

OPERATING MANUAL

ITEM NO.: SS-1180

2-1/4 GALLONS PAINT TANK WITH SPRAY GUN & HOSE

Description

Read Instructions Carefully before using

2-1/4" gallon pressure tank provides pressurized material up to a maximum of 80psi. This tank is equipped with an air regulator, gauge, safety valve, and fluid outlet. It is constructed of only the finest materials for durability. The 2-1/4" gallon capacity enables you to handle most any job with professional results. This versatile tank can also spray materials other than paint.

Caution

This pressure tank is not designed for highly abrasive, corrosive, or rest inducing materials. If used with such materials, frequent and thorough cleaning is advised to reduce the necessity for replacement of parts.

Warning

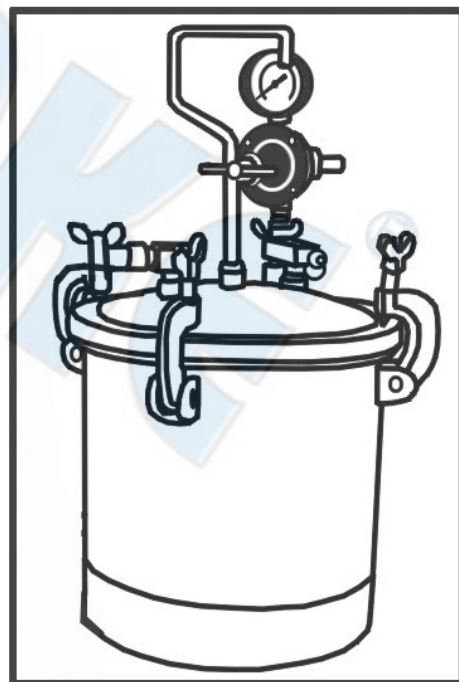
Air pressure loads that are higher than design loads, or alterations to the pressure feed tank can result in tank rupture or explosion.

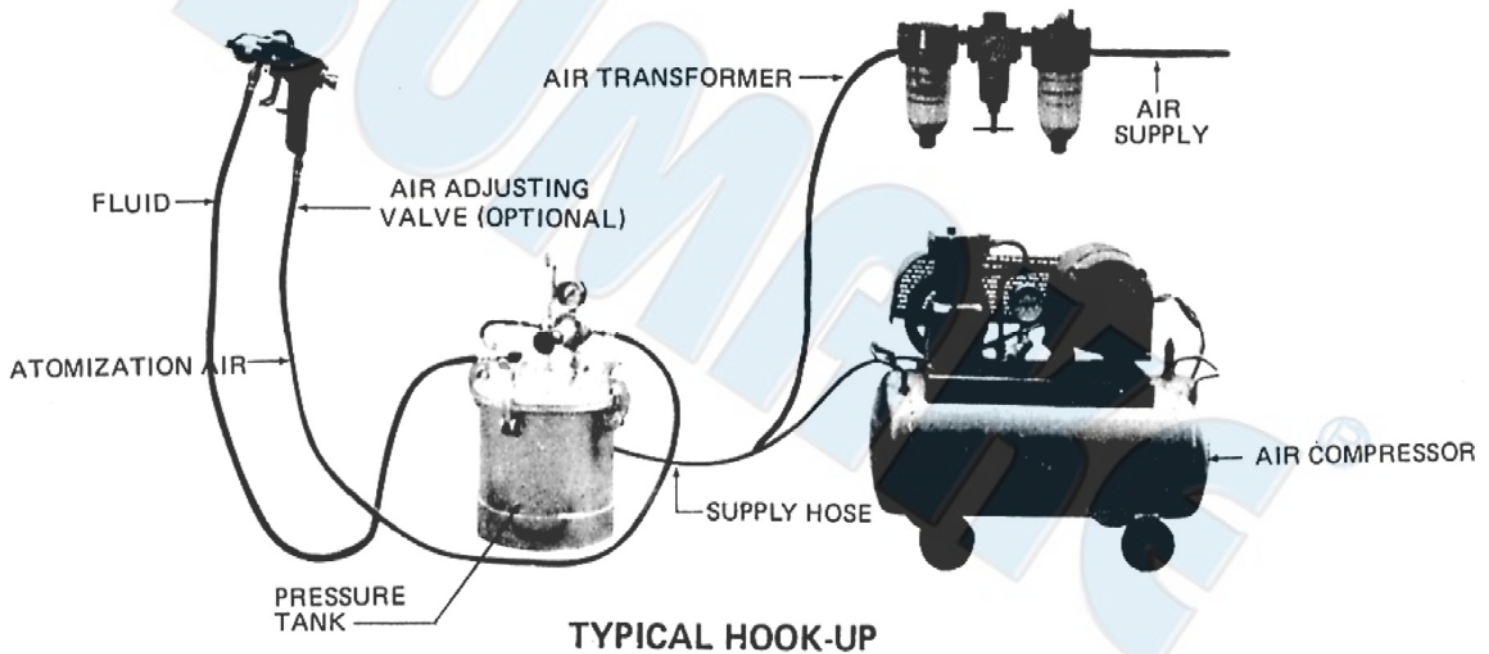
- A safety valve protects the tank for over pressurization. During each use, pull the ring on the safety valve to check if it operates freely and relieves air pressure. If the valve is stuck, does not operate freely, or does not relieve air pressure, it must be replaced. Do not discard or make any alterations or substitutions to this valve.
- Do not make any changes to the air tank. Tampering in the form of drilling, welding etc... will weaken the tank.
- The maximum operating pressure of the tank is 80psi.

Installation

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

1. Always relieve all air pressure in the tank. Pull the ring on safety valve until pressure bleeds down
2. Loosen thumb screws, tip lid clamps back and remove lid assembly.
3. Pour material into the tank.
4. Replace the lid assembly and tighten clamps and thumb screws securely.
5. It is best for the air supply line to pass through a trans-former to filter dirt from air and remove entrained water and oil. Connect the air supply hose to the air inlet fitting on tank regulator.
6. Attach the atomization air hose to the air outlet fitting which is directly opposite air inlet fitting.
7. Connect material hose to the fluid outlet fitting.
8. Refer to figure below for a typical assembly.





MAINTENANCE: CLEANING EQUIPMENT

1. Turn off the main air supply to the tank.
2. Relieve all pressure from the tank by pulling the ring on safety valve until the pressure bleeds down
3. Turn T-handle adjusting screw on tank regulator counterclockwise until no spring tension is felt.
4. Loosen thumb screws, tip clamps back and tip tank lid to on side.
5. Loosen spray gun air cap retaining ring about three turns.
6. Turn on the air supply.
7. Cup cloth over air cap on the gun and pull trigger. This will force material back through the hose, into the tank.
8. Empty and clean tank and parts which come in contact with material. Use a suitable solvent.
9. Pour solvent into the tank.
10. Replace lid and tighten thumb screws and clamps.
11. Spray until clean solvent appears.
12. Repeat steps 4-7

Note: keep the safety valve clean at all time.

Trouble shooting chart

Problem	Cause	Remedy
Air escaping from port on regulator cap.	Broken or damaged diaphragm.	Replace diaphragm.
Pressure creepage 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.

ACCESSORY ITEMS

Air regulator kit:

For use when independent and accurate pressure control of both air and fluid is necessary. Used with portable air compressors or with air lines when no other means. (air transformers or regulator) of air pressure regulator is available.

Air adjusting valve

Lets operator control and reduce air usage at the gun. Ideal for low pressure spraying.

Lid gasket-rubber.

For use when material being sprayed are not compatible with Thiokol gasket.

Intake strainer

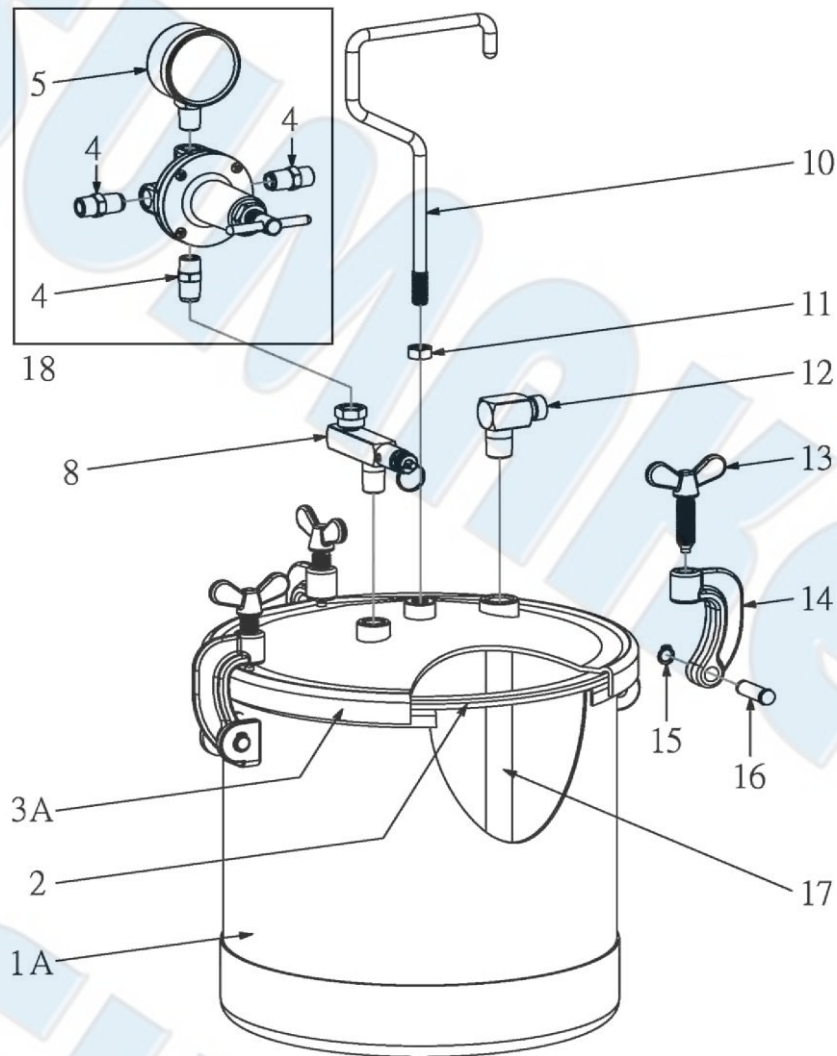
Connects to fluid inlet tube, prevents lumps and foreign matter from entering fluid lines.



SS-1180T

2-1/4 GALLON PAINT TANK

Paint Tank



PARTS LIST

No.	Parts No.	Description	Q'ty
1A	1180T-01A	Tank Shell Assembly (Teflon)	1
2	1180T-02	Lid Gasket	1
3A	1180T-03A	Lid Assembly (Teflon)	1
4	1180T-04	Adapter	3
5	1180T-05	Gauge	1
8	1180T-08	Swivel Adapter	1
10	1180T-10	Handle	1
11	1180T-11	Hex Nut	1
12	1180T-12	Street Elbow	1
13	1180T-13	Thumb Screw	4
14	1180T-14	Yoke Assembly	4
15	1180T-15	Cotter Pin	4
16	1180T-16	Hinge Pin	4
17	1180T-17	Fluid Tube	1
18	1180T-18	Air Regulator W/Gauge & Adapter [Incl. 4(3), 5]	1