

Typical Specification for Lochinvar Commercial Heat Pump Electric Water Heater

The **Commercial Heat Pump Water Heater** shall be Model Number CHPA120PD. The **Water Heater** shall be rated at 12 kW, 240V, single phase, 60 cycle AC as listed by Underwriters' Laboratories. All models meet National Sanitation Foundation NSF-5 requirements. The **Water Heater** shall have an LCD display with built-in diagnostic and troubleshooting information. The **Water Heater's** tank shall be 119 gallon capacity with 160 psi working pressure and equipped with a commercial grade anode. All internal surfaces of the tank exposed to water shall be glass-lined with an alkaline borosilicate composition that has been fused to steel by firing at a temperature range of 1400°F to 1600°F. Internal power circuit fusing shall be provided.

The **Heat Pump Water Heater** shall be capable of operating in Efficiency, Hybrid or Electric only modes. 3/4" NPT inlet and outlet water connections shall be provided. The water heater tank shall have a three year limited tank warranty; the compressor, refrigeration components and all other parts shall have a one year limited warranty. Meets or exceeds the efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE 118.1.

Technical Characteristics		
Model Type	Integrated Heat Pump Water Heater	
COP	4.2	
HP Rated Input Power	3.15 HP (2.35 kW)	
HP Rated Heating Output Capacity	11.13 kW	
Power Specification	208/240Vac ~ 60Hz 1Ph	
Maximum Operation Current	67 A	
Refrigerant	R134a	
Refrigerant Charge Quantity	3.3 Lbs (1.5 Kg)	
Electrical Heating Capacity	12.0 kW	
Measured Tank Capacity	111.76 Gal (423 L)	
Operation Modes	Efficiency, Hybrid, Electric	
Max. Water Temperature	Efficiency/Hybrid	Electric
	150°F (66°C)	180°F (82°C)
Operating Ambient Temperature	20 - 110°F (-6.6 - 43.3°C)	
Unit Operation Noise	59 dB (A)	
Approx. Heater Weight	498 Lbs (226 Kg)	
Approx. Shipping Weight	620 Lbs (281 Kg)	