



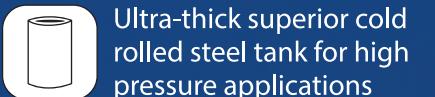
#### KEY FEATURES:



Feroglas Coating Inner Container - For corrosion resistance



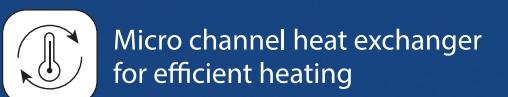
Heavy duty magnesium anode rod for corrosion protection



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



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



Micro channel heat exchanger for efficient heating



Noise reduction design with silent operation .



High density thick PUF insulation for maximum energy saving



Rated pressure of 0.8 MPa - Ideal for high rise buildings



R32 efficient environment protection refrigerant.

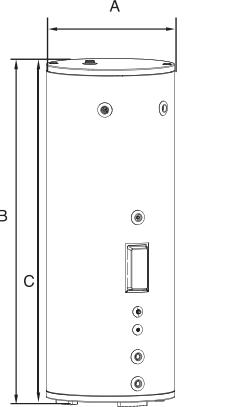
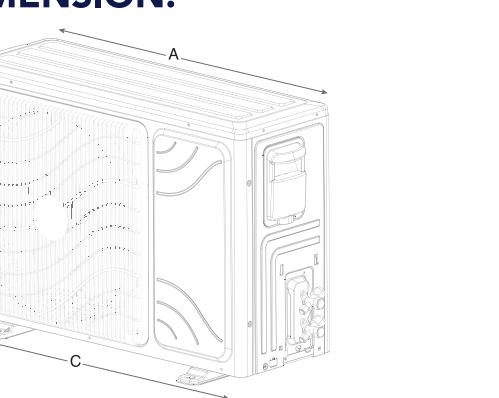


Smart Digital Controller for setting temperature with On & Off timer

#### 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      |
| 200 L, 300 L, 400 L & 500 L       | 870 mm | 365 mm | 560 mm |

| Product Dimensions - Heat Pump Tank Unit |        |         |         |
|--|--------|---------|---------|
| Capacity                                 | A      | B       | C       |
| 200 L                                    | 510 mm | 1670 mm | 1680 mm |
| 300 L                                    | 630 mm | 1555 mm | 1565 mm |
| 400 L                                    | 680 mm | 1695 mm | 1705 mm |
| 500 L                                    | 718 mm | 1832 mm | 1842 mm |

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

#### TECHNICAL SPECIFICATIONS:

| Model   | HP 20                   | HP 30                   | HP 40                   | HP 50                   |
|---|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Rated Capacity</b>   | <b>200 Litres</b>       | <b>300 Litres</b>       | <b>400 Litres</b>       | <b>500 Litres</b>       |
| Rated Voltage in Volt & Frequency in Hz                                 | 230 V, 1 Phase 50 Hz AC |
| Electric shock Proof Grade  | Class I                 | Class I                 | Class I                 | Class I                 |
| Water proof level   | IPX4                    | IPX4                    | IPX4                    | IPX4                    |
| <b>Heat Pump</b>  |                         |                         |                         |                         |
| Rated Heating Capacity  | 4018 W                  | 4018 W                  | 6068 W                  | 6068 W                  |
| Rated input power   | 980 W                   | 980 W                   | 1480 W                  | 1480 W                  |
| Rated input current   | 4.1 A                   | 4.1 A                   | 6.5 A                   | 6.5 A                   |
| Water yield   | 86 L / h                | 86 L / h                | 130 L / h               | 130 L / h               |
| Water yield with heating element  | 129 L / h               | 129 L / h               | 173 L / h               | 173 L / h               |
| Co-efficient of Performance   | 4.1                     | 4.1                     | 4.1                     | 4.1                     |
| <b>Electric Heater</b>  |                         |                         |                         |                         |
| Type  | Electric Heater         | Electric Heater         | Electric Heater         | Electric Heater         |
| Rated Power Input   | 2000 W                  | 2000 W                  | 2000 W                  | 2000 W                  |
| Rated Current   | 8.6 A                   | 8.6 A                   | 8.6 A                   | 8.6 A                   |
| Rated Wattage   | 2980 W                  | 2980 W                  | 3480 W                  | 3480 W                  |
| Max Rated Current (Auto Mode)   | 13.6 A                  | 13.6 A                  | 17.5 A                  | 17.5 A                  |
| Default Water Outlet temperature  | 55 °C                   | 55 °C                   | 55 °C                   | 55 °C                   |
| Max. Water Outlet Temperature with Electric Heater                      | 75 °C                   | 75 °C                   | 75 °C                   | 75 °C                   |
| Hot Water Temperature Set Range (Auto Mode)                             | 25 °C - 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             | R32 / 670 g             | R32 / 1.26 kg           | R32 / 1.26 kg           |
| Noise Level   | 52 dB                   | 52 dB                   | 57 dB                   | 57 dB                   |
| Water Tank Rated Presure  | 0.8 MPa                 | 0.8 MPa                 | 0.8 MPa                 | 0.8 MPa                 |
| Water Tank Max Pressure   | 1.2 MPa                 | 1.2 MPa                 | 1.2 MPa                 | 1.2 MPa                 |
| Net weight Heat Pump Tank /outdoor                                      | 82 kg / 30 kg           | 89 kg / 30 kg           | 106 kg / 36.2 kg        | 124 kg / 36.2 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 and previous page in respect of dimensions in chart above.
3. COP measurement tested under following conditions, Test Chamber Temperature 20 °C (Dry Bulb) / 15 °C (Wet Bulb), Inlet Feed Water Temperature 15 °C and Outlet Water Set Temperature 55 °C.

Install the stabilizer to avoid malfunctioning of the product.

Terms & Conditions apply.



**HAVELLS**

VIDEO QR

Scan to watch the product video



**HAVELLS ONE**

Scan to Download App



**HAPPINESS**

Get up to 3% Loyalty Points



**CARE 360**

ASSURANCE • REACH • EFFICIENCY

Customer Care No. : 08045 77 1313



**Reach us on +91-9711773333**

to activate warranty & avail service.

All trademarks used herein are property of their respective owners. Any use of third party trademarks is for identification purpose only and does not imply endorsement.



# CENTRALIZED WATER HEATING SYSTEM THAT SAVES ENERGY

Presenting the first-ever made-in-India  
**Heat Pump**

UPTO  
**75%**  
ENERGY  
SAVING\*



Available in : 200 L / 300 L / 400 L / 500 L



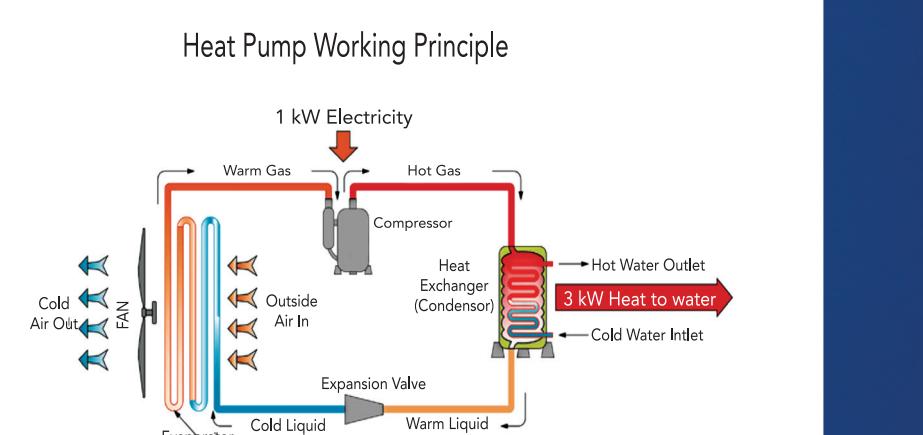
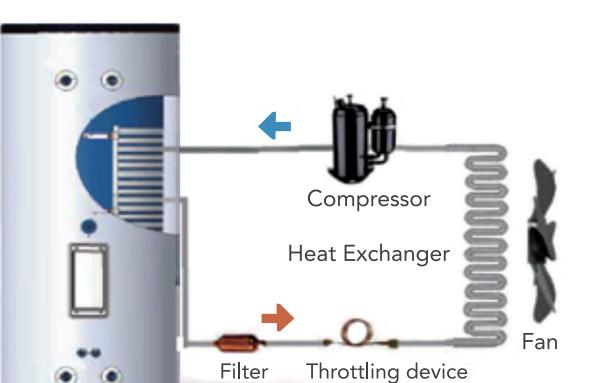
Ever worried about the wastage of energy when you turned on your electric water heater? Ever wondered if the water in your heater is enough for your bath? Well, with the all-new Havells Heat Pump; you can let go of all these worries and just get down to enjoying your bath. Heat Pump comes with the capacity 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 through a 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

