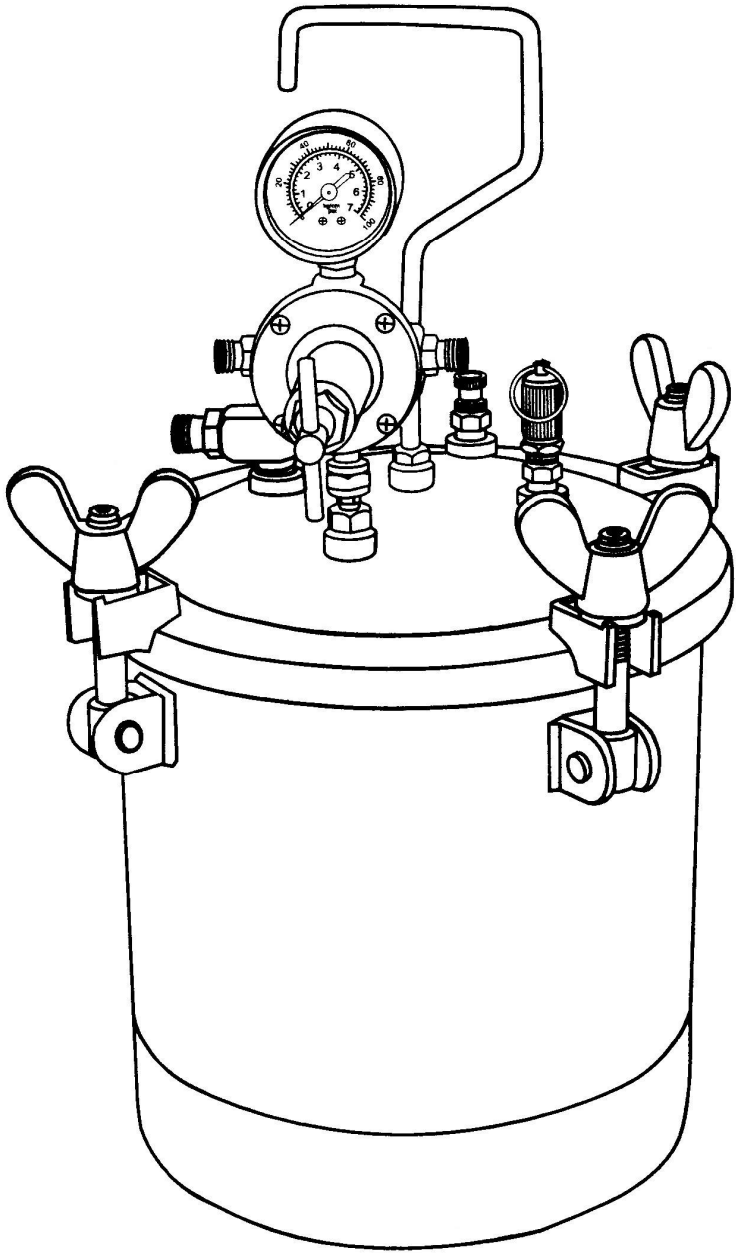
PT.10
Instruction Manual



This instruction manual contains important information about safety precautions, warnings, cautions and instructions for safe operation.
Before operation, be sure to read this instruction manual thoroughly so that you can use our product safely and effectively for a long time.
Keep this booklet in an appropriate place for immediate reference.

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DESCRIPTION

This 10 litre pressure tank provides pressurized material. This tank is equipped with an air regulator, gauge, safety valve, release valve and fluid outlet.
This tank can be used for delivery of material other than paint.
It is not designed for use with highly abrasive, corrosive or rust inducing materials.
It is recommended that a liner be used in conjunction with this pressure pot. The use of a liner will aid in the sealing of the pressure pot and will also reduce both the solvent and the time required for cleaning.

INSTALLATION

Follow the manufacturers recommendations for the mixing preparation of the material. Strain the material using a fine mesh screen in order to prevent the entry of foreign matter and clogging of the passageways.

1. Always relieve all air pressure in the tank by loosening air release valve Part 11, until no air pressure remains in the container—the gauge will read '0".
2. Loosen thumb screws, tip lid clamps backwards and remove lid assembly.
3. Pour material into the tank.
4. Replace lid assembly and clamps then tighten thumb screws securely.
5. It is best for the air supply line to pass through a filter element to remove any dirt, water and oil. Ensure air supply is turned off and then connect the air supply line to the air inlet fitting on the regulator.
6. Attach the atomizing air hose to the air outlet on the tank regulator. This is directly opposite the air inlet fitting.
7. Connect the material hose to the fluid outlet fitting.

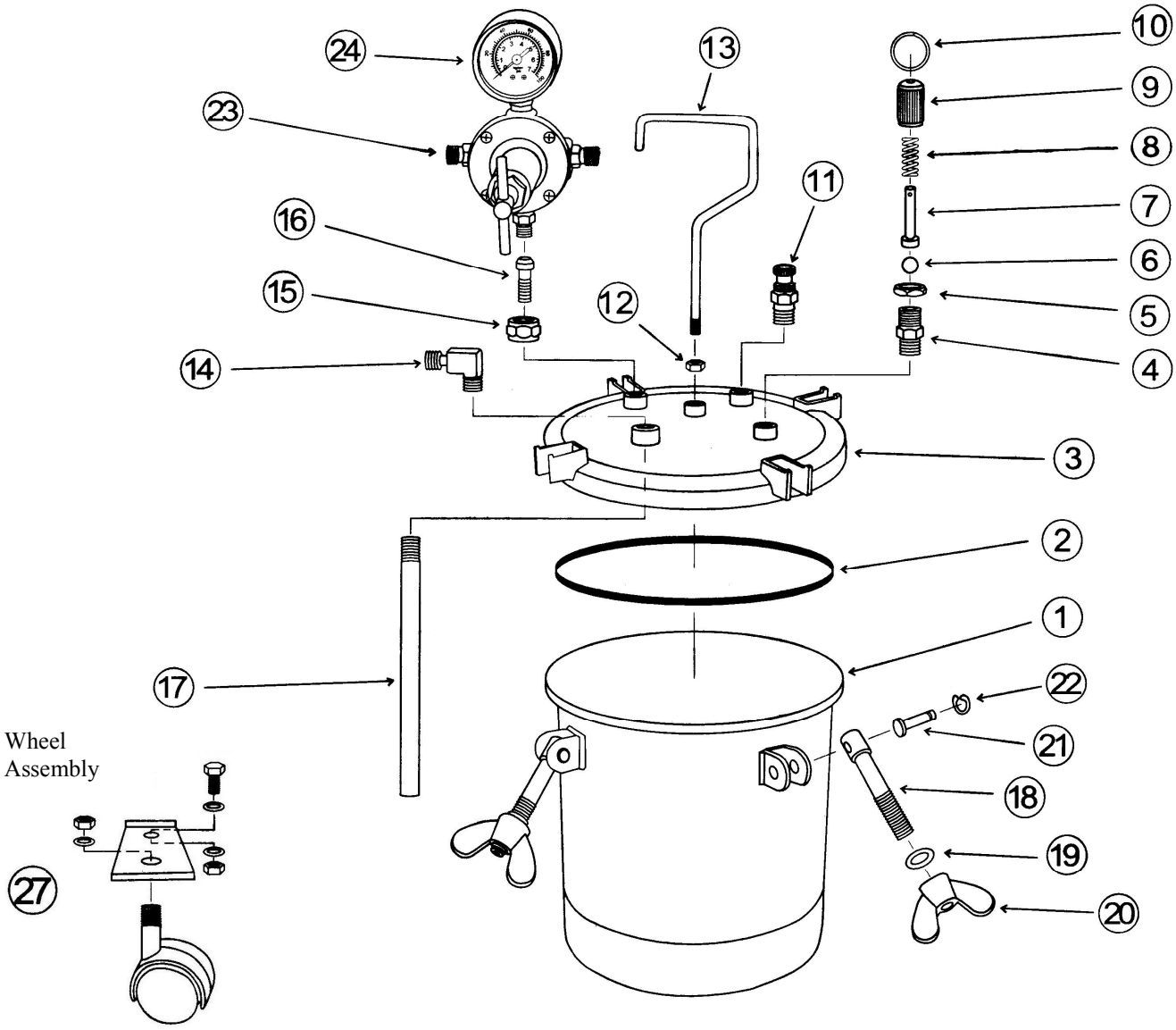
OPERATION

1. Turn on the air supply and adjust air pressure to approximately 40 psi.
2. Turn the handle adjusting screw clockwise on the air regulator to increase material pressure.
   NOTE: IT IS RECOMMENDED THAT MATERIAL PRESSURE BE KEPT AS LOW AS POSSIBLE - NORMAL OPERATING PRESSURE SHOULD NOT EXCEED APPROX 15 PSI.
3. **WARNING - Air pressure loads higher than design loads, or alterations to the pressure tank can result in tank rupture or explosion. Do not make any changes to the pressure tank. Do not weld, drill or otherwise tamper with the pressure tank.**
4. A safety valve protects the tank from over pressurization. Prior to each use pull the ring on the safety valve to check it operates freely and relieves air pressure. If it does not operate freely or does not relieve air pressure it must be replaced. Do not discard or make adjustments to this valve. ***Ensure this valve is clean and free from paint at all times***
5. Atomization air for the spray gun should be adjusted with the use of an air adjusting valve attached to the air inlet of the spray gun.
6. Operate the spray gun according to the manufacturers recommendations..
7. To refill paint always relieve all air pressure in the tank by loosening air release valve Part 11, until no air pressure remains in the container.
8. Loosen thumb screws, tip lid clamps backwards and remove lid assembly.
9. Pour material into the tank.
10. Replace lid assembly and clamps then tighten thumb screws securely.

MAINTENANCE AND CLEANING

1. Turn off the air supply to the tank.
2. Relieve all air pressure in the tank by loosening air release valve until no air pressure remains.
3. Remove the lid from paint tank and empty remaining material.
4. Clean tank and parts which come into contact with paint with a suitable solvent.
5. Pour solvent into tank and replace lid.
6. Spray until clean solvent appears.
7. Repeat steps 3 and 4 as necessary.

PT.10 Parts Drawing



PT.10 Parts Listing

Item	Part Number	Description	Qty
01	PT.10.01	Tank	1
02	PT.10.02	Lid Gasket	1
03	PT.10.03	Lid Assembly	1
04	PT.10.410 Includes Items 4 - 10	Adapter	1
05		Nut	1
06		Stainless Steel Ball	1
07		Needle Rod	1
08		Spring	1
09		Safety Valve Shell	1
10		Ring	1
11	PT.10.11	Air Release Valve	1
12	PT.10.12	Nut	1
13	PT.10.13	Handle	1
14	PT.10.14	Elbow	1

Item	Part Number	Description	Qty
15	PT.10.15	Nut	1
16	N / A	Adapter	1
17	PT.10.17	Fluid Tube	1
18	PT.10.18	Swing Bolt	4
19	PT.10.19	Washer	4
20	PT.10.20	Thumb Nut	4
21	PT.10.21	Cotter Pin	4
22	PT.10.22	C Snap Ring	4
23	PT.10.23	Pressure Regulator	1
24	PT.10.24	Pressure Gauge	1
25	PT.10.R	2nd Pressure Regulator (not shown)	
26	PT.10.L	Polyethylene Liner (not shown)	1
27	PT.10.W	Wheel assembly Set x 4	4

TROUBLE SHOOTING CHART

Problem	Cause	Remedy
Air escaping from port on regulator cap.	Broken or damaged diaphragm.	Replace diaphragm.
Pressure leakage registered on gauge.	Dirty or worn valve seat in regulator.	Clean or replace valve seat.
Material tends to settle out rapidly.	Not enough agitation of material.	Increase agitation.
Fluid or air leak at lid gasket.	Defective lid gasket or Thumb screw not tight	Replace or Tighten

Note: Check gauge occasionally. The position of the needle should return to zero with no pressure on the gauge.

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