



KEY FEATURES:



Feroglas Coating Inner Container - For corrosion resistance



Heavy duty magnesium anode rod for corrosion protection



Ultra-thick superior cold rolled steel tank for high pressure applications



High density thick PUF insulation for maximum energy saving



Backup built-in 2 kW Incoloy glass heating element gives high efficiency at any conditions.



Rated pressure of 0.8 MPa - Ideal for high rise buildings



Micro channel heat exchanger for efficient heating



R32 efficient environment protection refrigerant.



Noise reduction design with silent operation .

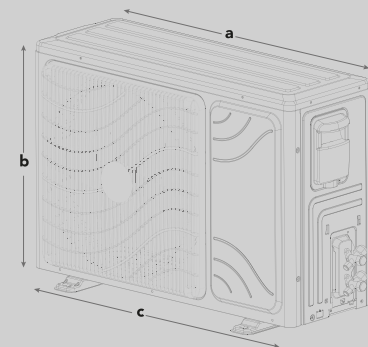


Smart Digital Controller for setting temperature with On & Off timer

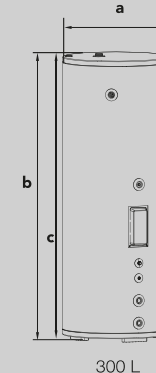
PRODUCT FEATURES:

1. It saves more than 75% energy as compared to the regular electric water heater. Water output temperature reaches up to 75 °C, with backup support from heating element.
2. The compressor gives high efficiency and low amplitude and makes it more efficient.
3. The EEV valve adjusts refrigerant flow rapidly and accurately, and gives faster heating with more energy saving.
4. Micro-channel heat exchanger provides larger contact area between water tank and heat exchanger, which allows larger heat exchange with higher efficiency.
5. The high density thick PUF insulation gives excellent insulation effect with less heat loss .

PRODUCT DIMENSION:



Product Dimensions - Outdoor Unit			
Capacity	A	B	C
300 L	870 mm	365 mm	560 mm



Product Dimensions - Indoor Unit			
Capacity	A	B	C
300 L	630 mm	1555 mm	1565 mm



All dimensions are in mm. Please refer to the figures above. Figures and diagrams are for illustrative purposes only.

TECHNICAL SPECIFICATION:

Model	HP 30 (300 L)	
Rated Voltage in Volt & Frequency in Hz	230 V, 1 Phase 50 Hz AC	
Electric shock Proof Grade	Class I	
Water proof level	IPX4	
Heat Pump	Rated Heating Capacity	3516 W
	Heating input power	940 W
	Heating input current	4.1 A
	Water yield	86 L / h
	Water yield with Heating Element	129 L / h
Electric Heater	Co - efficient of Performance	4
	Type	Electric Heater
	Rated Power Input	2000 W
	Rated Current	8.6 A
Default Water Outlet temperature		55 °C
Max. Water Outlet Temperature with Electric Heater		75 °C
Unit working condition with compressor (Ambient temperature in °C)		-4 °C ~ 43 °C
Unit working condition with Electric Heater (Ambient temperature in °C)		-20 °C ~ 43 °C
Refrigerant / weight		R32 / 670 g
Noise		52 dB
Rated current		13.6 A
Max. High Pressure		2.6 MPa
Max. Low Pressure		0.8 MPa
Water Tank Rated Pressure		0.8 MPa
Water Tank Max Pressure		1.2 MPa
Net weight indoor /outdoor		89 kg / 30 kg
Note:		
1. The specific parameters are subject to the product nameplate. Any changes will be made without notice		
2. Refer mechanical figure in this page in respect of dimensions in chart above.		

Terms & Conditions apply.

Install the stabilizer to avoid malfunctioning of the product.

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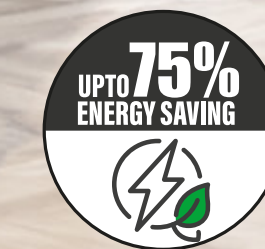


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Presenting the country's first
Made-in India, Air to Water Heat Pump
from the house of Havells.



**POWERING
THE HEAT PUMP
REVOLUTION,
THE HAVELLS' WAY!**



Ever worried about the wastage of energy when you turned on your electric water heater? Ever wondered if the water in your heater is enough for your bath? Well, with the all-new Havells Heat Pump; you can let go of all these worries and just get down to enjoying your bath. Heat Pump comes with the capacity to supply large quantities of warm water at only 1/4th the cost of normal water heaters.

WHAT IS A HEAT PUMP?

Think of it as a reverse refrigerator. It is a water heater that transfers heat from one place to another, instead of generating heat directly. Therefore, it is two to three times more energy efficient than conventional electric resistance water heaters.

HOW DOES IT OPERATE?

The heat pump is driven by electricity. It heats water by the heat transfer medium, which absorbs heat effectively from air, or the unusable low-grade heat from other low-temperature heat sources. It then compresses the heat to make usable high-grade heat and releases it into water. In this way, the unit supplies the user with sufficient hot water throttling device.



A CENTRALISED HEAT PUMP EFFICIENTLY PROVIDES HOT WATER FOR AN ENTIRE HOUSE, OFFERING A COST-EFFECTIVE AND ECO-FRIENDLY SOLUTION FOR RESIDENTIAL HEATING NEEDS.



1 = 1 + 3 ?

Air source heat pumps are driven by small amount of electricity, absorbing heat energy from the air to heat the cold water. The power consumption is about 1/4 of traditional water heater. It uses 1 unit of input power for 4 units of output (using 3 units from air) thus producing 4 times the input.

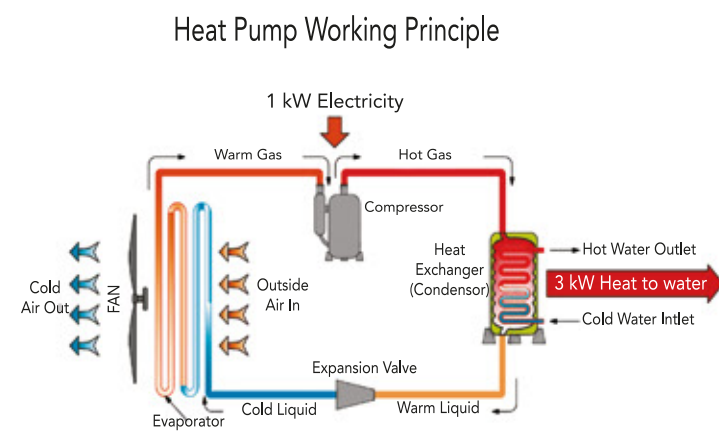
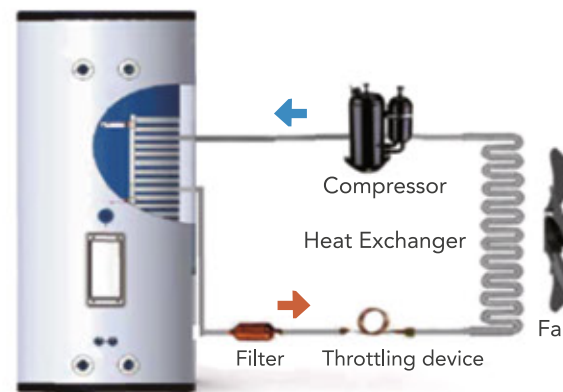
HEATING MODE:



ECO Heating mode : We can set the temperature up to 55 °C & is most effective mode for saving electricity



Fast Heating mode : Heating element & heat pump works simultaneously for temperature required up to 75 °C



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