



Heat Pump Residential Electric Water Heaters

Heat Pump Models

Lochinvar's Heat Pump residential electric models are available in 50, 66 and 80 gallon capacities and feature a heat pump operating with environmentally-friendly R134a refrigerant that will absorb ambient heat from the surrounding air reducing electrical consumption by up to 66%.

Standard Features

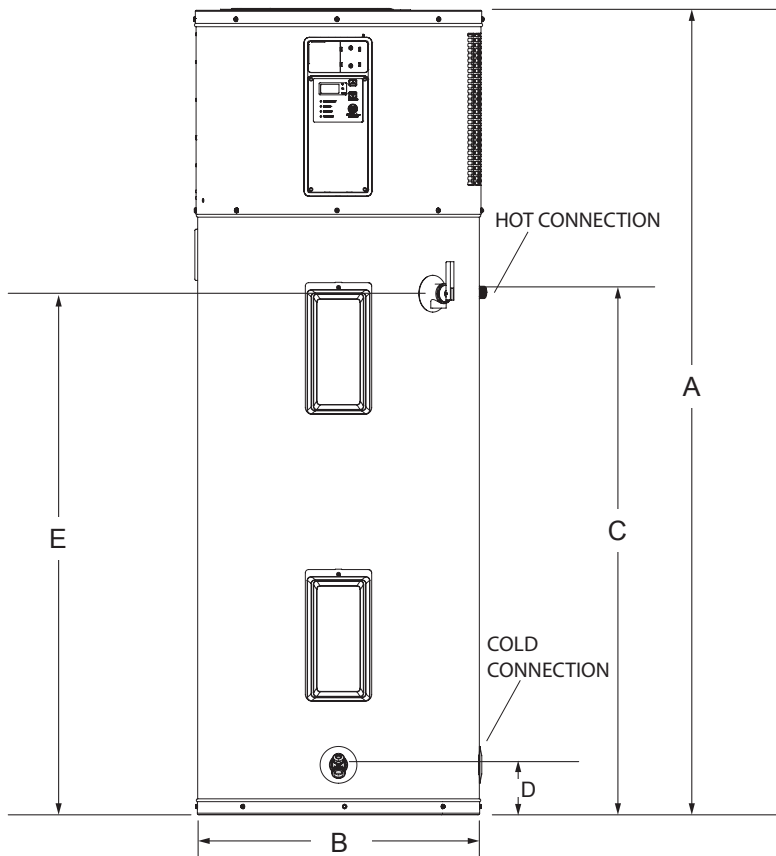
- **ENERGY STAR®** - The Heat Pump water heater meets the ENERGY STAR requirement with 2.75 Energy Factor in hybrid mode and are eligible for most utility rebate programs.
- **Code Compliance** – The Heat Pump residential electric water heater meets the National Appliance Energy Conservation Act (NAECA) Energy Factor requirements effective April 16, 2015. Meets the thermal efficiency and standby loss requirements of ASHRAE/IES 90.1.
- **Electronic Control** – The electronic control features an LED display and four operating modes to match the heating requirements of the environment. The LED display will also read-out current status, set point and fault codes.
- **Immersion Heating Elements** – Zinc-coated copper sheath design for longer life in hard, aggressive water. The elements screw in for easy service and replacement.
- **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; 150 PSI working pressure.
- **Non-CFC Foam Insulation** – A uniform coverage of thick closed-cell foam insulation minimizes standby heat loss, maximizes heat retention and delivers a high Energy Factor.
- **Tank Saver Anode** – A large diameter, high capacity anode inhibits corrosion of the tank interior for long, trouble-free service.
- **Heat Trap** – Heat traps are built into the inlet and outlet connections to eliminate heat migration and heat loss in the water piping.
- **Temperature & Pressure Relief Valve** – Factory installed for optimum safety.
- **Brass Drain Valve** – An enhanced ball valve design for effective drainage and positive shut-off.
- **10 Year Limited Tank & Parts Warranty*** – See warranty sheet for details.

** 1-year limited tank & parts warranty when installed in a commercial application.*



All models meet or exceed the NAECA and ASHRAE Energy Efficiency Standards

Dimensions and Specifications



FOR EASE IN ORDERING
BY MODEL NUMBER

HP	A	050	K	D
HEAT PUMP	VOLTAGE	TANK CAPACITY	ELEMENT WATTAGE	ELEMENT QTY

This heater has a 10 year warranty. It is a heat pump model, has a 50 gallon capacity with a 240 volt 4500 watt upper element and 4500 watt lower element.

Model Number	Gal. Cap.	Input Watts	Standard Voltage	Energy Factor	1st Hr. Rating	A	B	C	D	E	Ship. Wt.
HPA050KD	50	4500	240V	2.75	68	63"	22"	40-1/2"	3-3/4"	40-1/2"	196
HPA066KD	66	4500	240V	2.74	81	61"	27"	38"	4"	38"	285
HPA080KD	80	4500	240V	2.72	90	69"	27"	46"	4"	46"	302

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.



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