



THE PNEUMATIC ADHESIVE TANK (P.A.T.)

INSTRUCTIONS

**This tank is intended for use with water-based adhesives only!
Do not put solvent based adhesives in this tank!**

Pressurizing the tank

1. Be sure all connections are secure. Check to see that the tank lid (part #8) is locked in position and the safety relief valve is closed (down position).
2. Turn gauge control (part #3) fully counter clockwise to the closed position.
3. Open the on-off air valve (part #2).
4. Turn the gauge control slowly clockwise. Pressurize to normal operating pressure which will vary depending on your application. Never operate the tank above 90 psi.

Depressurizing the tank

1. Turn the gauge control fully counter clockwise to the closed position.
2. Close the on-off air valve.
3. Open the safety relief valve on the tank (up position) reducing the pressure in the tank to zero. You will not be able to remove the tank lid until the pressure is zero.

Maintenance

1. If you are using an extrusion glue head or the SKID-LOCK SPRAY HEAD, remove the head from the applicator at the end of the day. Place it in a cup of water. Place the female cap plug with coupler (part #25) onto the male nipple (part #21). The system is now fully closed, and there is no need for further maintenance. During lunch hour or long work stoppages, we recommend that you wrap the glue head in a damp towel.
2. If you are using the P.A.T. with PISTOL GRIP SPRAYER apply some petroleum jelly to the tip at the end of the day. If the glue tip becomes clogged remove and clean with water. Do not lose any of the parts at the tip.
3. If you are using the P.A.T. SPRAYER (with the air atomizing gun) apply some petroleum jelly to the tip at the end of the day. If the glue tip becomes clogged remove and clean with water. Do not lose any of the parts at the tip.
4. We recommend that you clean and flush the system on a monthly basis.

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Helpful hints for using the P.A.T.

1. The natural tendency with this applicator is
 - A. Press the trigger mechanism
 - B. Begin moving your hand to apply the adhesive
 - C. Stop at the end of the item you are gluing
 - D. Then release the trigger mechanism.

THIS IS WRONG! You will end up with a pool of adhesive at the beginning and the end of the procedure. The correct way to use the P.A.T. is:

 - A. Be sure that your hand is moving in the direction you want to apply the product.
 - B. Press the trigger mechanism.
 - C. Release the trigger mechanism when you want to stop applying product.
 - D. Your hand must still be moving before you release the trigger mechanism.
2. Do not tamper with the fittings when the tank is pressurized!

Using the P.A.T. when not directly connected to an air supply

1. Fill the tank no more than half full with adhesive. Charge it to a pressure which is higher than you need to properly apply the adhesive. If the pressure drops too low for proper application before the tank is empty, try increasing the initial filling pressure. *Do not exceed 90 psi!*
2. If the glue flow is too fast when the tank is initially pressurized it may be necessary to add a Glue Control Needle Valve (part #26). This valve can be used to reduce the hydraulic pressure when the initial tank pressure is high. As the tank pressure decreases you can open the needle valve to allow more product to be applied. This valve is not needed on the PISTOL GRIP SPRAYER nor the P.A.T. SPRAYER.
3. If in doubt, contact the Gluefast Company.

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P.A.T. (Pneumatic Adhesive Tank) PARTS LIST

<u>PART NO.</u>	<u>DESCRIPTION</u>
1	H2C Nipple - Quick Disconnect - .25"
2	On / Off Valve - Air - .25"
3	Regulator / Gauge Assembly
3A	Gauge Only
3B	Regulator (Only)
4	Air Side Stainless Steel Socket (White Band)
4A	Socket Fitting
5	Air Inlet Tube
6	"O" Ring
7-3T	3-Gallon Stainless Steel Tank (Part #4A-11A)
7-5T	5-Gallon Stainless Steel Tank "
7-10T	10-Gallon Stainless Steel Tank "
7-3NH	3-Gallon Stainless Steel Tank (Part #1-12)
7-5NH	5-Gallon Stainless Steel Tank "
7-10NH	10-Gallon Stainless Steel Tank "
8	Closure with Safety Valve & Gasket
8A	Gasket (Only)
8B	Closure Foot
9	Safety Relief Valve - NOT SOLD SEPARATELY
10-3	Liquid Tube for 3 Gallon Tank
10-5	Liquid Tube for 5 Gallon Tank
10-10	Liquid Tube for 10 Gallon Tank
11	Liquid Side Stainless Steel Socket (Black Band)
11A	Socket Fitting
12	Female Elbow - .25"
13	Coiled Hose (25 feet) with Fittings
14	"T" Connection for two Hoses - .25"
18	Glue Handle, 6" Length, Ported .25" & .125"
19	Short Nipple - .125"
20-1	Manual Glue Valve with Plastic Toggle Handle
20-2	Aluminum Toggle Thumb Handle
20-3	Plastic Toggle Thumb Handle
20-4	Viton A O-Ring
20-5	Valve Spring
21	Male Nipple - Quick Disconnect - .125"
22	Quick Disconnect Coupler - .125"
23-1	1 Inch Wide Glue Head (3 Orifices)
23-BR	1 Inch Wide Glue Brush
23-2	2 Inch Wide Glue Head (7 Orifices)
23-3	3 Inch Wide Glue Head (11 Orifices)
23-6	6 Inch Wide Glue Head (23 Orifices)
23-8	8 Inch Wide Glue Head (31 Orifices)
23-9501	Skid-Lock Spray Head
24	Steel Plug
25	Female Cap Plug with Coupler - .125"
26	Glue Control Needle Valve - .125"
AS	In-Line Adhesive Strainer
EGL	Extra Glue Line and Valve (Part #13-21)

