

# Hydroblaster™ All Electric Line MODEL EE

(Electric Driven, Electric Heated Belt Drive)

MODEL	4/2000	4/3000	4/4000
VOLUME (GPM)	4	4	4
PRESSURE (PSI)	2000	3000	4000
ELECTRIC MOTOR(HP)	5	7.5	10
VOLTAGE <sup>1</sup> (STD)	C, D	C, D	C,D
AMPERAGE (48 KW)	150, 70	150, 70	154, 71
ELECTRIC CONTROL	Contactor, overload, shut down timer in NEMA 4 enclosure		
OVERLOAD	Current sensing, manual reset		
WEIGHT (LBS)	510	525	565
LENGTH (INCHES)	32	32	32
WIDTH	32	32	24
HEIGHT	50	50	50

## Meets UL1776 Standards for Indoor, Outdoor and Wash bay Applications



**NO** direct immersion of elements into water being pumped - no scale build-up or element burn out.

**COIL** - Stainless steel coil provides efficient heat transfer from heat storage solution to high pressure water passing through the coil. No water/soap scale will form as the maximum coil temperature never exceeds 190F (fuel fired coils can see as high as 750F skin temperature therefore scale up). Easy coil repair or replacement if ever required frequent in other units on the market.

**LARGE Heater** B.T.U. storage tank allows for continuous recovery even when the gun is triggered off. This provides good heat retention at higher flow rates. Water in tank is treated with Permafilm P to prevent corrosion and galvanic action. **WATER** is heated on the pressurized side of the pump (cold water through the pump for long life), unlike other makes that heat the water first then pass it through the pump.

**ELEMENTS** - calrod heaters are of tubular design and encased in an incaloy sleeve for long life. Each pin may be replaced independently (not like screw plug type as used by others) at 1/3 of the cost.

**SAFETY** low heater solution "cut off switch" is placed in the tank to shut off the power to the elements should the level drop. The tank temperature is thermostatically controlled. 24 Volt low voltage control circuit.

**THERMO BLANKET** - The tank is fully insulated to provide almost 100% energy input/output efficiency (all power is used to heat water)

**INSTANT "hot" pressurized water.** Since the heater is always at operating temperature you get hot water the moment you trigger the gun. No cool down procedure is required after use. A 5 minute wash job is 5 minutes only.

**TROUBLE FREE** - Fully automatic heat exchanger (no operator controls). Fully automatic START/STOP motor circuit. Machine may be operated from any remote location by simply triggering the gun on and off. Solid state shut down after 10 seconds.

**NO OPEN FLAME** - can be used in environmentally sensitive areas. May be installed almost anywhere - under stairway, under work bench, compressor room, storage room, shop area, etc.

<sup>1</sup> Voltage codes; C=230 volt three phase, D=460 volt, three phase. Specifications are effective October 1, 2003. 2. Specifications are subject to change without notice.