SMART HYBRID ELECTRIC WATER HEATERS

Lochinvar's Heat Pump hybrid 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 78%.

STANDARD FEATURES

- **ENERGY STAR®** - The Heat Pump water heater meets the ENERGY STAR requirement with up to 4.02 Uniform Energy Factor in hybrid mode and is eligible for most utility rebate programs.
- **Code Compliance** - Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act, (EPCA), as amended and meets ENERGY STAR requirements.
- **Electronic Control** - The electronic control features an LED display and four operating modes to match the heating needs and environmental conditions. The LED display will also read-out current status, set point and fault codes.
- **Immersion Backup Heating Elements** - Zinc-coated copper sheath design for longer life in hard, aggressive water. The elements screw in for easy service and replacement.
- **iCOMM™ Smart Connectivity -** Monitor and control water heater through the free iCOMM™ app. Connect through a local Wi-Fi network or directly to the water heater through Bluetooth.
- **Leak Protection Technology -** Smart sensor alerts user in the event a leak does occur for added piece of mind. Receive notifications through the iCOMM™ app. Compatible with the automatic water shutoff valve (accessory kit 100356001).
- **Smart Anode -** Anode adapts to water conditions to protect and extend the life of the water heater. Controls regulate depletion of the anode to extend the life of the anode and user is notified and when anode is consumed and needs to be replaced.
- **Quiet Operation -** 45 dBA operating sound level is the quietest in the industry.
- **Flexible Design -** Top and front water connections for easy installation. Zero clearance required on sides and back. Integrated ducting adapters. Rigid ducting up to 300 feet and flexible ducting up to 100 feet.
- **Qualifications -** NEEA Tier 4, California JA13, CTA-2045 (AC) & OpenADR 2.0b VEN
- **10-Year Limited Tank & Parts Warranty** – See warranty sheet for details.

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

SMART HEAT PUMP
ELECTRIC WATER HEATER

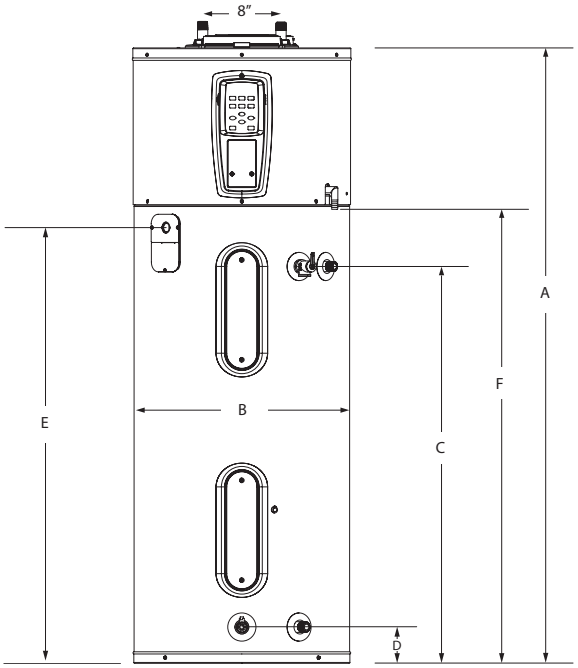


Meets ASHRAE Energy Efficiency Standards

AHRI CERTIFIED www.ahridirectory.org
LOW LEAD CONTENT
ENERGY STAR

Lochinvar®
HIGH EFFICIENCY BOILERS & WATER HEATERS

DIMENSIONS & SPECIFICATIONS



FOR EASE IN ORDERING BY MODEL NUMBER

HPS A 050 K D

SMART 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 208/240 volt 4500 watt upper element and 4500 watt lower element.

Model Number	Nominal Gallon CapCap.	Rated Storage Watts	Input Voltage	Standard (Hybrid)	1st Hr. Rating	UEF	A	B	C	D	E	F	Ship. Wt.
HPSA050KD	50	46	4500	208V/240V	65	3.80	63″	22″	40-1/2″	3-3/4″	43.5″	48	196
HPSA065KD	66	67	4500	208V/240V	82	4.02	61.5″	26.5″	38.25″	4″	41.25″	46	284
HPSA080KD	80	82	4500	208V/240V	95	3.88	69″	26.5″	46.5″	4″	50.5″	54.5	302

Water connections are 3/4" NPT. Available in 4500 watts only.

Other Features:
- Front mounted junction box
- 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.
- 208/240 VAC 50/60Hz single phase 30 amp power supply

Multiple Operating Modes
- Hybrid (Default): Hot water delivery balanced with energy saving performance
- Heat Pump: Maximum energy efficiency
- Electric: Uses only the electric heating elements
- Vacation: Reduce energy use while you are away

Lochinvar®
HIGH EFFICIENCY BOILERS & WATER HEATERS

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