

OVER A CENTURY OF INNOVATION

A. O. Smith enjoys a rich history of achievements. A glimpse at our 143 year history reveals numerous engineering and technical achievements.

- 1874**: The Smith family started a small Mechanical shop in Milwaukee, North America.
- 1889**: The company enters the bicycle industry.
- 1906**: A. O. Smith was North America's largest automobile frame manufacturer.
- 1927**: A. O. Smith was a leading supplier of line pipe.
- 1936**: A. O. Smith patents the glass-lined water heater.
- 1954**: Water heater division introduces the first glass-lined commercial water heater, the A. O. Smith Burkay® B-65.
- 1995**: Reach into Asian Market by entering into two joint-ventures in China.
- 2010**: State-of-the-art plant set-up in Harohalli, Bengaluru in 2010.

World's No. 1 Manufacturer of Water Heaters



Registered Office

A. O. Smith India Water Products Private Limited

(formerly known as A. O. Smith India Water Heating Private Limited)

Plot No. 300, Phase-2, KIADB Industrial Area, Harohalli, Kanakapura Taluk, Ramanagara District - 562 112, Karnataka, India.
Customer Care No. 1800-103-2468/1860-500-2468 ■ Website: www.aosmithindia.com
CIN: U31909KA2006PTC040282



HPI Air to Water Heat Pump Storage Capacity - 150 & 180 litres



HPI

The HPI heat pump water heater is an integrated system that utilises the heat pump technology to provide efficient way to heat water with electricity. HPI pulls heat from surrounding air and deposits the heat into the tank. The end result is hot water with cooler and dehumidified air as a welcome by-product.

PRODUCT FEATURES:

Energy Saving Heating:

The New generation water heater extracting heat from the atmosphere and using it for heating water.

Max:

MAX function for more hot water output, therefore better bathing experience.

AES (adaptive energy-saving system):

AES feature adopts heating cycle automatically, which will facilitate water usage and save energy by minimizing thermal loss.

Hot water amount display:

Indicates the amount of hot water available in the tank.

Intelligent defrosting:

The automatic intelligent defrost function solves the problems like freezing of exchanger, frosting and resumes the system to operate efficiently.

Wired remote controller:

The controller and the unit are to be installed seperately for clear view sight and conveient operation.

Glass-lined special protective tank:

Patented glass-Lined protection by A. O. Smith for better tank life.

Anode rod protection:

A powerful steel-core-anode rod to protect tank and prolonged service life of the heat pump water heater.

High efficiency Energy Saving Insulation:

A polyurethane foam insulating layer reduces heat loss effectively.



ALL ROUND SAFETY

- Triple protection - Thermostat, High temperature limit and T&P relief valve.
- Refrigerant and water are completely separated, condenser uses rectangular steel tubes.
- Compressor overheating protection
- High and low voltage protection
- Refrigerant leakage protection



SMART & CONVENIENT

- LCD touch pad display
- Intuitive icons clearly indicate the current operating mode
- Three line display communicates current status and displays error messages in plain English when applicable.
- Safety lock
- Individual back lit buttons for mode selection



LCD remote

HPI

TECHNICAL SPECIFICATIONS - HPI

MODEL	HPI-40D1.0BI	HPI-50D1.0BI
Rated volume [L]	150	180
Voltagene / Frequency [V/Hz]	220~ / 50	220~ / 50
Rated Input / Current [W/A]		
Efficiency Mode	460 / 2.5	460 / 2.5
Hybrid Turbo Mode	2500 / 11.5	2500 / 11.5
Output(W)		
Efficiency Mode	1750	1750
Hybrid Turbo Mode	3750	3750
Water temperature range [°C]	35~75	35~75
Ambient temperature range for Efficiency [°C]	7~43	7~43
Tank rated pressure (bar)	10	10
Dimension A [mm]	1610	1800
Diameter of Tank	Ø520	Ø520
Weight of Tank (kg)	89	98

EXTERNAL DIMENSIONS

