

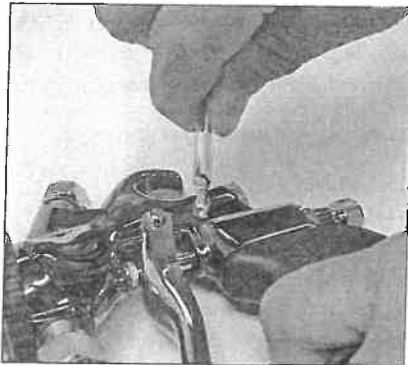
3.6.4 Using Your 7500 AtomiZer With A Pressure Pot

Using a pressure pot with your 7500 AtomiZer spray gun is very easy. All you need is any size pressure pot, a fluid hose, a 3/8" diameter air hose and any air compressor 3hp with a 20 gal (75 liter) air tank or larger. We recommend a pressure pot with two regulators. One to regulate air pressure to the spray gun and a second to regulate air pressure to the pressure pot.

The basic 7500C AtomiZer spray gun is ready to set up for production use with your pressure pot.

If you are converting your 7500 AtomiZer from a cup gun to production, follow these steps first. If not, skip to step one of Section 3.7 for preparation:

1. Disconnect the air feed tube from the side of the spray gun.
2. Remove the air feed connector (#22, page 33) and reinstall the blanking screw.



3. If you were using a gravity cup, move the blanking cap from the bottom connector to the top.

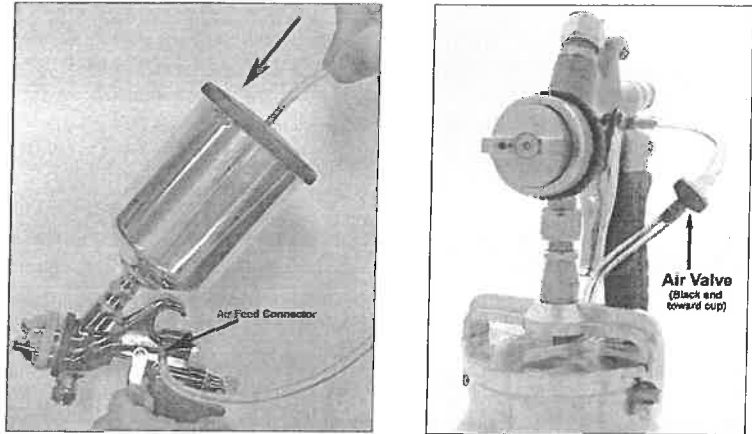
NOTE: Make sure that the top material connector (#30, page 33) has been capped with the material blanking cap (#11, page 33).

NOTICE

Do not attempt to remove part# 29 or 30, page 33. Spray gun may leak internally.



4. Connect one end of the air hose to the air feed connector (#22, page 33) and the other end to the brass nipple in the top of the cup lid. Be sure that the black half of the valve is facing toward the cup.

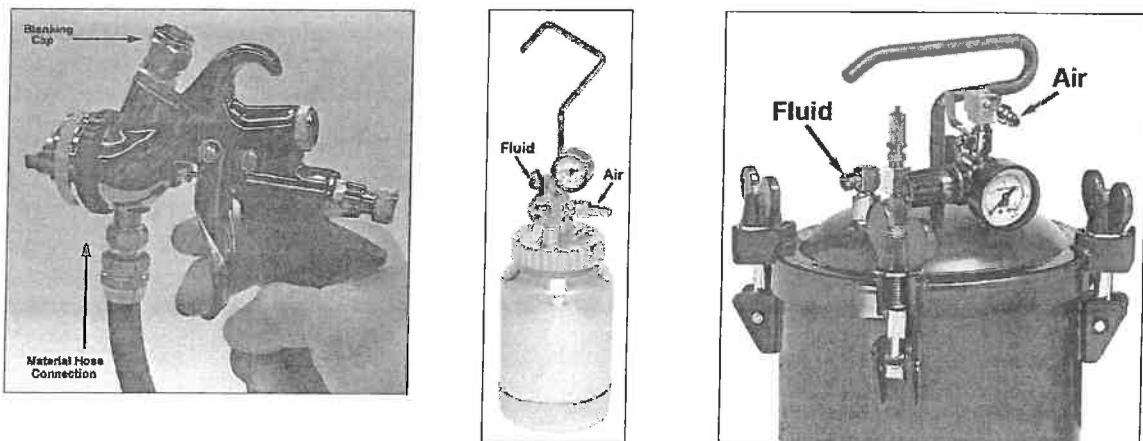


3.5 Assembly Of Your Pressure Pot System

There are many advantages to using pressure pots with a turbine system. Apollo Sprayers have made this very easy with our fluid feed systems, 4500 and 4550. By removing the paint cup from the spray gun you immediately reduce the overall weight of the spray gun by approximately 50%. You also get a smaller tool to hold in your hand thereby allowing you to more easily access the back of cabinets or other tight spaces where a standard cup gun would not fit. By using a pressure pot you are able to spray larger quantities of material without stopping to refill a smaller cup. This can save a lot of time on a long job where you are spraying the same material all the time.

Using a pressure pot with any size turbine system is very easy. All you need is any size pressure pot, a fluid hose and a small air compressor. When using a remote cup or pressure pot, it is necessary to introduce compressed air in order to pressurize the remote pot and move the fluid from the pot to the spray gun tip/nozzle. In general 5PSI (0.345 Bar) of air pressure is adequate to push most average viscosity fluids to the spray gun nozzle. Higher pressure would only be necessary for heavier viscosity fluids or if you are spraying up a ladder where the fluid has to travel more than 6 feet in elevation. To set up your 7500 Atomizer for use with a pressure pot, follow these instructions:

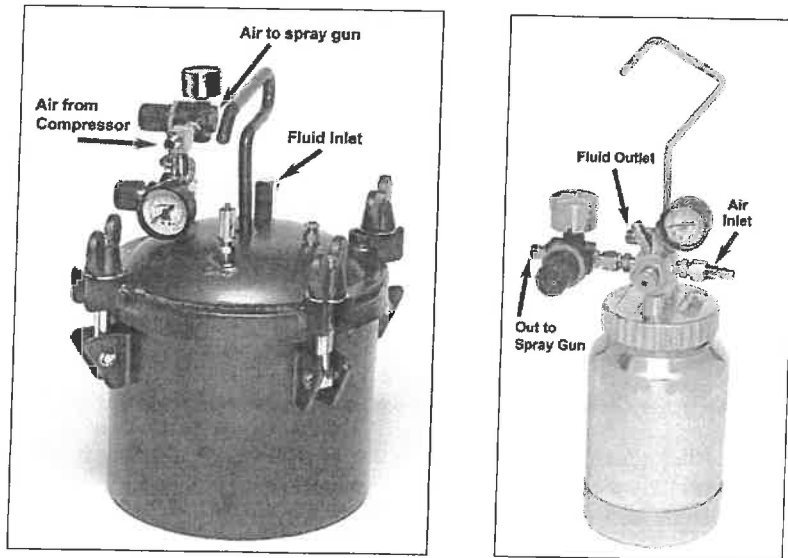
1. Connect the black fluid hose to the fluid outlet on the top of the pressure pot. Refer to your pressure pot instructions for the specific location of the fluid outlet.
2. Seal the threads with Teflon tape and tighten with a wrench (spanner) to assure no fluid leaks once you pressurize the pot.
3. Connect the air line from your compressor to the air inlet on the pressure pot. This should be a male quick connect adjacent to the regulator and gauge. If your quick connect is the same style as the one on the pot you can pull back the ring on the female end and insert into the male end, releasing the ring to fasten them together.
4. Connect the other end of the black fluid line to the material connector on the spray gun. (#29, page 33).



NOTE: Make sure that the top material connector (#30, page 33) has been capped with the material blanking cap (#11, page 33).

3.7 Preparation Of 7500 AtomiZer For Production Spraying

1. Apply a thread sealer or Teflon tape around the threads of the fluid connector (#29, page 33) on the spray gun.
2. Connect fluid hose to the fluid connector on the spray gun. Tighten firmly with a wrench (spanner).
3. Connect 3/8" air hose to handle coupler (#37, page 33) of the 7500 AtomiZer spray gun using a quick connect coupler.
4. Connect the fluid hose to the fluid outlet on the top of the pressure pot. Refer to your pressure pot instructions for the specific location of the fluid outlet. Seal the threads with thread sealer or Teflon tape and tighten with a wrench (spanner) to assure no fluid leaks once you pressurize the pot.



2.5 gallon (10 litre) deluxe pressure pot. 2 quart (2 litre) pressure pot.

5. Connect the 3/8" air line to the regulator air outlet on the pressure pot.
6. Connect the air line from your compressor to the air inlet on the pressure pot. This should be a male quick connect adjacent to the regulator and gauge. If your quick connect is the same style as the one on the pot you can pull back the ring on the female end and insert into the male end, releasing the ring to fasten them together.

It is necessary to test the air pressure in the pressure pot to make sure that it is appropriate for the viscosity of material being sprayed and the situation in which it is being sprayed. You don't want the material coming out too quickly so that you get runs and sags, but you also don't want it to come out too slowly so that you are spraying very slowly. To test the air pressure in the pressure pot follow these simple instructions:

1. **DO NOT** turn on the regulator to the spray gun.
2. Make sure your air hose and material hose are connected appropriately to the pressure pot.
3. Turn on your air compressor and wait until you have about 5PSI (0.345 Bar) in the pressure pot. Then, pull the trigger on the spray gun until a stream of fluid flows from the tip/nozzle. NOTE: This may take a few minutes depending on the length of your fluid hose.
4. Adjust the pressure on the pot regulator until the fluid drops off or bends at approximately 2-1/2 " (6.35cm).
5. Your pot air pressure should be correct at this point, however, if the stream bends too short then increase the air pressure. If the stream bends too far, then reduce the air pressure. If you need additional help, please feel free to call our technicians at 1-888-900-4857.

CAUTION

Depressurize pressure pot using safety valve when equipment will be idle for a while. This will prevent excess fluid from remaining in fluid hose, and prevent a possible accident if the trigger is pulled causing material to stream from the spray gun.

Always ensure that the remote pot is tightly sealed, and all gaskets are in good shape, to prevent air and fluid leaks. Be sure to flush and clean the fluid hose at the end of a work session. For smaller jobs, insert a one gallon can inside a 2.5 gallon (10 litre) pressure pot. This will help to keep the inside of the pot cleaner and reduce the time necessary for cleaning up when you are finished.