

450 High Pressure Airless Spraying Machine Manual



Warning

1. High pressure jet danger , Has great harm to personnel。 Never put your fingers or any part of your body on the nozzle.
2. Never point the spray gun at yourself, others or animals.
3. In case the skin is injured by sprayed paint or solvent , Please consult a doctor immediately for special treatment and inform the doctor of the paint or solvent used.

Safety regulations

1. Keep air in the spraying area fully circulated , In order to avoid accumulation of combustible gases.
2. Avoid any sources of ignition , Site must be equipped with a fire extinguisher readily available.
3. The precautions and operating procedures of paint and solvent manufacturers must be followed.
4. Remove the nozzle every time you rinse or clean the machine.
5. Do not use bleach or chlorine-containing paint.
6. If it is possible to inhale harmful gases , Please use a gas mask.
7. Please wear protective clothing as specified by the paint manufacturer.
8. If the spraying site is restricted by explosion-proof regulations , Do not use this sprayer.
9. Do not move when the machine is running.

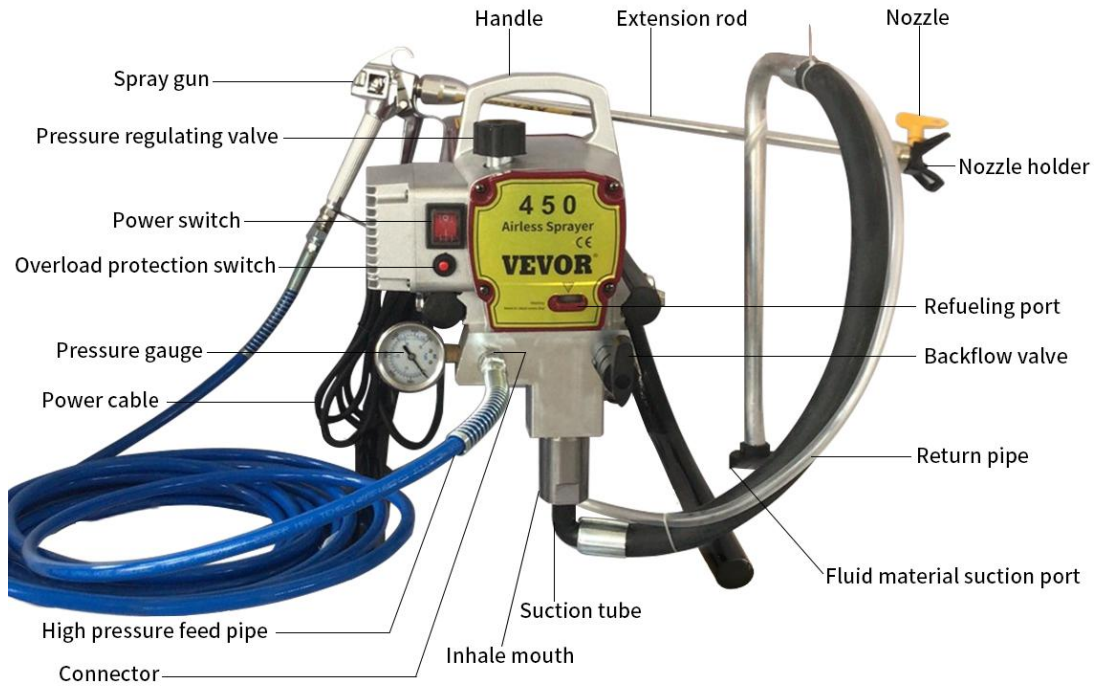
Before starting the machine, you must do the following :

1. The spray gun must be closed.
2. The defective parts must never be used again.
3. Check the maximum pressure allowed by the high-pressure pipe and spray gun.
4. Check each of the machine parts for leaks where.

If there is a stop during the work process, the following points must be done :

1. Return valve is opened to release the pressure tube and the lance.
2. Ensure the safety of the safety plug on the spray gun.
3. Turn off the machine power switch, unplug the plug.

Figure 1



Name of attachment

Name of attachment



Spray gun



Nozzle



Nozzle holder



Extension rod



High pressure feed pipe



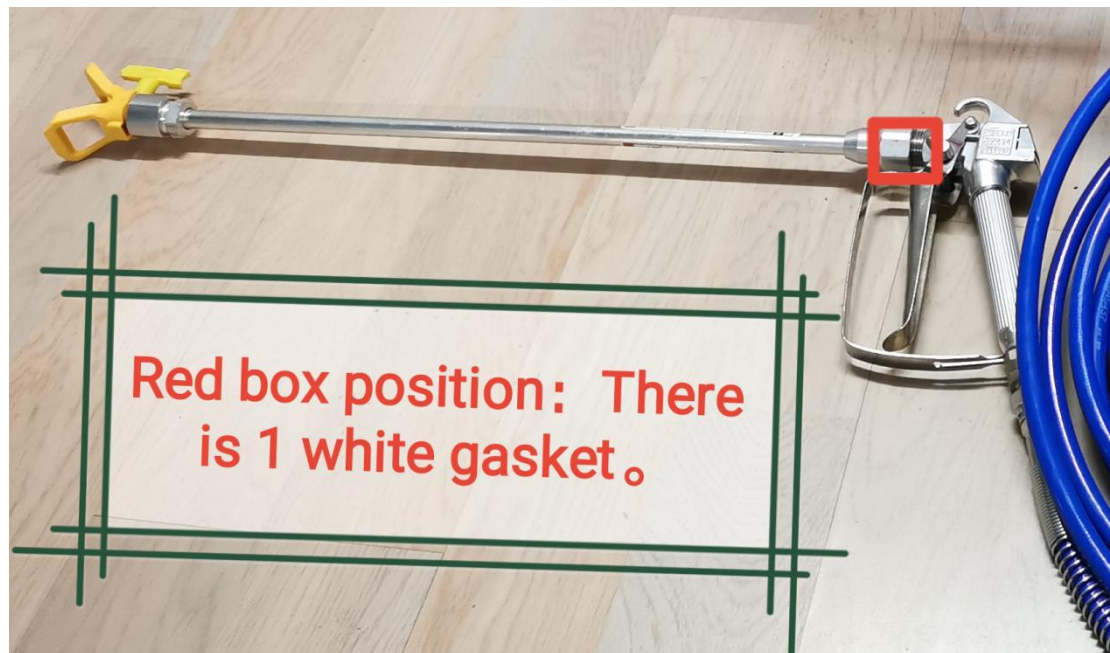
Suction tube



Return pipe

Installation and operation steps

1. As shown in Figure 1 : Install the high pressure pipe.
2. As shown in Figure 1: Install the spray gun.
3. As shown in the figure below: install the extension rod.



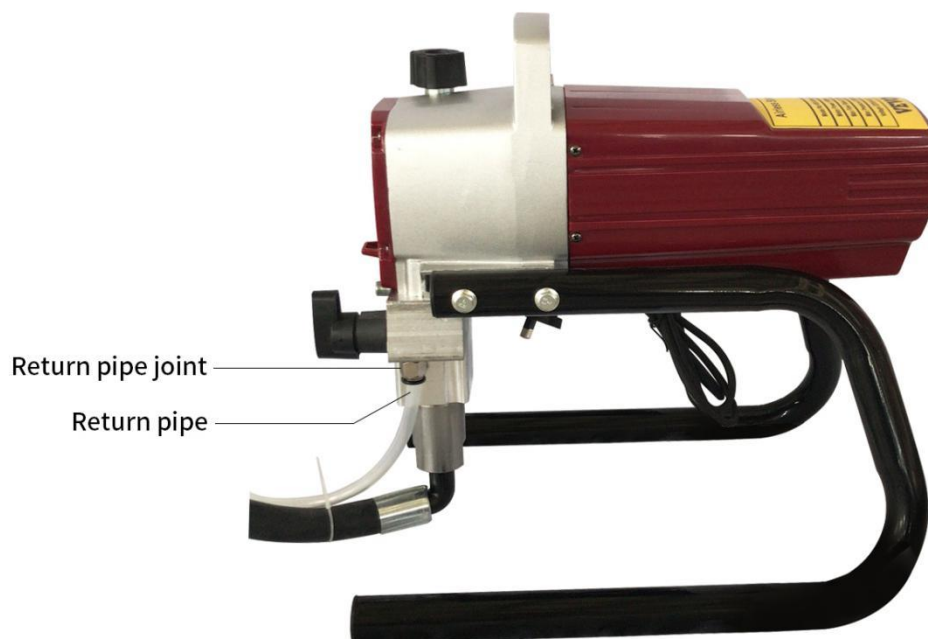
4. As shown in Figure 1: Install the nozzle holder.
5. As shown in the figure below: install nozzle gasket and nozzle.



6. As shown in the figure below: Install the suction tube



Figure 2



7. As shown in Figure 2: Install the return pipe.

8. Put the suction tube and the return tube into the container.

9. Turn on the power switch , Return valve is now in a state vertically upwards , The pressure regulating knob is at the maximum position at this time , Water will drain out of the return pipe.

10. Turn the return valve clockwise to horizontal , At this time the machine starts to pressurize , The pressure gauge pointer shows about 3000psi (at the same time , The motor stops working) 。
11. Trigger the spray gun to start spraying , At this time the motor starts to work , The pointer of the pressure gauge is kept at about 2000 psi。

Tips

1. **Pressure regulating valve** :Adjust the pressure regulator clockwise to pressurize the machine。
2. **Backflow valve** : Backflow valve vertically upward , The machine is in the backflow state (Release the pressure state) ; The backflow valve is adjusted to the horizontal in a clockwise direction , The machine is working (Increase the pressure state) 。
3. Question: What kind of oil does the 450 plunger sprayer use?
Answer: Any oil with lubricating effect is fine。
4. When do I need to add oil and how much oil do I need to add?
Answer: Before using the machine each time, you need to add about 5 drops of lubricating oil to the oil filler port。
5. What kind of material can be sprayed by the 450 plunger sprayer ?
Answer: non-particle free material with good fluidity。