro	
Mode	233469 S	Stainless steel pump, air spray gun		static		Aluminum pump, PRO Xs2 electro-	
Mode	233470 A	luminum pump, HVLP gun		Mode	1 233742	Aluminum pump, PRO Xs3 electro-	
Mode	233471 S	stainless steel pump, HVLP gun		static			
Ref.	B N		<u>.</u>	Ref.	D		. .
No.	Part No.	Description	Qty.	No.	Part No.	Description	Qty.
1	233500	PUMP, diaphragm; aluminum;	1	47	110050		
		for 233466, 233468, 233470, 2337	41,	47	116350	BUSHING; sst; 3/4 npt(m) x 3/8 npt(f)	
	000501	233742	4	55	234638	GUN, Delta air spray;	1
	233501	PUMP, diaphragm; sst;	1			for 233468, 233469; see manual 310692	
0	238909	for 233467, 233469, 233471 GROUND WIRE & CLAMP ASSY	4		234649		1
2			1 2		234049	GUN, Delta HVLP spray;	I
3	116311	SCREW, cap, hex hd;	2			for 233470, 233471;	
4	107100	5/16 unc x 5.5 in. (140 mm)	4		004005	see manual 310692	4
4	197126	BRACKET, control	1		234695	GUN, Delta Compliant spray;	1
5	116473	VALVE, air, bleed-type; 1/4 npt(fbe)				for 234911, 234912;	
6	116393	ADAPTER; 1/4 npt (m x f)	1			see manual 310692	
7	115219	TEE; 1/4 npt(m)	1		244399	GUN, PRO Xs2 electrostatic;	1
8	116514	NUT, regulator	2			for 233741;	
9	116513	REGULATOR, air	2			see manual 309291 and 309294	
10	162453	NIPPLE; 1/4 npsm x 1/4 npt	1		244400	GUN, PRO Xs3 electrostatic;	1
11	115948	ELBOW; 1/4 npt(m) x	2			for 233742;	
		0.312 in. (8 mm) OD tubing		56	116395	ELBOW; cst; 1/4 npt(m) x 3/8 npt(f)	1
12	buy locally		0.5 ft			swivel; for 233470, 233741, 233742	
		0.312 in. (8 mm) OD			207123	ELBOW; sst; 3/8 npt(m) x	1
14	114363	VALVE, ball, fluid; sst; 3/8 npt(fbe)	1			3/8 npsm(f) swivel;	
15	116314	ELBOW; 3/8 npt(m) x	1			for 233471	
		0.25 in. (6 mm) OD tubing		57	241976	REGULATOR, fluid, acetal;	1
16	buy locally	TUBE; polyethylene;	2.2 ft			0–30 psi (0–0.2 MPa, 0–2 bar) range;	;
		0.25 in. (6 mm) OD				includes gauge; for 233470, 233741,	
22	197449	SPACER	4			233742; see manual 308325	
23	218798	STRAINER	1		214895	REGULATOR, fluid; sst;	1
30	110436	GAUGE, pressure, air	2			0–100 psi (0–0.6 MPa, 0–7 bar) range	e;
31	116315	ELBOW; 3/8 npt(m) x	1			for 233471; see manual 307212	
		0.5 in. (13 mm) OD tubing		58	187874	GAUGE, pressure, fluid;	1
32	197298	COVER, pail; cst;	1			sst; for 233471	
		for 233466, 233468, 233470, 23374	41,	59	165198	NIPPLE; cst; 1/4 npt x 3/8 npt;	1
		233742				for 233470, 233741, 233742	
	197216	COVER, pail; sst;	1		171195	NIPPLE; sst; 3/8 npsm x 3/8 npt;	1
		for 233467, 233469, 233471				for 233471	
33	111813	PLUG, button	1	60	233498	HOSE ASSY; cst fittings;	1
34	116316	FITTING, straight; 1/2 npt(m) x	1			3/8 npsm(f) nylon fluid hose;	
		0.5 in. (13 mm) OD tubing	-			1/4 npsm(f) air hose; 25 ft (7.6 m);	
35	197971	TUBE, suction; polyethylene;	1			for 233468, 233470	
		0.5 in. (13 mm) OD x 14.5 in. (368 n			233499	HOSE ASSY; sst fittings;	1
36	101108	PAIL, 5 gal. (19 l); steel	1		200.00	3/8 npsm(f) nylon fluid hose;	•
37	197127	HANDLE, pail mount	1			1/4 npsm(f) air hose; 25 ft (7.6 m);	
39	104034	WASHER; 5/16 size	2			for 233469, 233471	
45	113786	TEE; cst; 3/8 npt(m);	<u>د</u> 1		240425	HOSE ASSY, electrostatic;	1
75	110700	for 233466, 233468, 233470, 23374	11		27092J	3/8 npsm(f) nylon fluid hose;	I
		233742	,			1/4 npsm(f) air hose with ground wire	
	116400	TEE; sst; 3/8 npt(m);	1			and left-hand thread; 25 ft (7.6 m);	
	110400		I				
		for 233467, 233469, 233471				for 233741, 233742 309304	13
						000007	



Ref.

Stand Mount Packages

Ref.

Model 233473	Aluminum pump, no gun
Model 233474	Stainless steel pump, no gun
Model 233475	Aluminum pump, air spray gun
Model 233476	Stainless steel pump, air spray gun
Model 233477	Aluminum pump, HVLP gun
Model 233478	Stainless steel pump, HVLP gun

Ret.				Ret.			
No.	Part No.	Description	Qty.	No.	Part No.	Description	Qty.
1	233500	PUMP, diaphragm; aluminum; for 233473, 233475, 233477, 2337	1 743,	55	234638	GUN, Delta air spray; for 233475, 233476;	1
	233501	<i>233744</i> PUMP, diaphragm; sst;	1			see manual 310692	
	200001	for 233474, 233476, 233478			234649	GUN, Delta HVLP spray;	1
2	238909	GROUND WIRE & CLAMP ASSY	1			for 233477, 233478;	
3	116311	SCREW, cap, hex hd;	2		234695	<i>see manual 310692</i> GUN, Delta Compliant spray;	1
		5/16 unc x 5.5 in. (140 mm)			234095	for 234913, 234914;	I
4	197126	BRACKET, control	1			see manual 310692	
5	116473	VALVE, air, bleed-type; 1/4 npt(fbe)) 1		244399	GUN, PRO Xs2 electrostatic;	1
6	116393	ADAPTER; 1/4 npt (m x f)	1		211000	for 233743;	
7	115219	TEE; 1/4 npt(m)	1			see manuals 309291 and 309294	
8	116514	NUT, regulator	2		244400	GUN, PRO Xs3 electrostatic;	1
9	116513	REGULATOR, air	2			for 233744;	
10	162453	NIPPLE; 1/4 npsm x 1/4 npt	1			see manuals 309292 and 309294	
11	115948	ELBOW; 1/4 npt(m) x	2	56	116395	ELBOW; cst; 1/4 npt(m) x 3/8 npt(f)	1
		0.312 in. (8 mm) OD tubing				swivel; for 233477, 233743, 233744	!
12	buy locally	TUBE; polyethylene;	0.5 ft		207123	ELBOW; sst; 3/8 npt(m) x	1
		0.312 in. (8 mm) OD				3/8 npsm(f) swivel;	
14	114363	VALVE, ball, fluid; sst; 3/8 npt(fbe)	1			for 233478	
15	116314	ELBOW; 3/8 npt(m) x	1	57	241976	REGULATOR, fluid; acetal;	1
10	hund beelly	0.25 in. (6 mm) OD tubing	F 0 #			0–30 psi (0–0.2 MPa, 0–2 bar) rang	
16	buy locally	TUBE; polyethylene; 0.25 in. (6 mm) OD	5.3 ft			includes gauge; for 233477, 233743	3,
22	197449	SPACER	4			233744; see manual 308325	
23	218798	STRAINER	1		214895	REGULATOR, fluid; sst;	1
30	110436	GAUGE, pressure, air	2			0–100 psi (0–0.6 MPa, 0–7 bar) ran	ge;
31	218743	FRAME, stand, pump	1	50	107074	for 233478;see manual 307212	
32	108175	PLUG, stand	4	58	187874	GAUGE, pressure, fluid; sst;	1
33	100333	SCREW, cap, hex hd;	4	50	165100	for 233478	-
		1/4–20 x 0.5 in. (13 mm)		59	165198	NIPPLE; cst; 1/4 npt x 3/8 npt;	I
39	104034	WASHER; 5/16 size	2		171195	<i>for 233477, 233743, 233744</i> NIPPLE; sst; 3/8 npsm x 3/8 npt;	1
40	111040	NUT, lock; nylon insert; 5/16–18	2		171195	for 233478	I
45	113786	TEE; cst; 3/8 npt(m);	1	60	233498	HOSE ASSY; cst fittings;	1
		for 233473, 233475, 233477, 2337	743,	00	200400	3/8 npsm(f) nylon fluid hose;	'
		233744				1/4 npsm(f) air hose; 25 ft (7.6 m);	
	116400	TEE; sst; 3/8 npt(m);	1			for 233475, 233477	
		for 233474, 233476, 233478			233499	HOSE ASSY; sst fittings;	1
46	244432	HOSE, suction; aluminum and LDF	PE; 1			3/8 npsm(f) nylon fluid hose;	
		for 233473, 233475, 233477				1/4 npsm(f) air hose; 25 ft (7.6 m);	
	244433	HOSE, suction; sst;	1			for 233476, 233478	
		for 233474, 233476, 233478, 2334			240425	HOSE ASSY, electrostatic;	1
47	116350	BUSHING; sst; 3/4 npt(m) x 3/8 np				3/8 npsm(f) nylon fluid hose;	
48	162485	NIPPLE; cst; 3/8 npsm x 3/8 npt;	1			1/4 npsm(f) air hose with ground wir	е
		for 233473, 233475, 233477, 2337	43,			and left-hand thread; 25 ft (7.6 m);	
	110100	233744				for 233479, 233743, 233744	
	112100	NIPPLE; sst; 9/16–18 x 3/8 npt;	1				
		for 233474, 233476, 233478				309304	15

Model 234914 Stainless steel pump, compliant gun

Model 233743 Aluminum pump, PRO Xs2 electrostatic gun

Model 233744 Aluminum pump, PRO Xs3 electrostatic gun

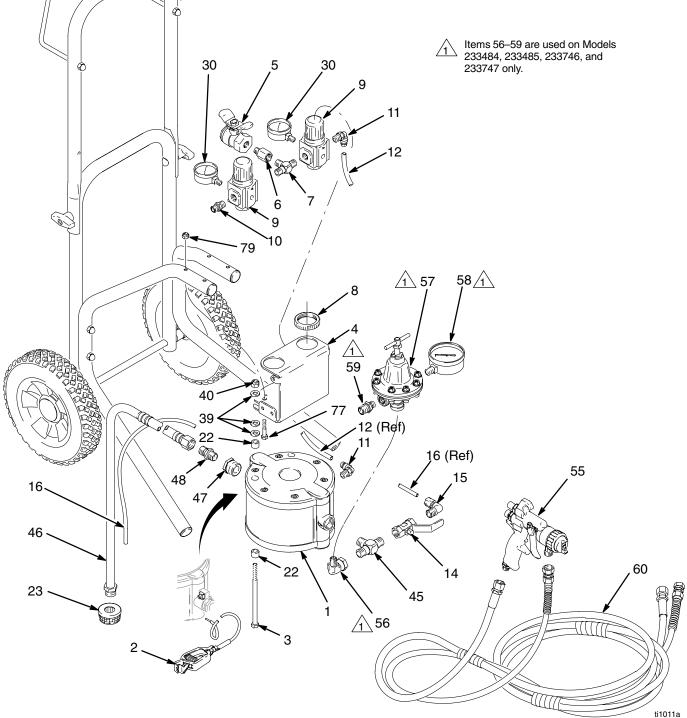
Qty.

Cart Mount Packages

Model 233480Aluminum pump, no gunModel 233481Stainless steel pump, no gunModel 233482Aluminum pump, air spray gunModel 233483Stainless steel pump, air spray gunModel 233484Aluminum pump, HVLP gunModel 233485Stainless steel pump, HVLP gun

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Model 234915Aluminum Pump, compliant gunModel 234916Stainless steel pump, compliant gunModel 233746Aluminum pump,
PRO Xs2 electrostatic gunModel 233747Aluminum pump,
PRO Xs3 electrostatic gun



Cart Mount Packages

Ref.

Model 233480	Aluminum pump, no gun
Model 233481	Stainless steel pump, no gun
Model 233482	Aluminum pump, air spray gun
Model 233483	Stainless steel pump, air spray gun
Model 233484	Aluminum pump, HVLP gun
Model 233485	Stainless steel pump, HVLP gun

No.	Part No.	Description	Qty.	No.
1	233500	PUMP, diaphragm; aluminum; for 233480, 233482, 233484, 2337 233747	1 46,	55
	233501	PUMP, diaphragm; sst; for 233481, 233483, 233485	1	
2	238909	GROUND WIRE & CLAMP ASSY	1	
3	116311	SCREW, cap, hex hd; 5/16 unc x 5.5 in. (140 mm)	2	
4	197126	BRACKET, control	1	
5	116473	VALVE, air, bleed-type; 1/4 npt(fbe)	1	
6	116393	ADAPTER; 1/4 npt (m x f)	1	
7	115219	TEE; 1/4 npt(m)	1	
8	116514	NUT, regulator	2	
9	116513	REGULATOR, air	2	
10	162453	NIPPLE; 1/4 npsm x 1/4 npt	1	
11	115948	ELBOW; 1/4 npt(m) x 0.312 in. (8 mm) OD tubing	2	56
12	buy locally	TUBE; polyethylene;	0.5 ft	
14	114363	VALVE, ball, fluid; sst; 3/8 npt(fbe)	1	
15	116314	ELBOW; 3/8 npt(m) x 0.25 in. (6 mm) OD tubing	1	57
16	buy locally	TUBE; polyethylene;	5.3 ft	
22	197449	SPACER	4	
23	218798	STRAINER	1	
30	110436	GAUGE, pressure, air	2	
31	233581	CART ASSEMBLY	1	58
39	104034	WASHER; 5/16 size	6	
40	111040	NUT, lock; nylon insert; 5/16–18	2	59
45	113786	TEE; cst; 3/8 npt(m);	1	
-10	110/00	for 233480, 233482, 233484, 23374 233747	•	
	116400	TEE; sst; 3/8 npt(m); <i>for 233481, 233483, 233485</i>	1	60
46	244432	HOSE, suction; aluminum and LDP for 233480, 233482, 233484, 2337 233747		
	244433	HOSE, suction; sst; <i>for 233481, 233483, 233485</i>	1	
47	116350	BUSHING; sst; 3/4 npt(m) x 3/8 npt((f) 1	
48	162485	NIPPLE; cst; 3/8 npsm x 3/8 npt; for 233480, 233482, 233484, 23374 233747	1	
	112100	NIPPLE; sst; 9/16–18 x 3/8 npt; for 233481, 233483, 233485	1	
		101 200701, 200700, 200700		77

Model 234915	Aluminum Pump, compliant gun	
Model 234916	Stainless steel pump, compliant gun	
Model 233746 static gun	Aluminum pump, PRO Xs2 electro-	

Model 233747 Aluminum pump, PRO Xs3 electrostatic gun

Ref. No.	Part No.	Description Qty.
55	234638	GUN, Delta air spray; 1 for 233482, 233483;
	004640	see manual 310692
	234649	GUN, Delta HVLP spray; 1 for 233484, 233485;
	234695	see manual 310692 GUN, Delta Compliant spray; 1 for 234915, 234916;
	244399	see manual 310692 GUN, PRO Xs2 electrostatic; 1 for 233746;
	244400	see manuals 309291 and 309294 GUN, PRO Xs3 electrostatic; 1 for 233747;
56	116395	see manuals 309292 and 309294 ELBOW; cst; 1/4 npt(m) x 3/8 npt(f) 1 swivel; for 233484, 233746, 233747
	207123	ELBOW; sst; 3/8 npt(m) x 1 3/8 npsm(f) swivel;
57	241976	for 233485 REGULATOR, fluid; acetal; 1 0–30 psi (0–0.2 MPa, 0–2 bar) range; includes gauge: for 223484, 223746
	214895	includes gauge; <i>for 233484, 233746, 233747; see manual 308325</i> REGULATOR, fluid; sst 1 0–100 psi (0–0.6 MPa, 0–7 bar) range;
58	187874	for 233485; see manual 307212 GAUGE, pressure fluid; sst; 1 for 233485
59	165198	NIPPLE; cst; 1/4 npt x 3/8 npt; 1 for 233484, 233746, 233747
	171195	NIPPLE; sst; 3/8 npsm x 3/8 npt; 1 for 233485
60	233498	HOSE ASSY; cst fittings; 1 3/8 npsm(f) nylon fluid hose;
	000400	1/4 npsm(f) air hose; 25 ft (7.6 m); <i>for 233482, 233484</i>
	233499	HOSE ASSY; sst fittings;13/8 npsm(f) nylon fluid hose;1/4 npsm(f) air hose; 25 ft (7.6 m);
	240425	for 233483, 233485 HOSE ASSY, electrostatic; 1 3/8 npsm(f) nylon fluid hose; 1/4 npsm(f) air hose with ground wire
		and left-hand thread; 25 ft (7.6 m); for 233746, 233747
77	100058	SCREW, cap, hex hd; 4 1/4–20 x 1.5 in. (38 mm)
79	102040	NUT, lock; nylon insert; 1/4–20 4 309304 17

Wall Mount Packages

Model 233487 Aluminum pump, no gun Model 234917 Aluminum Pump, compliant gun Model 233488 Stainless steel pump, no gun Model 234918 Stainless steel pump, compliant gun Model 233489 Aluminum pump, air spray gun Model 233748 Aluminum pump, PRO Xs2 electro-Model 233490 Stainless steel pump, air spray gun static gun Model 233491 Aluminum pump, HVLP gun Model 233749 Aluminum pump, PRO Xs3 electro-Model 233492 Stainless steel pump, HVLP gun static gun Items 56-59 are used on Models 58 /1 1233491, 233492, 233748, and 233749 only. Order suction kits separately. 57 2 See page 9. 15 59 æ 16 Δ 56 <u>/1</u> Δ 11 0 31 Gù 12 (Ref) 0 22 22 8 0 47 3 48⁄2 12 39 2 11 7 55 9 Å 9 ø 32 Ð 30 60 6 5 32 30

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Wall Mount Packages

Model 233487	Aluminum pump, no gun	
Model 233488	Stainless steel pump, no gun	
Model 233489	Aluminum pump, air spray gun	
Model 233490	Stainless steel pump, air spray gun	
Model 233491	Aluminum pump, HVLP gun	
Model 233492	Stainless steel pump, HVLP gun	

Ref. No.	Part No.	Description	Qty.	R N
1	233500	PUMP, diaphragm; aluminum; for 233487, 233489, 233491, 2337 233749	1 748,	5
	233501	PUMP, diaphragm; sst; for 233488, 233490, 233492	1	
2	238909	GROUND WIRE & CLAMP ASSY	1	
3	116311	SCREW, cap, hex hd; 5/16 unc x 5.5 in. (140 mm)	2	
4	197126	BRACKET, control	1	
5	116473	VALVE, air, bleed-type; 1/4 npt(fbe)	1	
6	116393	ADAPTER; 1/4 npt (m x f)	2	
7	115219	TEE; 1/4 npt(m)	1	
8	116514	NUT, regulator	2	
9	116513	REGULATOR, air	2	
10	162453	NIPPLE; 1/4 npsm x 1/4 npt	1	-
11	115948	ELBOW; 1/4 npt(m) x	2	5
10	hund beelly	0.312 in. (8 mm) OD tubing TUBE; polyethylene;		
12	buy locally		0.5 ft	
14	114363	VALVE, ball, fluid; sst; 3/8 npt(fbe)	1	
15	116314	ELBOW; 3/8 npt(m) x	1	5
10	110014	0.25 in. (6 mm) OD tubing	•	
16	buy locally	TUBE; polyethylene;		
		0.25 in. (6 mm) OD	6.3 ft	
22	197449	SPACER	4	
30	108190	GAUGE, pressure, air	2	
31	197426	BRACKET, wall mount	1	_
32	191892	FITTING, elbow, street; 90°	2	5
39	104034	WASHER; 5/16 size	2	
45	113786	TEE; cst; 3/8 npt(m); for 233487, 233489, 233491, 23374 233749	1 48,	5
	116400	TEE; sst; 3/8 npt(m); <i>for 233488, 233490, 233492</i>	1	6
47	116350	BUSHING; sst; 3/4 npt(m) x 3/8 npt((f) 1	
48	162485	NIPPLE; cst; 3/8 npsm x 3/8 npt;	1	
10	102 100	for 233487, 233489, 233491, 23374 233479	-	
	112100	NIPPLE; sst; 9/16–18 x 3/8 npt; for 233488, 233490, 233492	1	

Model 234917	Aluminum Pump, compliant gun	
Model 234918	Stainless steel pump, compliant gun	
Model 233748 static gun	Aluminum pump, PRO Xs2 electro-	

Model 233749 Aluminum pump, PRO Xs3 electrostatic gun

Ref. ٧o. Part No. Description Qty. 5 234638 GUN, Delta air spray; 1 for 233489, 233490; see manual 310692 234649 GUN, Delta HVLP spray; 1 for 233491, 233492; see manual 310692 234695 GUN, Delta Compliant spray; 1 for 234917, 234918; see manual 310692 244399 GUN, PRO Xs2 electrostatic; 1 for 233748; see manuals 309291 and 309294 244400 GUN, PRO Xs3 electrostatic; 1 for 233749; see manuals 309292 and 309294 6 116395 ELBOW; cst; 1/4 npt(m) x 3/8 npt(f) 1 swivel; for 233491, 233748, 233749 207123 ELBOW; sst; 3/8 npt(m) x 1 3/8 npsm(f) swivel; for 233492 57 241976 REGULATOR, fluid; acetal; 1 0-30 psi (0-0.2 MPa, 0-2 bar) range; includes gauge; for 233491, 233748, 233749; see manual 308325 214895 REGULATOR, fluid; sst 1 0-100 psi (0-0.6 MPa, 0-7 bar) range; for 233492; see manual 307212 8 187874 GAUGE, pressure, fluid; sst; 1 for 233492 9 165198 NIPPLE; cst; 1/4 npt x 3/8 npt; 1 for 233491, 233748, 233749 171195 NIPPLE; sst; 3/8 npsm x 3/8 npt; 1 for 233492 0 233498 HOSE ASSY; cst fittings; 1 3/8 npsm(f) nylon fluid hose; 1/4 npsm(f) air hose; 25 ft (7.6 m); for 233489, 233491 233499 HOSE ASSY; sst fittings; 1 3/8 npsm(f) nylon fluid hose; 1/4 npsm(f) air hose; 25 ft (7.6 m); for 233490, 233492 240425 HOSE ASSY, electrostatic; 1 3/8 npsm(f) nylon fluid hose; 1/4 npsm(f) air hose with ground wire and left-hand thread; 25 ft (7.6 m);

for 233748, 233749

Technical Data

Category	Data
Maximum fluid working pressure	100 psi (0.7 MPa, 7 bar)
Maximum incoming air pressure	100 psi (0.7 MPa, 7 bar)
Maximum operating temperature	120° F (49° C)
Wetted Parts:	
Pump	See pump instruction manual 309303.
Gun	See gun instruction manuals 310692, 309291, 309292, or 309294.
Fluid pressure regulator	See regulator instruction manuals 307212 or 308325.
Fluid hoses, aluminum packages	nylon, nickel-plated carbon steel (cst), LDPE/rubber blend (suction hose), aluminum
Fluid hoses, stainless steel packages	nylon, stainless steel (sst), LDPE/rubber blend (suction hose)
Fluid hoses, electrostatic packages	nylon, nickel-chrome plated carbon steel (cst), LDPE/rubber blend (suction hose)
Fluid fittings, aluminum packages	Zinc-plated carbon steel (cst), stainless steel (sst), polypropylene, polyethylene
Fluid fittings, stainless steel packages	Stainless steel (sst), polypropylene, polyethylene
Pail cover, aluminum packages	Zinc-plated carbon steel (cst)
Pail cover, stainless steel packages	Stainless steel (sst)
Weight (without hoses or gun):	
Pail mount packages	Aluminum: 22 lb (10 kg)
	Stainless Steel: 28 lb (12.7 kg)
Stand mount packages	Aluminum: 20 lb (9.1 kg)
	Stainless Steel: 27 lb (12.3 kg)
Cart mount packages	Aluminum: 30 lb (13.6 kg)
	Stainless Steel: 36 lb (16.4 kg)
Wall mount packages	Aluminum: 19 lb (8.6 kg)
	Stainless Steel: 24 lb (10.9 kg)

Sound Pressure Levels in dB(A)* (measured at 1 m from unit)

Input Air Pressures	Sound Pressure
Pump: 20 psi (0.14 MPa, 1.4 bar), Fluid Regulator: 5 psi (0.035 MPa, 0.35 bar)	64.7
Pump: 40 psi (0.28 MPa, 2.8 bar), Fluid Regulator: 15 psi (0.105 MPa, 1.05 bar)	68.5
Pump: 40 psi (0.28 MPa, 2.8 bar), No Fluid Regulator	69.1
Pump: 40 psi (0.28 MPa, 2.8 bar), Circulation Mode	69.2
Pump: 60 psi (0.42 MPa, 4.2 bar), No Fluid Regulator	72.1

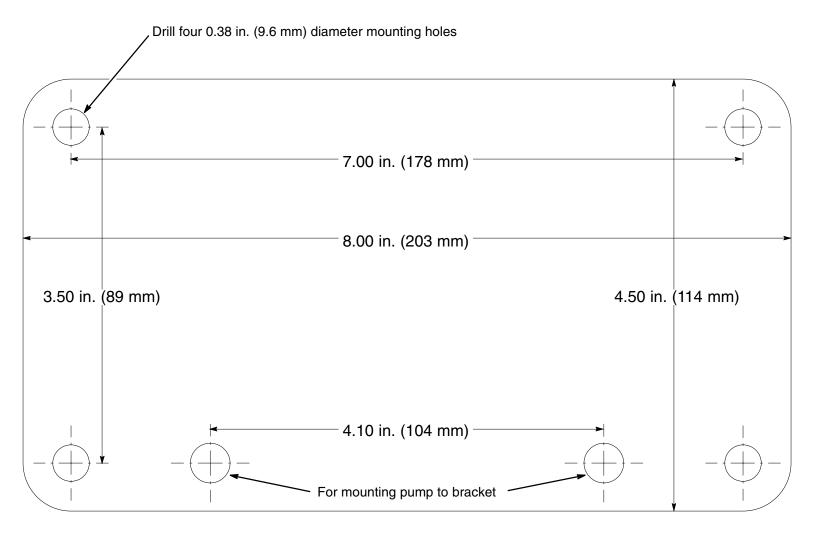
Sound Power Levels in dB(A)* (tested in accordance with ISO 3744)

Input Air Pressures	Sound Power	
Pump: 20 psi (0.14 MPa, 1.4 bar), Fluid Regulator: 5 psi (0.035 MPa, 0.35 bar)	76.3	
Pump: 40 psi (0.28 MPa, 2.8 bar), Fluid Regulator: 15 psi (0.105 MPa, 1.05 bar)	80.1	
Pump: 40 psi (0.28 MPa, 2.8 bar), No Fluid Regulator	80.8	
Pump: 40 psi (0.28 MPa, 2.8 bar), Circulation Mode	80.8	
Pump: 60 psi (0.42 MPa, 4.2 bar), No Fluid Regulator	83.7	

* Sound readings are for bare packages only. Refer to the separate gun manual for gun sound data.

Wall Mounting Template

Use this drawing as a template to drill mounting holes in the wall. Verify that the dimensions are exact and the hole locations are level before drilling the holes.



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