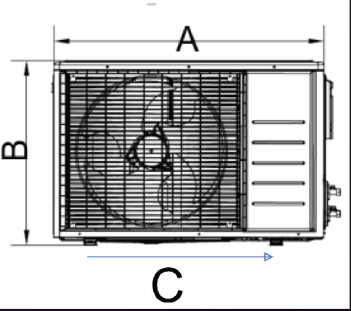
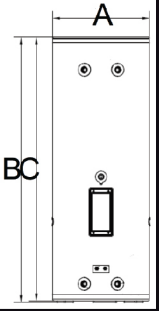


PRODUCT SPECIFICATION :



Product Dimensions - Outdoor Unit			
Capacity	A	B	C
200 L & 300 L	790 mm	545 mm	546 mm



Product Dimensions - Indoor Unit			
Capacity	A	B	C
200 L	600 mm	1645 mm	1634 mm
300 L	650 mm	1570 mm	1560 mm



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

TECHNICAL SPECIFICATIONS:

Model	HHP20(200 L)	HHP30(300 L)
Power Supply	220 V~240 V/-50 Hz	220 V~240 V/-50 Hz
Electric Shock Proof Grade	Class I	Class I
Water Proof Level	IPX4	IPX4
Heat Pump	Rated Heating Capacity	2600 W
	Heating Input Power	650 W
Heat Pump	Average Heating Input Current compressor	4.4 A
	Water Yield	56 L/h
Heat Pump	COP(W/W)	4
	Rated Power Input	1000 W
Heat Pump	Rated Current	4.5 A
	Type	Electric Heater
Electric Heater	Rated Power Input	2000 W
	Rated Current	9.1 A
Default Water Outlet Temperature		55 °C
Max. Water Outlet Temperature With Electric Heater		75 °C
Unit Working Condition		-7 °C~43 °C
Unit Working Condition With Electric Heater		-20 °C~43 °C
Refrigerant/Weight		R134a / 900 g
Noise		52 dB
Rated Current		13.6 A
Max. High Pressure		2.6 MPa
Max. Low Pressure		1.3 MPa
Water Tank Rated Pressure		0.8 MPa
Water Tank Max. Pressure		1 MPa
Net Weight Indoor/Outdoor		79 kg / 31 kg
Water Tank Dimension (Dia. X H) ( mm )		(ø600 X 1645) mm
Outdoor Unit Dimension ( mm )		(790 X 285 X 545) mm

Install the stabilizer to avoid malfunctioning of the product.

Terms & Conditions apply.



Heat Pump Water Heater  
*Now save energy with every bath*





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.

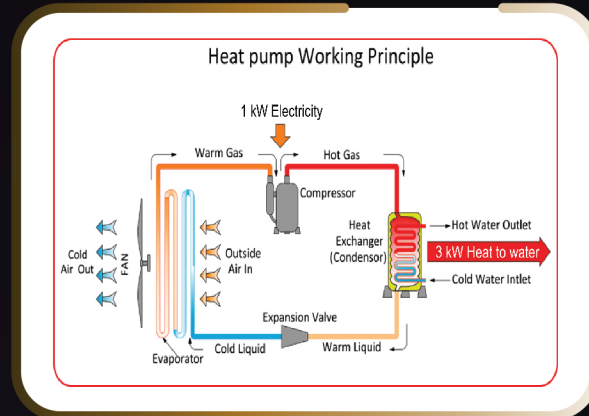
### WHAT IS A HEAT PUMP?

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 and space heating.

The Heat Pump consists of a top kit and a water tank. The top kit's main parts include a compressor, heat exchanger, throttling device, and a fan.



### NORMAL WATER HEATER VS HAVELLS HEAT PUMP



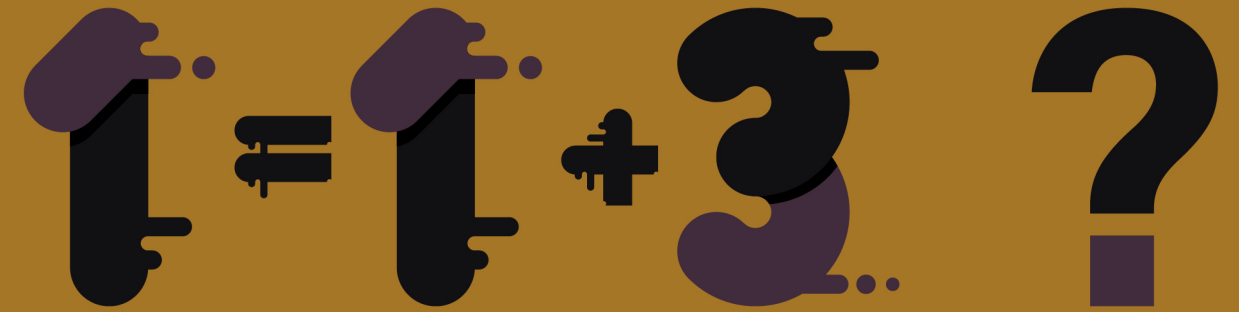
Electric water heaters are up to 90% efficient; whereas gas water heater efficiency reaches only up to 60%!



Havells Heat Pump uses only 1 unit of input power for 4 units of output (using 3 units from air), thus producing 4 times the output.

### SAFETY PRECAUTIONS:

1. Overhigh Exhaust Air Protection
2. Overcurrent Protection
3. Low Pressure Protection
4. Sensor Faulty Protection



Heat Pump Water Heaters use 1 unit of input power for 4 units of output (using 3 units from air); thus producing output 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

### KEY FEATURES:



**Vitreous Enamel coated tank-**  
Ideal for Hard water areas



**Heavy duty magnesium anode**  
rod for corrosion protection



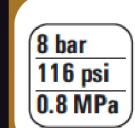
**Ultra-thick superior cold**  
rolled steel tank for high  
pressure applications



**High density 8 cm (80 mm)**  
thick PUF insulation for  
maximum energy saving



**Micro channel heat exchanger**  
for efficient heating



**Rated pressure of**  
0.8 MPa – Ideal for  
high rise buildings



**Multi – functional**  
safety valve



**Smart Digital Controller for**  
setting temperature with  
On & Off timer

### PRODUCT FEATURES:

1. It saves more than 70% energy as compared to the regular electric water heater. Water output temperature reaches up to 75 °C, with backup support from heating element.
2. World famous brand compressor gives high efficiency and low amplitude and makes it more silent.
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. 80mm thickness high density insulation gives excellent insulation effect with less heat leakage.
6. Micro powder ceramic coating and alloy low carbon steel plate provide good pressure resistance. It makes it difficult to deform, anti-rust, and safe for use.
7. The wire controller comes with an easy operation screen, which makes it easy to install inside the room.