



MAKING A DIFFERENCE

Capacities : 18 kW / 36 kW

UPTO  
**75%**  
ENERGY  
SAVING\*



# COMMERCIAL HEAT PUMP — WATER HEATER —

Smart and sustainable solution for Hotels,  
Hospitals, Hostels and More



# INTRODUCING OUR NEXT-GEN **COMMERCIAL HEAT PUMP**



Havells Commercial Heat Pump Water Heater is built to deliver **maximum heating with minimal energy use.**  
It lowers operating costs, ensures high-quality performance,  
and helps your institution stay future-ready.



***EFFICIENT.  
COMPACT.  
SUSTAINABLE.***



# WORKS LIKE A WONDER

The Havells Commercial Heat Pump works on a continuous cycle of capturing and transferring heat, ensuring hot water with less energy use.

This smart loop ensures steady hot water, lower energy consumption, and reliable performance for large-scale needs.

## 01

### COMPRESSION

Refrigerant gas is compressed, turning into a high-pressure, high-temperature vapour.

## 02

### HEAT EXCHANGE

This hot vapour passes through a condenser, transferring its heat to the water. The refrigerant cools down into a liquid, while the water heats up.

## 03

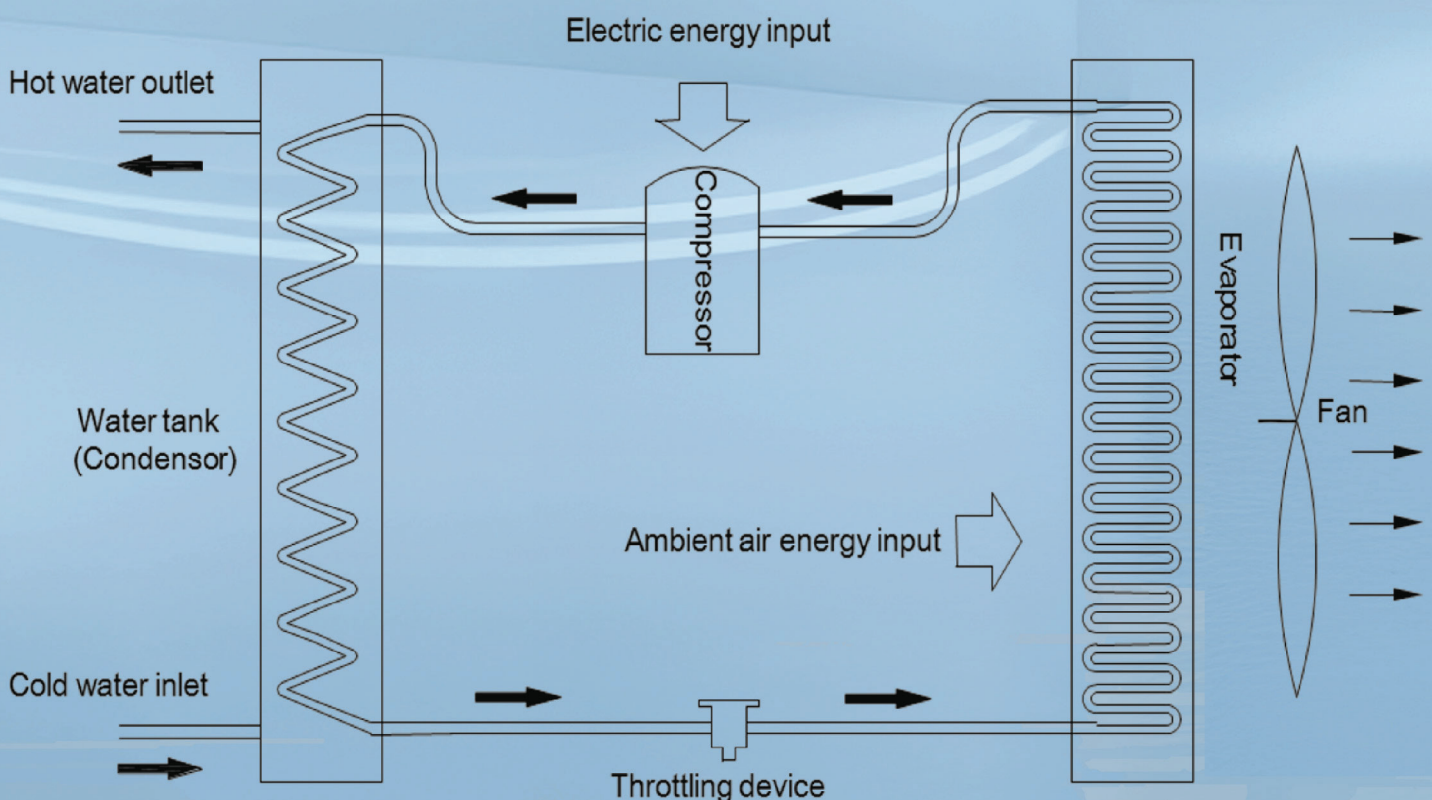
### EXPANSION

The liquid refrigerant passes through an expansion valve, dropping in temperature and pressure.

## 04

### EVAPORATION

Now at low pressure, the refrigerant absorbs heat from the surrounding air and turns back into vapour - ready to start the cycle again





# THE SHORTCUT TO SMARTER HEATING



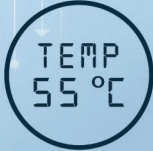
Eco-friendly  
R410A refrigerant



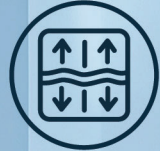
Up to 75% more  
energy savings



All-Weather Ready  
-15 °C ~ 43 °C range



Smart digital  
controller for  
setting temperature  
with on & off timer



Advance heat  
exchanger ensures  
the high COP and  
performance



Water  
temperature  
up to 55 °C





# DESIGNED FOR EVERY COMMERCIAL NEED

Fitness  
Centres



Hostels



Clinics &  
Hospitals



Hotels &  
Resorts



## POWER-PACKED FEATURES

Behind the durability of the Havells Heat Pump are features that make it easy to use, high-performing, and efficient.



Compact  
and easy



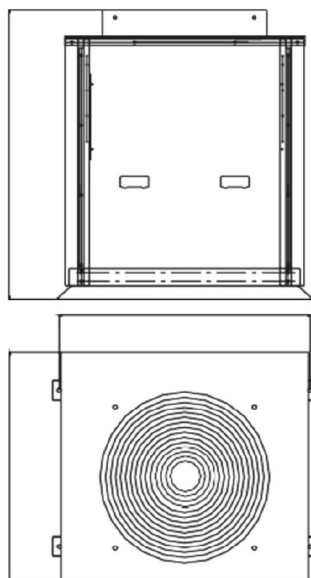
Environment  
Friendly



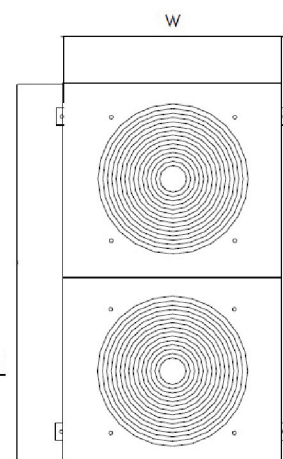
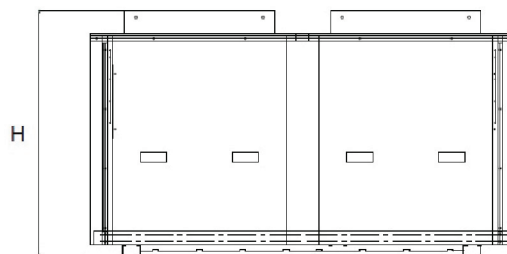
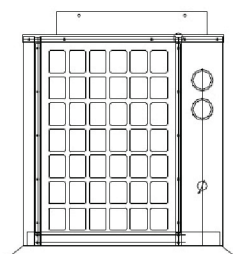
Low Ambient  
Temperature  
operation



## PRODUCT DIMENSION:



Model No. \ Size mm	L	W	H
CHP 18	752 mm	691 mm	1000 mm
CHP 36	1410 mm	748 mm	1000 mm



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

## TECHNICAL SPECIFICATIONS:

Model	CHP 18	CHP 36
Input Power Supply	380 - 415 V / 3 N ~ / 50 Hz	380 - 415 V / 3 N ~ / 50 Hz
Heating Capacity (kW)	18	36
Rated Input Power (kW)	4.2	8.3
Rated Current (A)	7.51	15.64
COP	4.26	4.4
Water Yield (L/h)	380	770
Max Power Input (kW)	7.2	13.9
Max Current (A)	12.9	24.85
Water Temp. Range (°C)	Default 55 °C, 28 °C~55 °C	Default 55 °C, 28 °C~55 °C
Working Temp. Range (°C)	-15 °C~43 °C	-15 °C~43 °C
Anti-Electric Shock Class	I	I
Water Proof Grade	IPX4	IPX4
Water Flow Volume (L/h)	4000	8000
Water Pressure Drop (kPa)	50	60
Compressor Type	Scroll	Scroll
Refrigerant Type	R410A	R410A
Refrigerant Qty.	2.7 kg	2 x 2.7 kg
Compressor Qty.	1	2
Fan motor Qty.	1	2
Color	Grey, Matte surface	Grey, Matte surface
Air Flow Direction (Vent)	Vertical	Vertical
Safety Features	Low Pressure & High-Pressure Sensors, Current & Voltage Sensor, Overheat Sensor, Tank Temperature Sensor, High Pressure Protection	Low Pressure & High-Pressure Sensors, Current & Voltage Sensor, Overheat Sensor, Tank Temperature Sensor, High Pressure Protection
Defrosting Option	Auto	Auto
Dimensions(L x W x H)	752 mm x 691 mm x 1000 mm	1410 mm x 748 mm x 1000 mm
Noise (dB)	≤ 60	≤ 65
Net Weight (kg)	160	259
Water Connection (mm)	25 (DN 25) M	32 (DN 32) F
Gross Weight (kg)	167	269
Packing Dimensions (L x W x H)	792 mm x 741 mm x 1151 mm	1460 mm x 798 mm x 1151 mm

### Note:

1. The specific parameters are subject to the product specifications. 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.



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the product video



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3% Loyalty Points



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