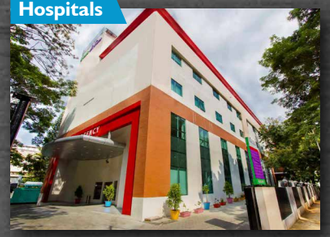
Applications


Hospitality


Hospitals


Industrial/Commercial


Educational Institutions


Workspaces


Resorts

Service Excellence

A. O. Smith comes with the assurance of the highest quality of service. We have a vast network to cater to varying industries, ranging from Hotels, Hospitals, Manufacturing units, Airports and High-end villas across the country.

Our 4-step Service Support Approach

1 **Sizing and Selection,**
we consult our clients and provide technical support

2 **Training Support for Channel Partners**
by A. O. Smith experts

3 **Regional Service Team**
are dedicated for each zone

4 **Central Service Team at HO**
supports with training & technical queries

All service cases are monitored by the regional sales team as well, thus ensuring the most cogent and beneficial after-sales support resulting in highest level of clientele satisfaction.

Registered Office

A. O. Smith India Water Products Private Limited

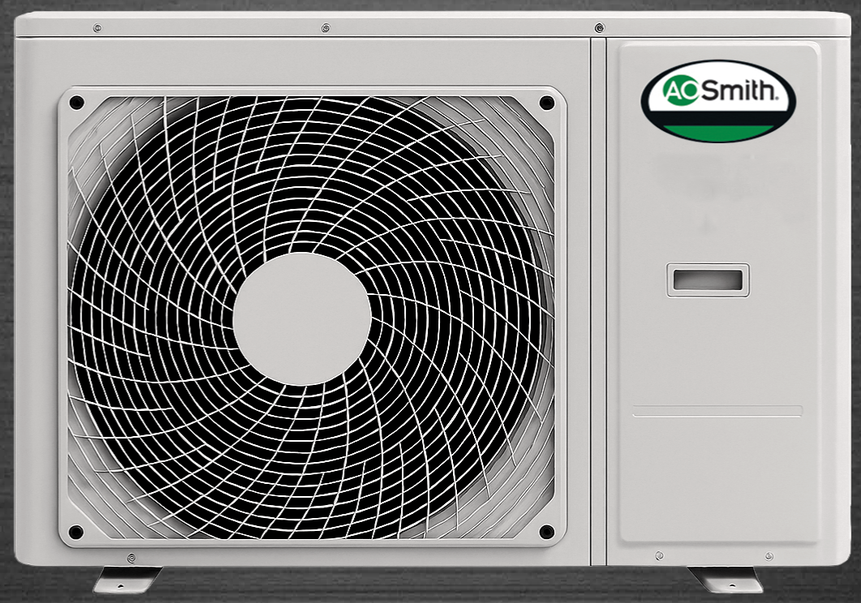
Plot No. 300, Phase-2, KIADB Industrial Area, Harohalli, Kanakapura Taluk, Ramanagara District - 562 112, Karnataka, India.
Customer Care No. 1860-500-2468 ■ Website: www.aosmithindia.com
CIN: U31909KA2006PTC040282

A. O. Smith
Innovation has a name.

A. O. Smith 150 years of innovation
Since 1874

Our Heat Pumps Think!

Discover the Intelligent Adaptive Technology.



CAHP - PI

Air to Water Heat Pump

CAHP-PI

Presenting the CAHP-PI Series - Smartly designed tankless unit to give a premium hot water bathing experience with the new age heat pump technology. It is designed to be Suitable for residential applications, villas, resorts, gyms, hotels, etc. With the pathbreaking technology, that pulls heat from the environment, it is no surprise that our heat pumps reduce the water heating costs significantly, reducing greenhouse emissions, thus contributing to a greener world.

Sensitive to the environment

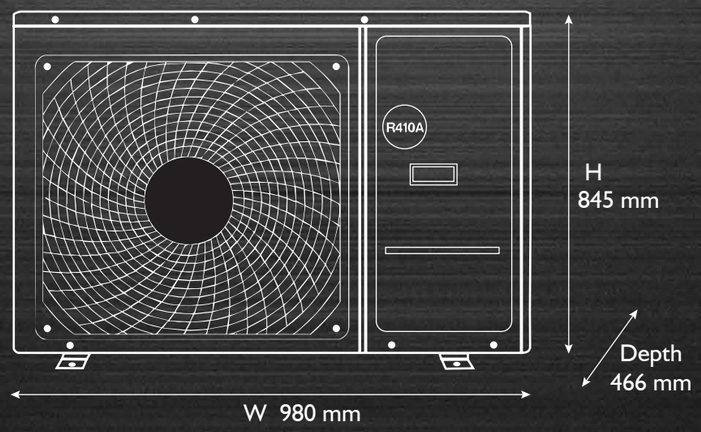
- **Heating that saves energy** – Reduced energy consumption Up to 70% by extracting heat from the atmosphere to heat up the water
- **R410a Green Refrigerant** – Controls the greenhouse gas emission, thus contributing to a greener world

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

Dimensions



CAHP-PI

Technical Specification

MODEL	CAHP-PI-10
Nominal Heating Capacity 1 (kW)	10
Rated Input Power 1 (kW)	2.21
Rated Current (A)	10
COP (W/W)	4.52
Max Total Power (kW)	3.1
Max Operating Current (A)	14.1
Noise (dB(A))	55
Nominal Water Output 1 (m^3/h)	0.215
Waterproof Rating	IPX4
Inlet Pipe Diameter	DN20 (R3/4)
Outlet Pipe Diameter	DN20 (R3/4)
Water Side Pressure Loss (kPa)	110
Air Outlet Type	Side Discharge
Refrigerant / Charge	R410A / 1.6kg
Dimensions (WxHxD) (mm)	980×845×466
Net Weight (kg)	96
Package Weight (kg)	102

Note:

(1) Rated condition: Ambient temperature 20/15°C (dry/wet bulb)

(2) Sound pressure value at one meter.

(3) Measured at the rated water flow.

Schematic Drawing

