

**Type:** Hot water, high pressure, electric powered portable washer. Machine shall be capable of operating on fresh water. Machine shall be manually operated with appropriate safety controls. Must be ETL, UL, CGA or CSA certified. Must conform to UL standard 1776 for pressure washers.



|                           |                    |                    |         |
|---------------------------|--------------------|--------------------|---------|
| <b>Discharge, gpm/lpm</b> | 2.2/8.4            | <b>Amps</b>        | 18      |
| <b>Pressure, psi/bar</b>  | 1300/89.7          | <b>Burner Fuel</b> | LP      |
| <b>Electric Motor, hp</b> | 2                  | <b>Btu/hr</b>      | 227,000 |
| <b>Voltage</b>            | 115 volt / 1 phase |                    |         |

**Pressure Hose:**

Fifty-foot discharge hose shall be 3/8" I.D. single wire braid type meeting or exceeding SAE100R1 performance specifications. Shall be equipped with swedge and strain relief collars. Hose shall have a 4 to 1 safety rating, with an operating pressure of 3000 PSI (207 Bar) at 250° F (121° C).

**Trigger Gun:**

Insulated Pistol type safety shut off spray gun supplied shall be rated for a minimum 6 GPM (22.8 LPM) at 2000 PSI (138 Bar) and 300° F (149° C). Constructed of Zytel Polymer with a brass cast body, stainless steel seat and ball check.

**Wand:**

A 36" (91 cm) Chrome Plated wand with Zytel polymer insulated grip and side handle for safety and comfort.

**Nozzles:**

Appropriate identifiable high-pressure nozzle shall be supplied with the ability to vary spray pattern from 0 to 80 deg. By means of turning insulated grip.

**Pump Drive:**

Pump drive shall be of the direct drive type, eliminating the need for belts and pulleys.

**High Pressure Pump:**

High-pressure pump shall be of the Hotsy brand with ceramic plungers, oil bath crankcase, forged brass head rated for pressures up to 1750 PSI (121 Bar) and Buna-N and cloth V-seals.

**Unloader Valve:**

The pressure washer shall be equipped with a pressure-trapping unloader rated for a minimum of 1300 PSI (89.7 Bar). Unloader shall operate in conjunction with single trigger gun to provide safe operation in starting and stopping water flow through the nozzle.

**Chassis:**

Machine shall be welded steel frame, providing protection for the burner system, pump & motor. All painted material shall be painted with an epoxy powder coating.

**Controls/Gauges:**

Machine shall have control panel with the following: Lexan plastic operating instructions and safety information attached by high strength adhesive. Machine controls shall be mounted in shock resistant control box. Controls shall include pump start stop switch and an interlocked burner start stop switch. All controls to be located in an enclosure to protect from moisture.

**Electrical:**

The electrical motor shall have a thermal overload to meet NEC code. Power cord must be equipped with a ground fault circuit interrupter at the plug end to meet NEC standards (single phase mobile machines only).

**Burner System:**

Must comply with CSA standard B140.11-M89 and CAN1-2-2.17-M91 for commercial-Industrial steam cleaning machines or UL 1776 standard for pressure washing equipment. Burner shall be naturally aspirated with burner spuds mounted in a ring configuration. A sealed pressure switch shall control opening and closing of gas valve.

**Heating Coil:**

Schedule 80 A63 cold-formed pipe with a material thickness of 0.147 (3.73 mm). Pipe O.D. 0.840 (21.3 mm). Overall pipe length of 105 Ft (31.9 m). Welding to be performed to ASME standards. Heating coil skin to be Aluminized steel for corrosion resistance. Heating coil to be insulated with fiberfrax ceramic blanket.

**Rupture Disk:**

A rupture disk is located at the discharge port of the coil for over pressurization protection.

**Detergent Application:**

Machine shall have the capability of applying detergent at a preset ratio determined by the owner. Detergents shall be introduced on the inlet side of the high pressure pump, allowing detergents to be applied at high pressure, and allowing the benefits of coil cleaning additives to be applied to the inside of the heating coil.

**Dimensions:**

Length: 28.5", Width: 20", Height: 31"  
Shipping wt: 320 lbs

**Options:**

Portability