

COMMERCIAL ELECTRIC WATER HEATERS

Lochinvar's Commercial Heat Pump electric water heater is available in 119 gallon capacity and feature a heat pump operating with environmentally-friendly R134a refrigerant that will absorb ambient heat from the surrounding air to reduce electrical consumption.

STANDARD FEATURES

- **Heat Pump** – The 3.15 horsepower Heat Pump transfers heat from the surrounding air to the water in the tank at an industry leading 4.2 Coefficient of Performance (COP). Dual evaporator fans maximize performance and cool the equipment room.
- **Code Compliance** - Meets the U.S. Department of Energy standby loss requirements and the current edition of ASHRAE 118.1.
- **Electronic Control** - The electronic control features an LCD display with three operating modes (Efficiency, Hybrid or Electric) to match the heating requirements of the environment. The LCD display will provide runtime information and troubleshooting alerts.
- **Immersion Heating Elements** - Two 6 kW incoloy sheathed elements provide backup heat to the heat pump. The elements screw in for easy service and replacement.
- **Operating Ranges** - Operating ambient range from 20°F to 110°F with maximum set point temperature of 150°F in Efficiency or Hybrid mode and maximum 180°F in Electric mode.
- **Glass-Lined Steel Tank** - The durable glass lining is fused to the steel tank at 1600°F to assure lasting protection against rust and corrosion while providing clear, clean hot water. 300 PSI test pressure; 160 PSI working pressure.
- **Non-CFC Foam Insulation** - A uniform coverage of thick closed-cell foam insulation minimizes standby heat loss, maximizes heat retention.
- **Tank Saver Anode** - A large diameter, high capacity anode inhibits corrosion of the tank interior for long, trouble-free service.
- **Temperature & Pressure Relief Valve** - Factory installed for optimum safety.
- **Brass Drain Valve** - Designed for effective drainage and positive shut-off.
- **3-Year Limited Tank & 1-Year Parts Warranty*** – See warranty for details.

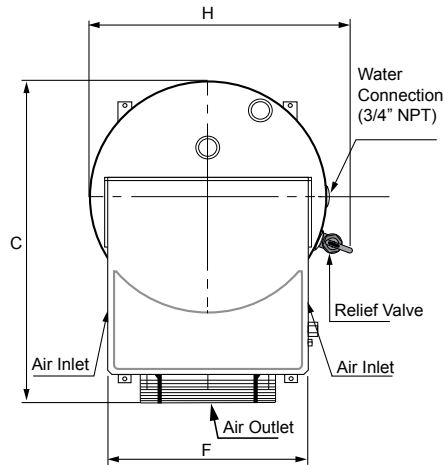
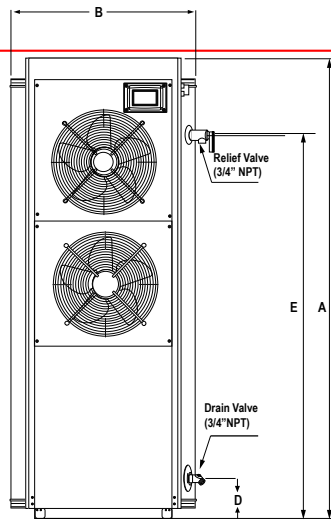
COMMERCIAL HEAT PUMP ELECTRIC MODELS



Meets ASHRAE
Energy Efficiency
Standards



Dimensions and Specifications



**FOR EASE IN ORDERING
BY MODEL NUMBER**

CHP	A	120	P	D
Heat Pump	Volume	Tank Capacity	Element Voltage	Element Qty.

This is a commercial heat pump model that has 120 gallon capacity with two 240 volt 6,000 elements..

Model Number	Nominal Gallon Cap	Rated Storage Cap.	240V Input Watts	Standard Voltage	1st Hr. Rating Hybrid COP	A	B	C	D	E	F	Ship. Wt.
CHPA120PD	119	120	12,000	208/240	150 4.2	69-1/4"	28"	39-3/4"	6"	57-3/4"	23-3/4"	620

Mode of Operation	Input		Recovery Rate in Gallons Per Hour											
			Temperature Rise °F											
	Btu/hr	kW	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	110°F	120°F	130°F	140°F
Efficiency	33,678	10	136	102	82	68	58	51	45	41	37	34	31	29
Hybrid	74,624	22	302	226	181	151	129	113	101	90	82	75	70	65
Electric	40,946	12	165	124	99	83	71	62	55	50	45	41	38	35

Certified for Potable Water and Space Heating Applications
 This water heater is suitable for water heating and space heating. Toxic chemicals, such as those used for boiler water treatment shall NEVER be introduced into this system. This water heater may NEVER be connected to any existing heating system or components previously used with non-potable water heating appliances.



Lochinvar, LLC
 300 Maddox Simpson Parkway
 Lebanon, Tennessee 37090
 P: 615.889.8900 / F: 615.547.1000
 Lochinvar.com

For technical information call 800-722-2101. Lochinvar, LLC reserves the right to make product changes or improvements without prior notice.