

HYBRID HEAT PUMP

Residential Water Heater

American Standard[®]

WATER HEATERS

www.americanstandardwaterheaters.com

Features

- **I-MEMORY** self-learning habit algorithm which will ensure you have hot water when you need it and save energy when you don't.
- **INTEGRATED WI-FI and COMFORT LINK APP** connect to a local internet network to remotely monitor and control your water heater through our free mobile app.
- **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 (not available on -B models).
- **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 CERTIFIED** up to NEEA Tier 4 certified (see table below).
- **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.

40, 50, 65 & 80 Gallon Capacities
208 or 240 V Single Phase



Globally Recognized. Industry Respected.

225 Dyer St., Providence, RI 02903
Toll Free: (800) 323-9651

ASHPWH 06.07.24

SPECIFICATIONS AND APPLICATION DATA

www.americanstandardwaterheaters.com

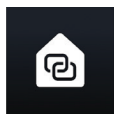
DIMENSIONS IN INCHES

MODEL NUMBER	NOMINAL VOLUME (GAL)	DOE RATED CAPACITY (GAL)	FIRST HOUR RATING (GAL)	UNIFORM ENERGY FACTOR	NEEA TIER RATING	GPH RECOVERY AT 90° RISE	EST. YEARLY ENERGY COST	ELEMENT WATTAGE	COMPRESSOR WATTAGE	ELECTRICAL BREAKER SIZE	SOUND LEVEL	JACKET DIAM A	FLOOR TO					CONDENSATE HOSE SIZE	REC DRAIN PAN DIAMETER (IN)	APPROX. SHIP WEIGHT (LBS)
													TOP OF HEATER B	SIDE T&P C	SIDE COLD D	SIDE HOT C	DRAIN VALVE D			
ASHPWH-40	40	37	66	3.58	4	27	\$127	4,500	500	30	49.1	22 1/2	56 1/2	33 3/4	4 1/4	33 3/4	4 1/4	3/4	24	190
ASHPWH-50	50	45	68	3.75	4	27	\$121	4,500	500	30	49.1	22 1/2	64 1/4	41 1/4	4 1/4	41 1/4	4 1/4	3/4	24	238
ASHPWH-65	65	62	78	3.85	4	27	\$180	4,500	500	30	49.1	24 1/2	69 1/4	41 3/4	4 1/4	41 3/4	4 1/4	3/4	26	271
ASHPWH-80	80	73	87	4.01	4	27	\$173	4,500	500	30	49.1	24 1/2	78 1/4	54 1/4	4 1/4	54 1/4	4 1/4	3/4	26	337
ASHPWH-40-B	40	37	66	3.40	3	27	\$134	4,500	500	30	49.1	22 1/2	56 1/2	33 3/4	4 1/4	33 3/4	4 1/4	3/4	24	190
ASHPWH-50-B	50	45	68	3.49	3	27	\$130	4,500	500	30	49.1	22 1/2	64 1/4	41 1/4	4 1/4	41 1/4	4 1/4	3/4	24	238
ASHPWH-65-B	65	62	79	3.68	3	27	\$189	4,500	500	30	49.1	24 1/2	69 1/4	41 3/4	4 1/4	41 3/4	4 1/4	3/4	26	271
ASHPWH-80-B	80	73	87	3.81	3	27	\$181	4,500	500	30	49.1	24 1/2	78 1/4	54 1/4	4 1/4	54 1/4	4 1/4	3/4	26	337

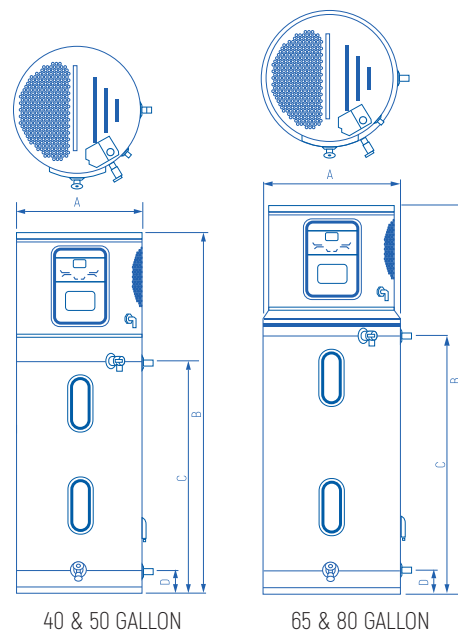
Water heaters are manufactured to voltage and wattage specifications. When less than design voltage is supplied to the unit, the element will still heat, but at less than the design value.

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.



Comfort Link app available for download.



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 3.40. 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.



Globally Recognized. Industry Respected.