

# AURA HYBRID

Residential Heat Pump Water Heater

*American Standard®*  
WATER HEATERS

[www.americanstandardwaterheaters.com](http://www.americanstandardwaterheaters.com)

## Features

- **AQUA COMFORT LINK** app connectivity gives the ability to monitor and control your water heater remotely.
- **I-MEMORY** self-learning habit algorithm which will ensure you have hot water when you need it and save energy when you don't.
- **5 UNIQUE OPERATING MODES** to suit all water heating demands. Comfort (default factory mode), Green, Fast, Electric, and Vacation modes.
- **BOOST FUNCTION** allows for a single heat up cycle using the heat pump and elements to decrease recovery time.
- **BUILT IN LEAK DETECTION** with app notifications and optional shut off valve at the inlet to provide peace of mind.
- **ECOPORT CERTIFIED** Demand Response ready (CTA-2045/OpenADR).
- **USER-FRIENDLY LCD DISPLAY** screen that allows for easy view of current operational status, parameter changing, and diagnostics.
- **DUAL BACKUP INCOLOY HEATING ELEMENTS**
- **FULL FLOW BRASS DRAIN VALVE** allows easy and quick drainage.
- **TEMPERATURE AND PRESSURE RELIEF VALVE** factory provided & installed.

## Performance

- **UP TO 4.01 UEF**
- **UP TO 87 GALLONS FIRST HOUR RATING (FHR)**
- **QUIET OPERATION** with a sound rating of 49.1 dB.
- **EXCEEDS PERFORMANCE REQUIREMENTS OF THE DOE**
- **REDUCES OPERATIONAL COST UP TO 75%** versus conventional electric storage water heaters.
- **ENERGY STAR LISTED**
- **AHRI CERTIFIED AND LISTED**
- **NEEA TIER 4 CERTIFIED**
- **TITLE 24 COMPLIANT** (JA-13 models available).
- **CAN OPERATE AT TEMPERATURES AS LOW AS 36°F**

## Quality

- **HEAVY GAUGE STEEL TANK** for extra years of trouble-free service.
- **GLASS-LINED TANK** with DuraGlas™ and fired at 1600°F for optimum protection from the effects of corrosion.
- **DUAL CATHODIC PROTECTION** featuring a powered and a magnesium anode for enhanced protection and extended tank life.
- **10-YEAR LIMITED WARRANTY** includes 10-year limited warranty on tank and component parts.

50 & 80 Gallon Capacities  
208 or 240 V Single Phase



Globally Recognized. Industry Respected.

### SPECIFICATIONS AND APPLICATION DATA

www.americanstandardwaterheaters.com

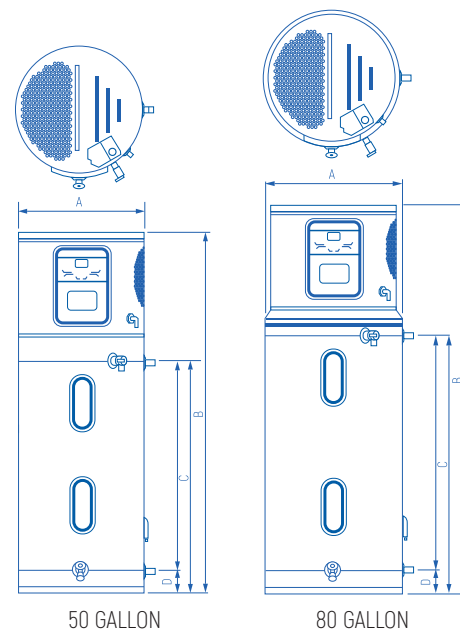
#### DIMENSIONS IN INCHES

DIMENSIONS IN INCHES												FLOOR TO					CONDENSATE HOSE SIZE	REC DRAIN PAN DIAMETER (IN)	APPROX. SHIP WEIGHT (LBS)		
MODEL NUMBER	NOMINAL VOLUME	DOE RATED CAPACITY	FIRST HOUR RATING	UNIFORM ENERGY FACTOR	GPH RECOVERY AT 90° RISE	EST. YEARLY ENERGY COST	ELEMENT WATTAGE	COMPRESSOR WATTAGE	ELECTRICAL BREAKER SIZE	SOUND LEVEL	JACKET DIAM	TOP OF HEATER	SIDE T&P	SIDE COLD	SIDE HOT	DRAIN VALVE					
	(GAL)	(GAL)	(GAL)								A	B	C	D	C	D					
TOP CONNECTED																					
ASHPWH-50	50	45	60	3.75	27	\$104	4,500	500	30	49.1	22 ½	64 ¼	41 ¼	4 ¼	41 ¼	4 ¼	¾	24	238		
ASHPWH-80	80	73	87	4.01	27	\$162	4,500	500	30	49.1	24 ½	78 ¼	54 ¼	4 ¼	54 ¼	4 ¼	¾	26	337		

Water heaters are manufactured to voltage and wattage specifications. When less than design voltage is supplied to the unit, the element will still heat, but at less than the design value.

POWER DERATING VALUES	
Voltage	
240	208
Power	Derated Power
4,500	3,380

- All models comply with NAECA requirements are UL and CEC listed and meet or exceed ASHRAE 90.1 b.
- Heaters are wired for non-simultaneous operation, single phase 240 Volts with dual 4500 Watt elements, unless otherwise specified.
- All models are certified at 300 PSI test pressure and 150 PSI working pressure.
- Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



#### SAMPLE SPECIFICATION

Water heater shall be AMERICAN STANDARD WATER HEATERS model \_\_\_\_\_ having a storage capacity of \_\_\_\_\_ gallons, a rated input of \_\_\_\_\_ KW at \_\_\_\_\_ Volts, single phase 60 Cycle AC and a recovery rate of \_\_\_\_\_ gallons per hour at 90°F temperature rise. Water heater shall perform with a UEF no lower than 3.75. Water heater shall have built in leak detection, Wi-Fi, app connectivity, and be Demand Response ready. Water heater tank interior shall be glass lined with Dura-Glas™. Water Heater shall be furnished with both a powered and a magnesium anode rod. Water Heater insulation shall be non-CFC foam. Water heater shall be tested and listed to Underwriters Laboratories standard UL 60335-2-40.



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