

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.

Introducing

Commercial Hot Water Storage Tanks

ST 1000: 1000L Capacity
ST 2000: 2000L Capacity



Our Heat Pumps Think!

Discover the Intelligent Adaptive Technology.



CAHP - 3HP

Air to Water Heat Pump

Storage Capacity - 455 litres

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

CAHP-3HP

Presenting the CAHP 3HP Model - Smartly designed to give a premium hot water bathing experience with the new age heat pump technology. It is designed to be suitable for Residential Apartments, Resorts/Villas and Hospitals. 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.

A. O. Smith Advantage

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

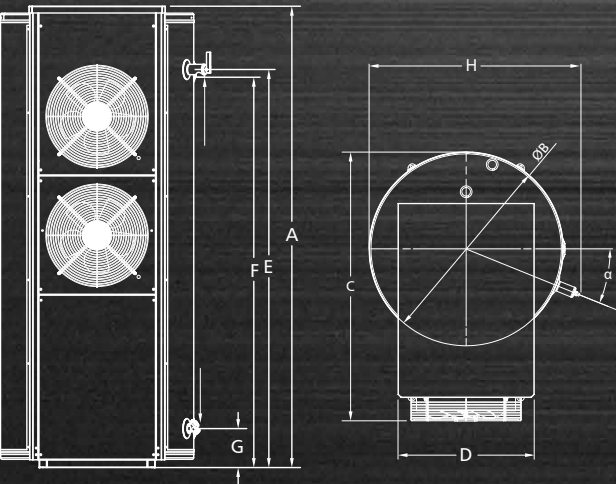


Absolutely safe for you

- ▶ **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



Dimensions



X-Ray view



Digital Remote



CAHP-3HP

Technical Specification

MODEL		CAHP3.0-120-12	
Model Type	/	Outdoor integrated heat pump water heater	
HP Rated Power	kW	2.22	
HP Rated heating capacity	kW	8	
COP	W/W	3.6	
Electrical Heating Capacity	W	12000	
Maximum Operation Current	400V / 3N / 50Hz	A	31.5
	230V / 1N / 50Hz	A	78.5
Hot Water Delivering Rate (ΔT-30 °c)	Efficiency	A	230
	High Demand	A	573
Refrigerant	/	R134a	
Refrigerant charge quantity	g	1850	
Tank capacity	L	455	
Net Weight	Kg	229	
Operation Weight	Kg	684	
Water Temp in efficiency mode	°C	65	
Operation Temperature Range	°C	35~75	
Ambient Temperature for HP	°C	7~43	
Unit Operation Noise	dB (A)	59	
Air Outlet Noise	dB (A)	62	
Dimensions (LxWxH) mm	mm	995 x 785 x 1700	
Anode	/	Aluminum Rod	
Control Mode	/	Led wire Display (Standard 10m, Optional Maxium 20 m)	
Operation Mode	/	Efficiency, High Demand, Standard	
Other Control Functions	/	Timer, Fault Alarming, Anti freezing, Water pump controlling	
Power Supply Specifications	/	230V~50Hz and 400V/3N/50Hz	
Connection Size ~ Inlet / Outlet / T&P valve / Drain valve	/	3/4 Inch (Female Thread)	

EXTERNAL DIMENSIONS

Total height A (mm)	/	1770
Tank diameter B (mm)	/	711
Maximum depth C (mm)	/	1002
Service panel width D (mm)	/	600
Relief valve height E (mm)	/	1476
Water outlet height F (mm)	/	1468
Water Inlet height G (mm)	/	153
Maximum width H (mm)	/	770