

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 75%.

SMART HEAT PUMP ELECTRIC WATER HEATER

STANDARD FEATURES

ENERGY STAR® - The Heat Pump water heater meets the ENERGY STAR requirement with up to 3.88 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 100345338).

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.

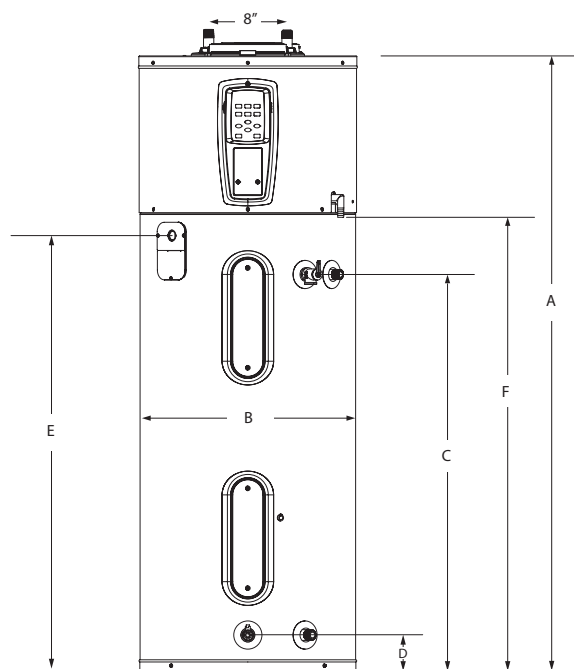
QUALIFICATIONS - NEEA Tier 4, California JA13, CTA-2045 (AC) & OpenADR 2.0b VEN

10-YEAR LIMITED TANK & PARTS WARRANTY – See warranty sheet for details.

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



DIMENSIONS & SPECIFICATIONS



FOR EASE IN ORDERING
BY MODEL NUMBER

HP	SA	080KD	D	A	K
SMART HEAT PUMP	SMART	TANK CAPACITY	ELEMENT QTY	VOLTAGE	ELEMENT WATTAGE

This is a 208/240 volt residential heat pump model that has an 82 gallon capacity and two 1500 watt elements

SMART RESIDENTIAL HYBRID ELECTRIC HEAT PUMP

DIMENSIONS AND SPECIFICATIONS

Model Number	Nominal Gallon Cap	Rated Storage Cap.	Input Watts	Standard Voltage	1st Hr. Rating (Hybrid)	UEF	A	B	C	D	E	F	Ship. Wt.
HPSA050KD DAK	50	46	4500	208V/240V	65	3.80	63"	22"	40-1/2"	3-3/4"	43.5"	48	196
HPSA065KD DAK	66	67	4500	208V/240V	82	3.70	61.5"	26.5"	38.25"	4"	41.25"	46	284
HPSA080KD DAK	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

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



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