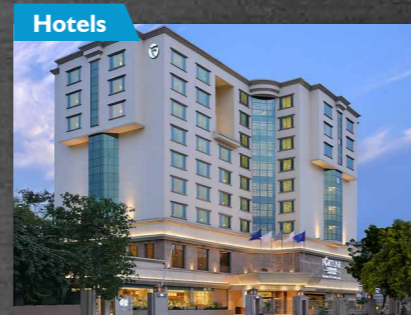


# Applications



India's widest range of Heat Pumps.



**AOSmith**<sup>®</sup>  
Innovation has a name.

**Our Heat Pumps Think!**  
Discover the Intelligent Adaptive Technology.



**AES**  
INTELLIGENT  
ADAPTIVE  
TECHNOLOGY

**HPI-D Series**

**Air to Water Heat Pump**

Storage Capacity - 150 & 180 litres

World's No.1  
Water Heater  
manufacturer

**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](http://www.aosmithindia.com)

CIN: U31909KA2006PTC040282

## HPI-D

Presenting the HPI-D Series - Smartly designed to give a premium hot water bathing experience with the new age heat pump technology. It is designed to be suitable for Domestic Bungalows, Resorts and Cottages. With the pathbreaking technology, that pulls heat from the environment, it is no surprise that our heat pumps reduce the water heating costs by more than 70%, reducing greenhouse emissions drastically.

### Smarter way to heat water

- ▶ **AES Technology** – Intelligent Adaptive Energy Saving technology analyses the water usage patterns to automatically heat up the water and optimize energy consumption
- ▶ **Wired Digital Control** – Smarter way to control heating
- ▶ **Smart Modes** – Enables you to customize as per your need. Three modes - Efficiency, Hybrid and Electric



### Sensitive to the environment

- ▶ **Heating that saves energy** – Reduced energy consumption Up to 70% by extracting heat from the atmosphere to heat up the water
- ▶ **R134a Green Refrigerant** – Controls the greenhouse gas emission, thus contributing to a greener world

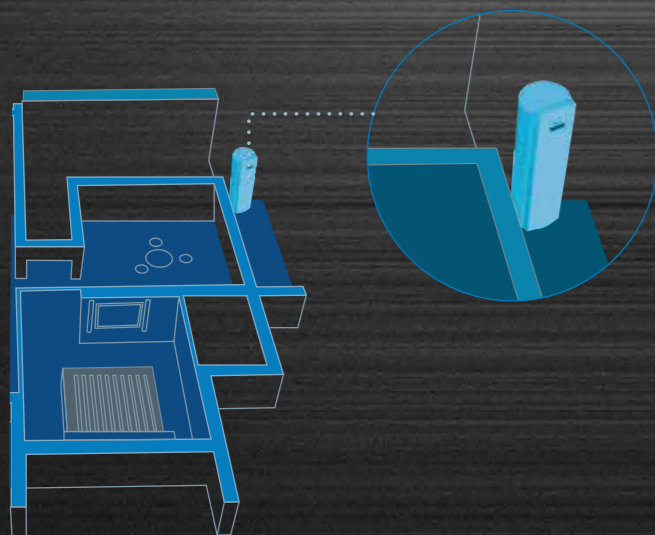


### Absolutely safe for you

- ▶ **7 Safety Protection**
  - High and Low voltage protection
  - High temperature limit protection switch (Eco switch)
  - High water temperature protection (Temperature sensor)
  - Refrigerant leakage protection
  - Compressor overheating discharge protection
  - Abnormal operation Protection (Relay and Electronic expansion valve)
  - Temperature and pressure relief valve



### Installation Blueprint



### Digital Remote



## HPI-D

### Technical Specification

MODEL	HPI-40DI.0BE	HPI-50DI.0BE
Rated volume [L]	150	180
Voltage / Frequency [V/Hz]	220 / 50	220 / 50
Rated Input power (Efficiency Mode) (W)	460	460
Rated current (A)	13.6	13.6
Rated output power (Efficiency Mode) [W]	1750	1750
Maximum power of quick heating [A]	13.6	13.6
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]	1660	1850
Diameter of Tank	Ø520	Ø520
Weight of Tank (kg)	87	92

### Line Diagram

