

# ProMax®

## WALL HUNG ELECTRIC

Designed for quick delivery of lots of hot water to individual bathrooms and kitchens, easy and quick installation and of course with the well known durability and quality of A.O. Smith products.

### Product Features

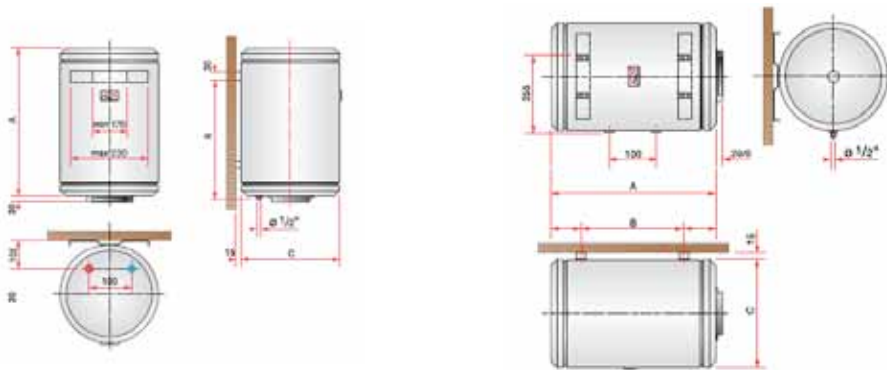
- Proven US designed strong steel tank with the A.O. Smith manufactured special cobalt enhanced glass coating fused to the steel ensuring long lifetime and resistance to scale build up.
- Factory installed brackets for wall mounted installation
- Thick injected CFC free foam insulation 22 mm thick along the sides, 40 mm on top of the heater, minimizing heat losses.
- The tanks are tested at 12 bar hydrostatic pressure to meet strict CE standards. This results in a rated working pressure of 8 bar. Models sold in Saudi comply to the SASO standard, so maximum rated working pressure is reduced to 6 bar.
- Flange: all major parts are mounted on a stainless steel flange allowing easy maintenance and cleaning of the tank if required. On the flange you will find:
  - An electric commercial grade incoloy heating element with a low watt density, making it very suitable for usage in hard water areas.
  - A manual high temperature safety thermostat cuts of power supply to the heating element in case of overheating
  - A large magnesium replaceable anode
- Stainless steel hot water outlet pipe and cold water inlet with diffuser
- Water connections are ½ inch threaded BSP.
- Accessories supplied with the water heaters:
  - Thermometer with a clear indication of water temperature
  - Inlet mounted combined pressure relieve valve, non-return valve and drain valve for hose connection
  - For SASO models only also a top mounted additional relieve valve is included.
  - Pilot light indicating operation of the heating element
- The water heater is suitable for operation on 220 to 240 Volt single phase power supply; on request a 110 Volt model can be supplied.
- Code compliance: CE
- 5 year limited tank warranty, two year parts warranty



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Vertical Models	Storage	Input in kW on 230 Volt, 1 phase power supply		Dimensions in MM			Weight KG
		Standard	Maximum	A	B	Diameter	
MEV 50	50	1.2	2.0	540	410	425	27
MEV 80	80	1.2	2.5	780	610	425	32
MEV 100	100	1.5	2.5	945	730	425	36
<b>Horizontal Models</b>							
MEH 50	50	1.2	2.0	540	168	425	27
MEH 80	80	1.2	2.5	780	375	425	32
MEH 100	100	1.5	2.5	945	375	425	36



#### Sample Specifications:

The water heater shall be A.O. Smith model --- electric wall hung water heater. The water heater shall be rated for --- kW and 230 Volts, single phase 50/60 Hz AC power supply. The storage capacity shall be --- Liter. The water heaters tank will have a test pressure of 12 bar and a rated maximum working pressure of 8 bar. The tank shall be from steel fused with glass manufactured by A.O. Smith specially for use with water heaters to form an un-detachable lining. A magnesium anode will be provided for further protection of the tank. Inlet will be of stainless steel and incorporate a diffuser to prevent mixing of incoming cold water with hot water in the tank. The outlet pipe will be of stainless steel and draw from the top of the tank. The controls will include control thermostat and high temperature cut-off thermostat. The heating element will be made of incoloy. The water heater shall be supplied with combined pressure safety valve, check valve and drain valve with hose connection.

#### A.O. Smith has been an innovative leader in water heaters since 1939

1939 marked the start of mass production of glass lined water heaters. A new patented process to fuse glass with steel ensures economic production of corrosion protected steel tanks. After the patent expired, glass lining quickly became the industry standard for water heaters, as it still is today. A.O. Smith continues to manufacture and develop new formula's of glass in its own glass manufacturing plant in Florence, KY., which will be applied in all factories of A.O. Smith in USA, Mexico, China, Canada, Europe and soon in India.