

Sensi Hydro Next Generation Residential Heat Pump

India's smarter way to heat water

With over a century of air-conditioning and heating expertise, Copeland introduces residential heat pumps designed specifically for Indian homes. These next-generation systems combine advanced technology with efficiency, delivering hot water up to 55°C while keeping operating costs low. Sensi Hydro heat pumps endure ambient temperatures from -5°C to 43°C, equipped with a robust heat exchanger tailored to withstand the diverse Indian climate. The simple, user-friendly interface ensures seamless operation, faster troubleshooting, and proactive early alerts, minimizing downtime and extending the system life.

Smart, reliable, and highly efficient, Sensi Hydro heat pumps redefine reliable and sustainable water heating solutions for your home.

200 LPH Heat Pump specifications

Category		Units	Product specifications
Model no.		-	CHP-T020X-PPC-D61
Compressor/ PCB		Type	Fixed speed
Unit dimensions	L x W x H	mm	810 x 303 x 590
Unit weight (Approx.)		Kg	60
Power supply		V/Hz/Ph	220V-240V/ 50Hz/ 1Ph
Refrigerant		Type	R-410A
Operating ambient temperature		°C	Heating: -5°C to 43°C
Max water temperature		°C	55°C
IP Rating		-	IPX4
Water heating	Capacity rated	kW	7.2
	Input power	kW	1.8
	COP	W/W	4
	Hot water Output volume	L/hr	200



Features

Environment friendly

- Delivers 4.0 COP @ rating condition; up to 70% reduction in energy consumption
- Zero ODP R-410A refrigerant
- Silent operation: 63 dBA
- Reduced energy bill due to minimum heat exchange loss between refrigerant and water in VSIT (vertical spiral inside tube) condenser

Performance in all conditions

- Delivers a maximum water temperature of 55°C for optimum comfort
- Features 4-way valve defrost technology to ensure hassle free operation in low ambient temperature

Sleek & compact design

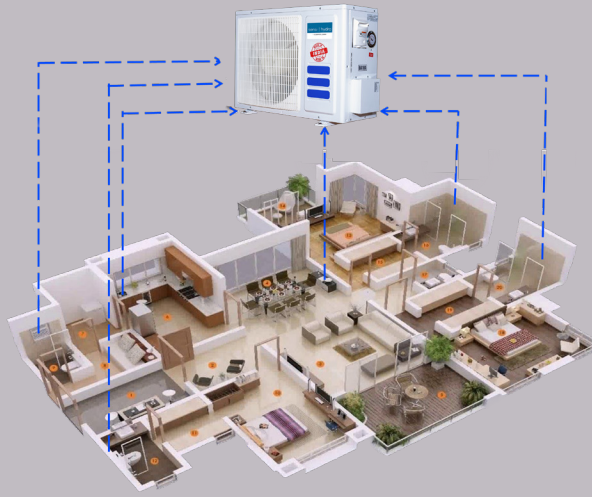
- Small footprint: Fits in 2.7 sq. ft. floor area
- Less than 2 feet height
- 60 Kg product weight; lowest in segment

User friendly & reliable operation

- Features a friendly interface with an intelligent controller and built-in water pump
- Includes a drain pipe connector to keep floors dry by efficiently removing condensate
- Equipped with comprehensive system protection, including compressor safeguards, circuit board fuse, temperature alarms, voltage protection, and HP/LP switches

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Smart water heating with Sensi Hydro heat pumps

In today's world of rising energy costs, Sensi Hydro heat pumps provide a smart, energy-saving solution for your hot water needs, helping you save up to 70% on energy expenses compared to conventional electric heating. By harnessing natural heat from the air, they reduce your carbon footprint while delivering hot water with exceptional efficiency.

Specifically designed for Indian conditions, Sensi Hydro heat pumps ensure year-round comfort and convenience, making them ideal for homes, businesses, and swimming pools. They maintain precise temperatures and provide continuous hot water. Equipped with hermetically sealed compressors, they are reliable, durable, and offer excellent value for money.

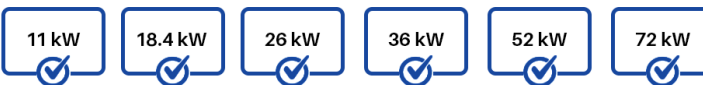
Why choose Copeland?

- **Comprehensive solutions** From a full range of heat pumps for residential buildings (3.5 kW to 7.2 kW), commercial buildings (11.2 kW to 72 kW) to a dedicated pool water heating lineup (13 kW to 86 kW), we offer tailored options for diverse needs.
- **Innovative technology** Equipped with advanced compressors and pure heat pump technology, our systems deliver top efficiency without auxiliary heating coils.
- **Proven performance** With 3,500+ installations in hotels, hospitals, and residential projects, our reliability is trusted nationwide.
- **Ongoing support** Authorized system integrators provide dependable service across India's major regions.

Residential heat pump for bungalow, villas, apartments



Commercial heat pump for hotels, hospitals, hostels, spa



Heat pump for swimming pools



*Check out the yellow box to see our offerings coming soon in 2025.

From homes to businesses, Copeland offers a wide range of heat pumps that deliver trusted efficiency and reliability.

To learn more, visit [copeland.com](https://www.copeland.com)

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