

Pressure Washing Gun

Cautions

- Eye protection is mandatory. Use of a face shield is recommended.
- Wear protective gloves.
- Turn off when not in use. Do not leave the pressure-washing gun unattended during operation.
- Do not point the pressurized water stream at yourself or another person.
- Do not place hands, fingers or other extremities in front of the nozzle.

Description and Uses

Pressure washing systems use a high-velocity stream of water to blast through materials, such as residue that collects inside pipes or vessels. In the print making studio the pressure washer is used to clean residue off of used silk screens.

The term “pressure washing” typically refers to a washing system not capable of generating at least 5,000 psi. The pressure washer in the Fine Arts Department has a maximum pressure of 2500 psi.

Standard Operation

Note: only those individuals that have received proper instruction are allowed to use the pressure washer. Please refer to training demonstrations for specifics about materials and settings.

Starting

1. Turn on the spray booth fan. Switch is located in the hall by the spray booth’s entrance.
2. Make sure that water is available to the pump from the hose line.
3. Move the switch to the ON position to start the motor. Switch is located in the hall by the spray booth’s entrance.

Washing

1. Organize the work to be done. Unwrap as much of the pressure hose that will be required.
2. Be sure the safety latch is in position under the trigger.

Note: the safety latch is a small plastic lever located on the pressure-washers trigger. In the locked position it prevents the trigger from being depressed by the operator.

3. Clear the area of bystanders,
4. Hold the spray wand with both hands and aim it at the work.
5. Move the safety latch to its stowed position and depress the trigger.

IMPORTANT! Hold the spray gun with both hands for better control. The force of the water leaving the nozzle can move the wand.

6. Depress the trigger to start the flow. The Spray gun can be turned to any angle and the water will always flow through the selected nozzle providing the trigger is not released.
7. If the gun must be laid down, engage the safety latch on the trigger. Releasing the trigger puts the pump in bypass mode. Do not let the pump remain in bypass for longer than 1 to 2 minutes at a time. Turn off the motor if the washer will be unattended for longer than 1 to 2 minutes..

Stopping

1. Release the spray gun trigger and flip the safety latch into position under the trigger and lay the spray gun down.
2. When washing is completed flip the motor switch to the OFF position. Switch is located in the hall by the spray booth's entrance.
1. Depress the trigger to relieve built-up internal water pressure

Further Considerations

- Inspect the hose before every use for kinks, tears, leaks or cuts. If these defects are found do not turn the pressure-washing gun on.
- If the Pressure washer is not operating correctly, or is making unusual noises turn the unit off and notify your supervisor immediately. Do not attempt to operate again until corrective action has been taken and documented. Only supervisors are trained and are permitted to replace a malfunctioning lamp.

Hazards

- The pressure washer in the Fine Arts Department has a maximum pressure of 2500 psi. This has the potential to cause serious bodily harm including amputation of extremities and internal bleeding if pointed at soft tissue. Never point the pressurized water stream at yourself or another person.
- Eye protection must be worn at all times when using the pressure washer. Pressurized water can damage the eyes.
- Be aware of specific chemicals that are being cleaned away by the pressure washer. There is an increased risk of spray back and exposure to chemicals being cleaned away. To reduce air born chemicals, rinse materials first with the hand-spray and then use the pressure washer. Ensure that the fan in the spray booth is turned on and that the door is closed.