

RESIDENTIAL WATER HEATERS

Lochinvar's 120V Plug-in Hybrid Electric Heat Pump water heater makes it easier than ever for consumers to electrify for an energy-efficient option to save money on their utility bills. These models plug into a standard wall outlet for easy installation. Plus, homeowners gain added peace of mind with new leak protection features including leak detection and automatic water shutoff.

120V PLUG-IN HYBRID ELECTRIC HEAT PUMP

STANDARD FEATURES

HEAT PUMP –Absorbs ambient heat from the surrounding air to heat water using a compressor. The self-contained heat pump is integrated into the top of the tank. Backup electric elements supplement the heat pump depending on operating mode, environmental conditions and hot water demand. Providing improved efficiency up to 3.2 Uniform Energy Factor (UEF), the heat pump works to a low of 37°F ambient for more days of high efficiency operation.

EASY INSTALLATION - Simply plugs into a standard 120 volt wall outlet and is certified for use on a shared circuit.

EASY TO CONTROL - while allowing Digital control to easily set up outlet water temperature. No manual mixing valve to adjust or service. Integrated iCOMM™ smart connectivity through Wi-Fi and Bluetooth. Monitor and control your water heater through the iCOMM app. If applicable download the Time of Use schedule of your local electric utility to prioritize heating when the rates are most affordable

LEAK PROTECTION TECHNOLOGY -The smart anode adapts to water conditions, protecting and extending the life of the water heater. Controls regulate depletion of the anode, extending life, while allowing superior tank protection to standard anode rods. Notification is sent when the anode needs to be replaced. The smart sensor leak detection and automatic water shutoff enhance protection and provide peace of mind.

QUIET OPERATION -45 dBA. (no vibration isolation kit required)

FLEXIBLE DESIGN - Top water connections. Zero clearance required on sides and back to fit smaller spaces. Only 450 ft³ of space required, plus integrated ducting adapters for easy installation in tight spaces.

10-YEAR LIMITED WARRANTY– See written warranty for complete information. Also found on Lochinvar.com.



Qualifies for many state and local utility rebates - check Lochinvar.com



Lochinvar®
HIGH EFFICIENCY BOILERS & WATER HEATERS

DIMENSIONS AND SPECIFICATIONS

PREMIUM SMART RESIDENTIAL HYBRID ELECTRIC HEAT PUMP					DIMENSIONS AND SPECIFICATIONS							
Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (gal.)	A	B	C	D	E	F	G	Approx Ship. Wt. (lbs.)
HPV050KD	50	46	3	52	63"	22"	41-1/2"	3-3/4"	8"	43-1/2"	48"	196
HPV065KD	66	68	3.2	76	61-1/2"	26-1/2"	38-1/4"	4"	8"	41-1/4"	46"	284
HPV080KD	80	81	3	93	69"	26-1/2"	46-1/2"	4"	8"	50-1/2"	54-1/2"	302

Top T&P option not available.

ADVANCED QUALIFICATIONS

ASSE 1082

California Title 24 JA13 Qualified

CTA-2045 (AC)

Hud Compliant

NEEA Tier 3

Open ADR 2.0b VEN

OTHER FEATURES

R-513A Refrigerant

Environmentally-friendly, non-CFC foam insulation

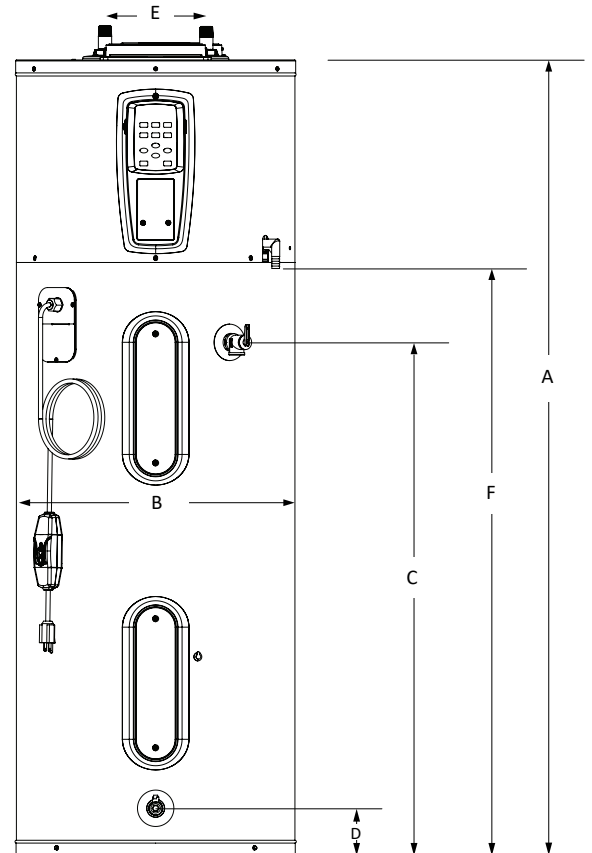
Durable, enhanced-flow brass drain valve

CSA certified and ASME rated temperature & pressure relief valve

OPERATING REQUIREMENTS

Requires provision for non-acidic condensate draining; if a suitable drain is not available a condensate pump is required.

120 VAC 60Hz single phase 15 amp shared circuit



FOR EASE IN ORDERING BY MODEL NUMBER

HPV	o80	K	D
Heat Pump	Tank Capacity	Element Wattage	Element Qty.

This is a residential heat pump model that has 81 gallon capacity with two 120 volt elements.

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



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

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HPV-01

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