

Instructions:

MODEL PT-64 2-QUART PRESSURE CUP



Important Safety Instructions

Read all warnings and instructions in this manual. Save these instructions.

DESCRIPTION

The Model PT-64 2-quart pressure cup is designed to be used with any pressure feed manual spray gun where more than one quart of material is to be used. Pressure cups will provide a better degree of control over atomizing air and fluid pressure than siphon feed equipment. The Model PT-64 will enable you to spray a wider range of refinish materials and has a full 2-quart capacity when needed.

SPECIFICATIONS

Max. regulated cup pressure (fluid pressure)	30 psi
Max. air inlet pressure	160 psi
Relief valve release	40 psi
Weight (empty)	3 lbs 3 oz

Hose connections:

Air 1/4 in. NPS (M)
Fluid 1/4 in. NPS (M)

Regulator Assembly: Controls pressure of material in cup 0-30 psi.

Pressure Release Valve: Manual operation, allows air pressure to bleed from cup.



**MODEL PT-64
2-QUART PRESSURE
CUP**

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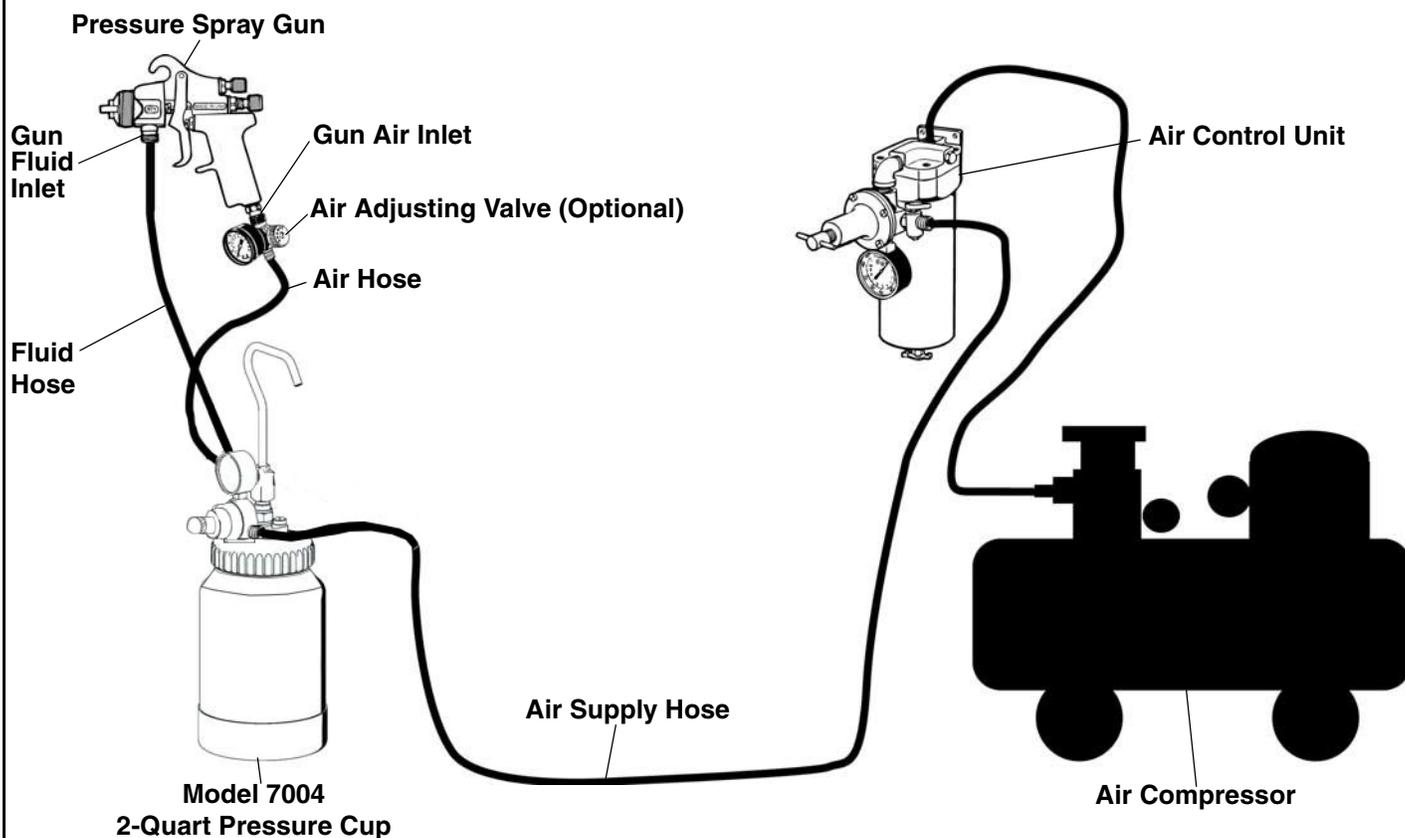


- Air pressure in the cup never to exceed 30 PSI.
- Never tamper with the relief valve. The relief valve limits the maximum air pressure entering the cup. If the relief valve does not work properly, over-pressurization may occur and cause the cup to rupture or explode.
- Always disconnect cup assembly from air supply and release pressure in cup (open release valve counter-clockwise) before installing or removing the canister from the lid assembly.

SET-UP FOR SPRAYING

1. Connect air hose to air inlet of gun and to air outlet on cup regulator as shown.
2. Connect fluid hose to fluid inlet of gun and to cup fluid outlet as shown.
3. Connect handle to top of cup as shown.
4. It is best for the air supply line to pass through a Air Control Unit to filter dirt from the air and extract water and oil. Connect the air supply hose to the air inlet fitting on cup regulator.

Note: 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 fluid passageways.

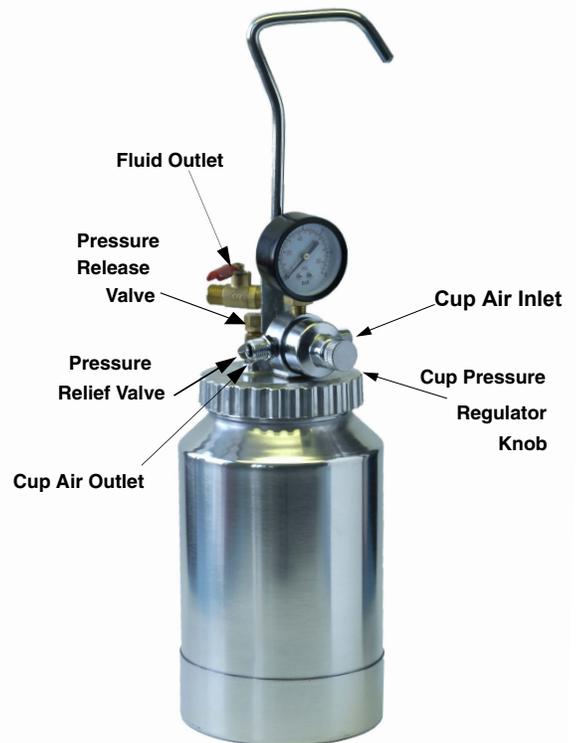


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OPERATION

1. Pull out regulator knob and turn fully counter-clockwise. Open release valve on cup lid (counter-clockwise).
2. Open lid and fill cup with desired sprayable material.
3. Close lid and seal by turning clockwise hand-tight.
4. Close release valve on cup lid hand-tight turning clockwise.
5. Set wall-mounted regulator (not supplied) to desired PSI (this is your atomizing air).
6. Slowly turn the cup regulator knob clockwise while pulling the gun trigger fully back to commence material flow. Continue clockwise until desired material flow is achieved. Push in regulator knob to lock. **Maximum cup pressure is 30 PSI.**
7. To decrease paint flow, pull out regulator knob and turn counter-clockwise to lower cup pressure. Open the release valve to bleed off excess pressure. Reseal release valve. Repeat step 6. The cup lid has a check valve that prevents the cup from losing pressure until the release valve is opened.
8. Atomizing air for the spray gun can be adjusted at the gun by means of an air adjusting valve on the spray gun.

Note: To achieve desired cup pressure you must always start at a lower pressure and adjust up to the desired setting.



MAINTENANCE

Cleaning your cup.

1. After relieving cup pressure and turning cup pressure regulator to the full "off" position (counter-clockwise), open cup lid by turning counter-clockwise.
2. Pour out any remaining material and add a compatible solvent.
3. Repeat steps 3, 4, and 6 in **OPERATION** section above and spray until clean solvent appears. Cup and gun material passages should be clean now.
4. Depressurize cup (**OPERATION** step 1) and empty remaining solvent from cup and wipe clean with a solvent soaked cloth.

NOTICE

Never clean your Model PT-64 in a gun washer. The safety valve, regulator body and gauge will be damaged by use in a gun washer. The canister only can be cleaned in a gun washer.



Paint can erupt from the cup due to rapid depressurization. Never open the cup prior to turning cup pressure regulator knob to the full "off" position (counter-clockwise) and relieving cup pressure by opening (counter-clockwise) release valve.

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TROUBLE SHOOTING

CONDITION	CAUSE	CORRECTION
Excess pressure in cup.	Leak at regulator valve assy. Gauge registering wrong. Relief valve setting too high. Valve spring broken or distorted. Diaphragm damaged.	Replace. Replace. Replace. Replace. Replace.
Insufficient pressure in cup.	Check valve stuck shut. Relief valve setting too low. Gauge registering incorrectly. Leak at cup lid threads. Pressure release valve partially open.	Clean or Replace. Replace. Replace. Tighten cup or replace gasket. Tighten.

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