

### VOLTEX® X OUTDOOR SPLIT HEAT PUMP WATER HEATER

The Voltex X Outdoor Split Heat Pump Water Heater from A. O. Smith is the most adaptable option for consumers who want to save money on their utility bills.\* The Voltex X split system design allows the heat pump and storage tank to be installed in a wide range of space constrained locations. The Voltex X utilizes CO<sub>2</sub> refrigerant allowing the unit to work in colder temperatures compared to a standard heat pump water heater and provides annual savings up to \$600.

#### HOW DO THEY WORK?

- Absorbs ambient heat from the surrounding air to heat water using a compressor
- Water split system for easy installation by plumber (no EPA Section 608- Type II certification required for handling refrigerants - the HP comes pre-charged ready to go)
- Self-contained heat pump unit is separate from the storage tank
- Various tank sizes available to fit in a large range of space constrained environments previously not fit for standard hybrid heat pump

#### EXCEPTIONAL ENERGY EFFICIENCY

- Improved efficiency up to 3.80 Uniform Energy Factor (UEF) can reduce the cost of water heating by up to 76% compared to standard electric water heaters
- Heat Pump can operate in ambient temperatures down to -25°F and up to 109°F for more days of high efficiency operation
- ENERGY STAR® certified for many state and local utility rebates

#### SUSTAINABLE REFRIGERATION

- Utilizes CO<sub>2</sub> refrigerant for a smaller carbon footprint
- 99.9% lower global warming potential than the standard refrigerant used in other residential heat pump water heaters

#### FLEXIBLE CONFIGURATION

- Self-contained heat pump is installed outside
- Up to 66 feet of 1/2 inch water line is piped to storage tank inside
- Tanks are available in a large assortment of sizes and shapes to fit into a variety of space constrained locations
- Ideal for closet, garage, utility room, or basement installation

#### SMART CONNECTIVITY

- Monitor and control your water heater through the free iCOMM™ App
- Connect through a local Wi-Fi network or directly to the water heater through Bluetooth
- If applicable, download the Time of Use (TOU) schedule of your local electric utility to prioritize heating when the rates are the most affordable
- Receive alerts and notifications

#### ADVANCED PROTECTION TECHNOLOGY

- Smart sensor leak detection provides early warning and damage prevention
- Built-in freeze defense through heat pump circulation; optional Anti-Freeze Valve Kit available for additional protection during power outages
- Compatible with the automatic water shutoff valve for enhanced protection

#### 10-YEAR LIMITED WARRANTY

- For complete information, consult written warranty or go to [hotwater.com](http://hotwater.com)

\*Comparing 80-gallon Voltex X heat pump against pre-2015 similarly-sized standard electric using DOE EF to UEF conversion rates and \$0.14 per kWh electricity cost. Savings may vary.

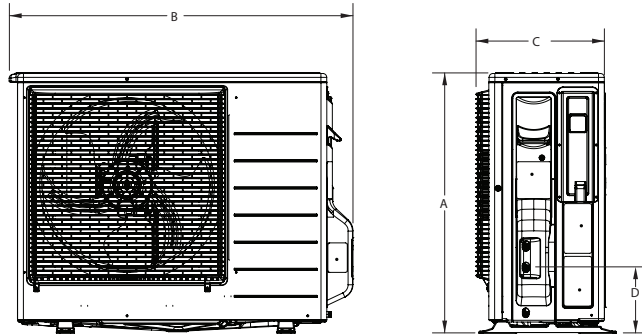




# COMMERCIAL-GRADE RESIDENTIAL ELECTRIC WATER HEATERS

## HEAT PUMP - A SYSTEM IS A COMBINATION OF HEAT PUMP AND A TANK

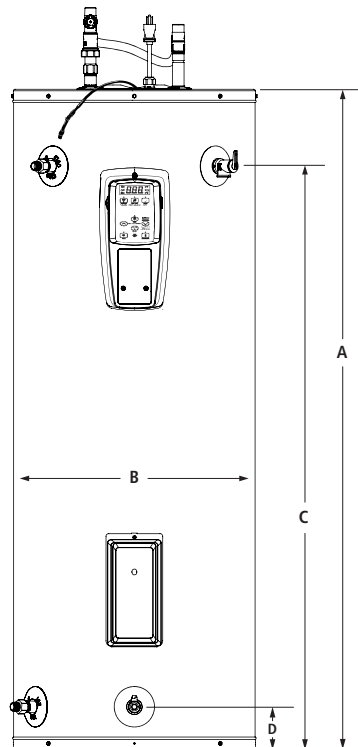
Model Number	Wattage	Dimensions (in.)				Weight (lbs.)	Warranty Term (Years)
		A	B	C	D		
HPACO-45	4.5 kW	26-1/2	35	14-1/2	6-1/2	114	10



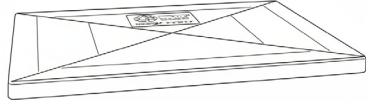
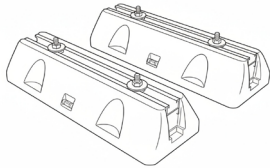
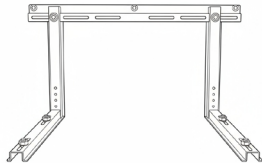

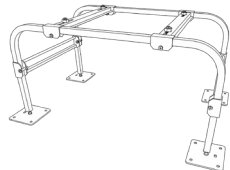
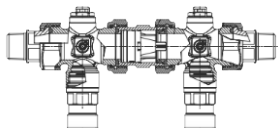
## TANK

Model Number	Nominal Capacity	Rated Storage Volume	UEF	First Hour Rating (Gallons)	Dimensions (in.)				Weight (lbs.)	Warranty Term (Years)
					A	B	C	D		
AXST-50LBTTP*	50	48	3.55	72	35-7/8	26-1/2	-	3-7/8	158	10
AXST-50S	50	46	3.52	70	48-7/8	22	40-3/4	4	119	10
AXST-50T	50	45	3.52	67	58	20	51-5/8	4	115	10
AXST-66	66	60	3.70	82	60-1/4	22	53-1/4	4	134	10
AXST-80	80	73	3.80	95	60-1/4	24	52-1/8	4	179	10

\*Only available in top T&P



## ACCESSORY LIST

Model Number	Description	Image
100400748	Plastic Equipment Pad 18in X 38in X 3in	
100400749	Mounting Struts 17.7in	
100400750	Mounting Wall Bracket with Rail, Steel	
100400761	Mounting Roof Bracket	
100400762	Mounting Stand Aluminum 18in	
100394673	Anti-Freeze Valve	

### OPERATING MODES

- Heat Pump: Maximum energy efficiency
- Guest: Provides maximum hot water for up to seven days
- Vacation: Reduce energy use while you are away
- Quietest Operation: 40dBA outside; 0dBA inside the home

### OPERATING REQUIREMENTS

- 208/240 VAC 60Hz single phase 20 amp power supply required for Heat Pump
- 120 VAC 60Hz single phase 15 amp shared circuit required for Storage Tank

### OTHER FEATURES

- Outdoor rated communication cable standard on every unit
- Environmentally-friendly, non-CFC foam insulation
- Durable, enhanced-flow brass drain valve
- CSA certified and ASME rated temperature & pressure relief valve
- Multiple accessories available for customizable installation configurations

### iCOMM™ SMART CONNECTIVITY

Download the free app to get started.



Apple logo and Apple App Store Logo are trademarks of Apple Inc. Google Play and the Google Play logo are trademarks of Google LLC.