

# Haier

## Heat Pumps





## ***HIGH-EFFICIENCY AND ENERGY SAVING***

The technologically advanced Haier EIP+ series air source heat pump water heater features full inverter technology and micro-channel condenser, resulting in lower energy consumption and higher heating efficiency.

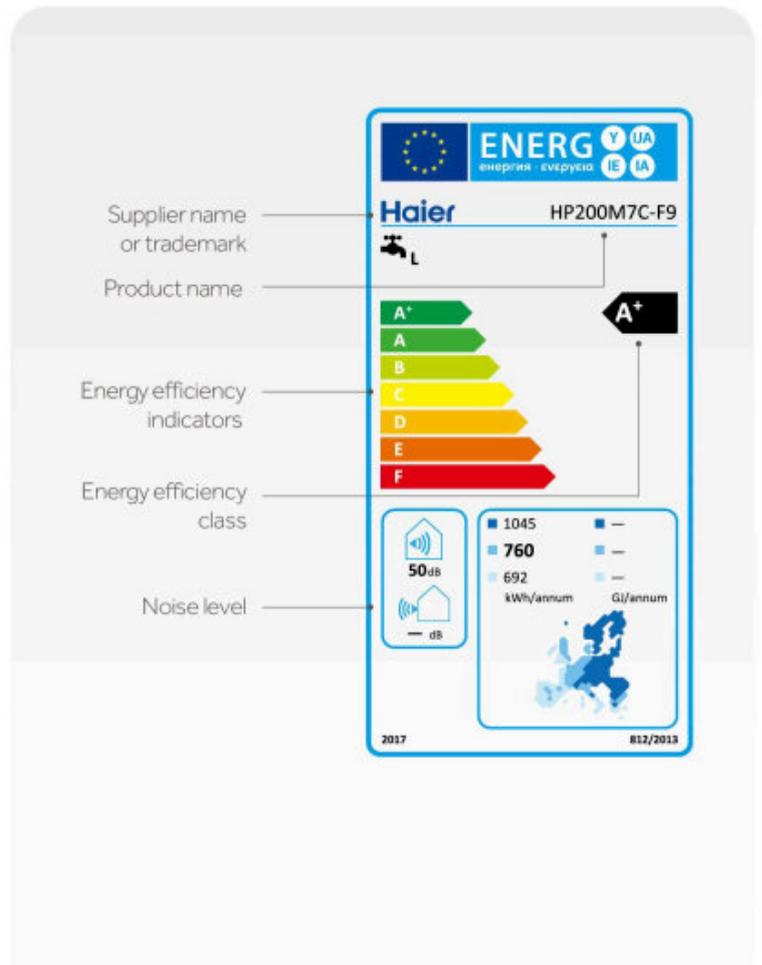


# EFFICIENCY

## 78% ENERGY SAVING

### High Efficiency, A+ ErP Energy Rating

Haier EIP+ series air source heat pump water heater achieves A+ energy rating, as illustrated in the product label.



### COP3.55\*, 78% Energy Saving

High efficiency means low energy costs, the Haier EIP+ series air source heat pump water heater can greatly reduce energy bills for users.

\*Tested at 14°C operating conditions  
Model: HP200M7C-F9





# HIGH QUALITY AND DURABLE

## High-quality Enamel Tank, Longer Service Time

High-quality enamel tank, featuring an exclusive design for water heaters, offers a longer service life and stable heating performance.



### Professional Quality

Haier has upgraded its enamel technology to enhance uniformity and create a high-density enamel tank that is resistant to corrosion, acid, alkali, and extremely durable.

### Advanced Formula

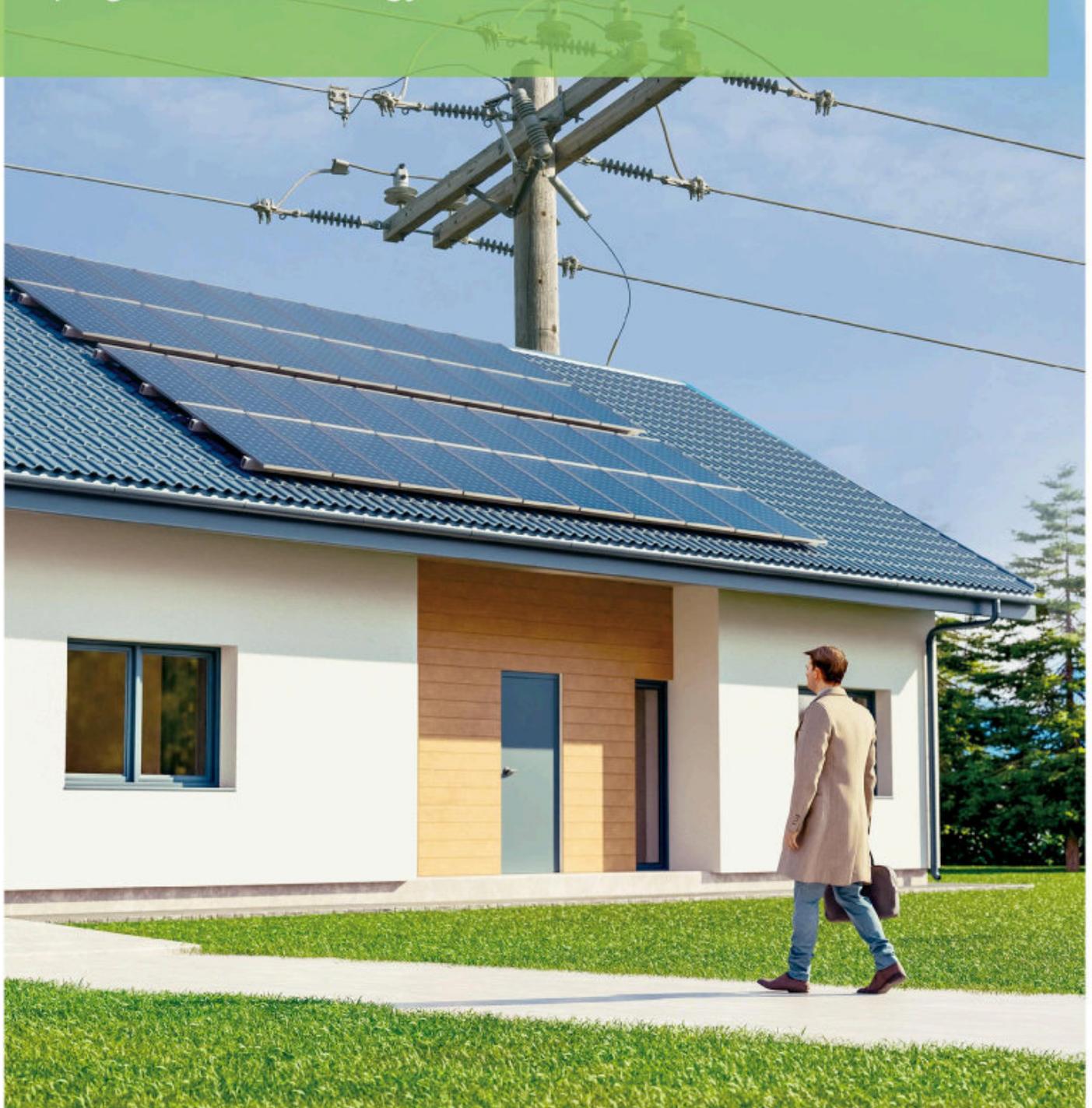
By using high-quality enamel powder (made in the USA) and upgrading the formula to eliminate the pinhole, the granule weight will be lighter and the anti-corrosion performance will be better.

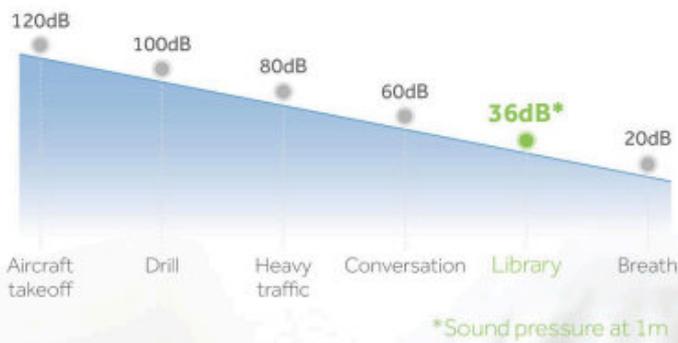
### Production Technology

The enamel material is melted at super high temperature, the enamel layer will isolate the water and steel plate to prevent rust and scale. The tank will have longer service life.

# ***POWER YOUR HOME THE SMART WAY SAVE ENERGY BILLS***

With its advanced capabilities, the multi-energy connected feature allows users to choose economical electrical energy, helping them save energy and reduce costs.





## ***A QUIET HOME, A COMFORTABLE LIFE***

Haier advanced features, including a full inverter system, a soundproof enclosure design, and a dedicated mute mode, guarantee whisper-quiet operation without compromising performance.



# COMFORTABLE LOW NOISE

Operating at 36dB\*,  
as Quiet as a Library



## SilentPlus Quiet Operation (Below 36dB\*)



### Full Inverter System

Inverter compressor and DC fan ensure smooth and low noise operation.



### Enhanced Soundproofing Material

Enhanced soundproofing effect through optimization of soundproofing material.



### Mute Mode

Set the time for mute operation, operate quietly during the night.

\*Sound pressure at 1m

# ***A NEW DEFINITION OF COMFORT CONTROL***

Home gets smarter, life gets simpler. Equipped with a TFT screen and smart connectivity, the Haier EIP+ series air source heat pump water heater offers superior comfort in an efficient and intuitive manner. Experience the joy of a smart life.





# SMART & CONVENIENT

## Connect and Control from Anywhere, Anytime

Haier EIP+ series air source heat pump water heater can be operated from your mobile devices via WiFi. With the hOn app, you can easily control the heat pump anytime from anywhere.



## hOn App: Your Smart Life Companion

Your appliance can be connected to your home wireless network and operated remotely using the app.



### Getting started

- 1 Ensure that your home WiFi network is turned on.
- 2 After startup, it will enter fast pairing mode without the need for manual operation.
- 3 If the connection is successful, the WiFi icon (📶) will always be on.

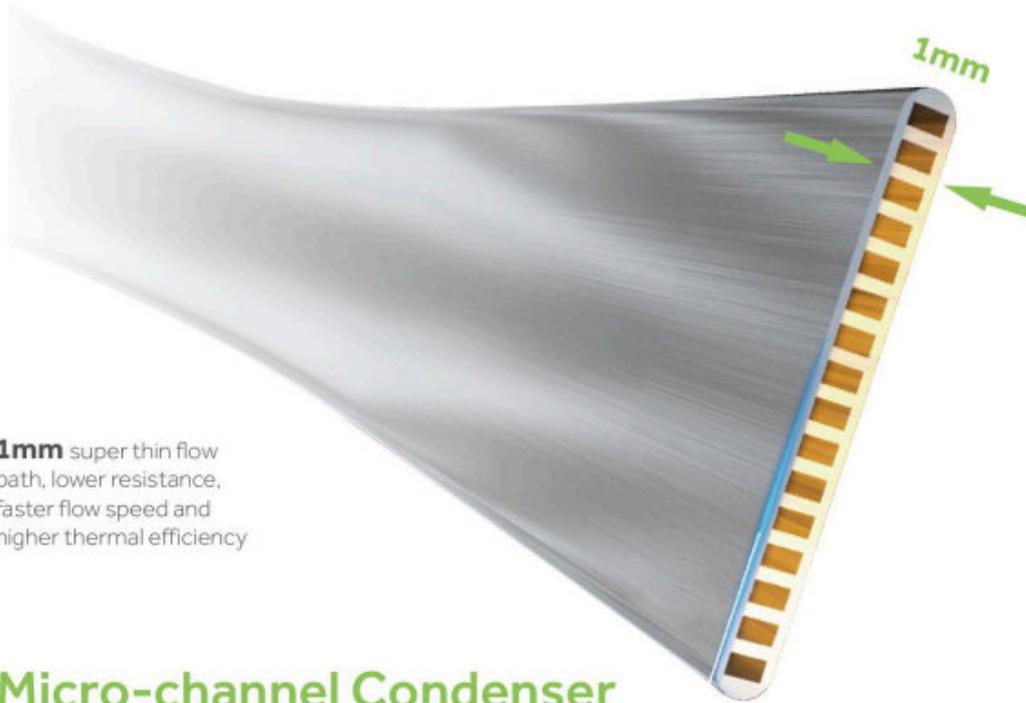
### On your mobile device

- 1 Download the app from <https://hon-smarthome.com/>.
- 2 Register and create an account.
- 3 Add your appliance and set up the WiFi connection.



# EFFICIENCY

## 78% ENERGY SAVING



**1mm** super thin flow path, lower resistance, faster flow speed and higher thermal efficiency

### Micro-channel Condenser Upgraded for R290 Refrigerant

The surface contact heat exchange area is larger, and the refrigerant is fully fed and heat is exchanged in a very small flow path, which greatly improves the efficiency of heat exchange compared to traditional heat exchangers.



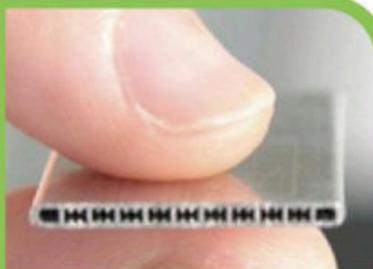
Improve performance



Increase heat transfer efficiency



Reduce power consumption



Multi-path design with multiple ultra-fine micro-channels in each path, enabling more efficient heat transfer while reducing flow resistance and lowering power consumption, resulting in a performance improvement.



The larger heat transfer surface area leads to an increase in heat transfer efficiency.



Uniform heating with temperature differences of within 4°C between the upper and lower layers, minimal stratification of hot water, outperforming copper pipe heat exchangers, and effectively reducing power consumption.

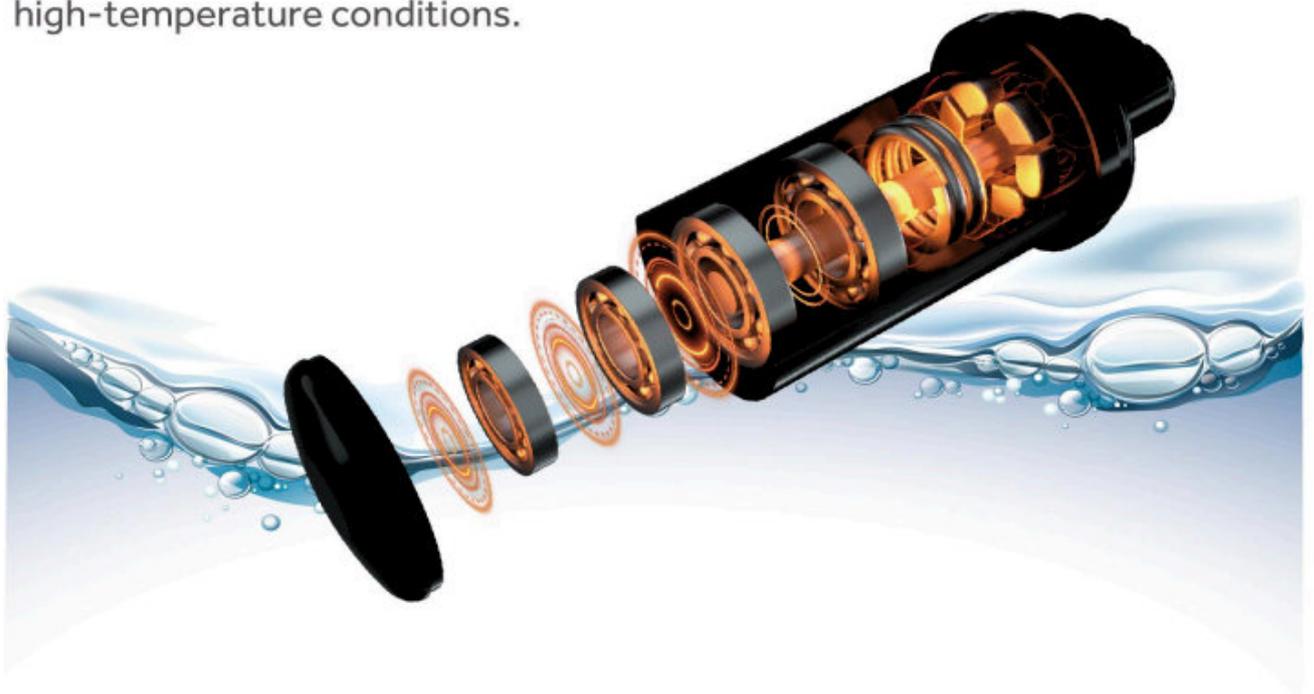


# EFFICIENCY

## 78% ENERGY SAVING

### Full Inverter Technology, Energy-Saving with Continuously Variable

The high-quality inverter compressor and DC fan, combined with integrated inverter drive module, significantly improve electrical energy utilization. The system dynamically adjusts input power based on unit operation, ensuring optimal energy efficiency at all times. It maintains stability even in low-temperature conditions and achieves even greater energy saving during high-temperature conditions.



#### Inverter Compressor



Adjusting input power based on the machine's operational status to achieve high energy efficiency.

#### DC Fan



Under the same air volume, the power of the DC fan is 40% to 50% lower than AC fan, making the system more energy-efficient.

# BRING ECOLOGY & EFFICIENCY TO A NEW LEVEL



Heat pumps utilize free and renewable energy from the outside air, resulting in cost savings for users while also reducing the environmental impact of carbon emissions. Compared to conventional electric storage water heaters, heat pumps can save up to 78% of energy for domestic hot water in households. This makes them suitable for both new build and renovated homes.

# ***GREEN FOR YOU AND THE EARTH***

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The new natural refrigerant, R290, is an environmentally friendly choice that reduces carbon emissions and contributes to the global goal of carbon neutrality.



## Hanging Monobloc Series ▼

HP80M8-9

HP110M8-9

HP150M8-9

HP80M5

HP110M5

HP150M5



## Split Series ▼

HP200S1

HP300S1





## Monobloc Series ▼

HP200M7-F9  
HP250M7-F9  
HP200M7C-F9  
HP250M7C-F9  
HP200M3  
HP250M3  
HP250M3C

## PRODUCT SERIES

Could match all requirements



## ***EASY INSTALLATION FOR YOUR PEACE OF MIND***

The installation of the Haier EIP+ series air source heat pump water heater is quick and easy, thanks to its innovative design.



# ALL IN ONE INTEGRATED



## Elegant Design

The pure white body is aesthetic and fashion, while the shield-shaped display symbolizes security and reliability.

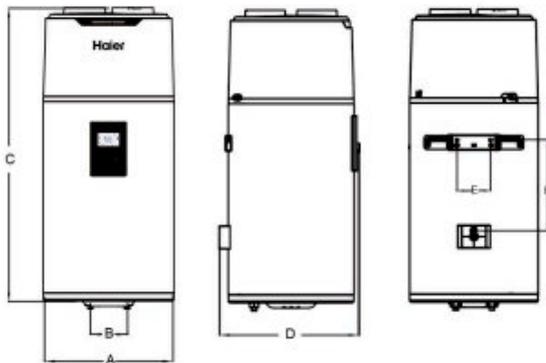
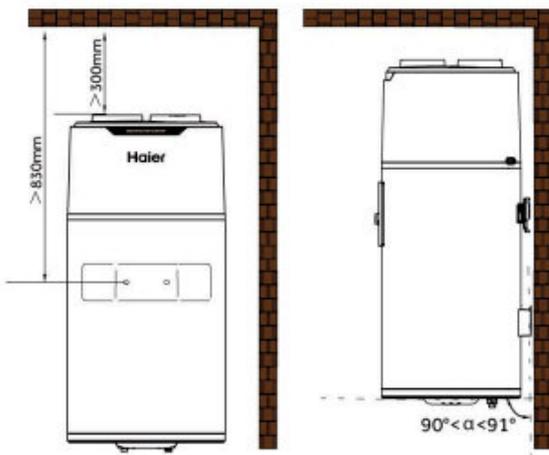


## Easy Installation

There is no need for additional refrigerant connection pipes or unnecessary pipelines, ensuring convenient installation.

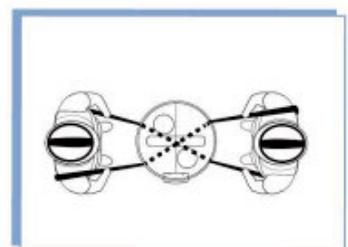


**A+**  
Energy Class



\*Dimensions (mm)

Model	A	B	C	D	E	F
HP80M8-9	492	140	1170	537	159	360
HP110M8-9	492	140	1320	537	159	360
HP150M8-9	492	140	1680	537	159	470



Lift the heat pump by two persons.

# HP80M8-9 HP110M8-9 HP150M8-9



R290



Micro-channel  
Condenser



Up to 65°C



Dual Power  
Heat



Child Lock



36dB



hOn App

Model	HP80M8-9	HP110M8-9	HP150M8-9
<b>Tank</b>			
Tank volume(L)	82	102	149
Rated voltage/frequency(V/Hz)	220-240/50	220-240/50	220-240/50
Tank rated pressure(MPa)	0.8	0.8	0.8
Corrosion protection	Magnesium rod	Magnesium rod	Magnesium rod
Water proof grade	IPX4	IPX4	IPX4
<b>Performances</b>			
Type of extraction	Ambient/Exterior	Ambient/Exterior	Ambient/Exterior
COP@7°C/EN16147	2.91	2.79	3.03
COP@14°C/EN16147	3.07	3.32	3.39
Tapping cycle	M	M	L
Power input by electric backup	1200	1200	1200
Rated power input by heat pump(W)	250	250	250
Maximum power input by heat pump(W)	370	370	370
Maximum power input(W)	1570	1570	1570
Standby power input/Pes(W)	15.3	18.7	22.5
Max volume of usable hot water at 40°C setting at 55°C(L)	103.8	128.3	190
Heating up time (7°C)(h)	4.44	5.64	8.62
Heating up time (14°C)(h)	3.8	4.79	7.18
Default temperature setting(°C)	55	55	54
Temperature setting range-with heater(°C)	35-75	35-75	35-75
Maximum length of air duct(m)	36	36	36
Diameter of air duct connection(mm)	160	160	160
Max air quantity(m <sup>3</sup> /h)	375	375	375
Max working pressure of refrigerant(MPa)	1.0/3.3	1.0/3.3	1.0/3.3
Refrigerant type/weight(kg)	R290/0.12	R290/0.12	R290/0.12
Noise power dB(A)	50	50	50
Ambient temperature for use of product(°C)	-7-45	-7-45	-7-45
Operating temperature of heat pump(°C)	-7-45	-7-45	-7-45
<b>Dimension and connections</b>			
Water inlet and outlet connection	R1/2" M Large Flow	R1/2" M Large Flow	R1/2" M Large Flow
Safety valve connection	R1/2" M	R1/2" M	R1/2" M
Drain&Water inlet connection	R1/2" M	R1/2" M	R1/2" M
Product dimensions W/D/H(mm)	492*547*1184	492*547*1334	492*547*1694
Packing dimensions without pallet W/D/H(mm)	587*587*1247	587*587*1397	587*587*1764
Packing dimensions with pallet W/D/H(mm)	/	/	587*587*1894
Net/Gross weight(kg)	51/58	54/62	64/83

\*The COP and noise level data was tested in Haier lab.

The COP values obtained with external air temperature of 7°C and 14°C, inlet water temperature of 10°C and set temperature of 55°C (according to EN 16147).





## HP80M5 HP110M5 HP150M5



PV

Under Photovoltaic system, you can set the product to optimize use of electricity produced



Easy to Install

Plug and play like electric water heater, easy to install and replace



ECO

Work under low tariff hours to save more electricity cost



Micro-channel Condenser

The micro-channel condenser has larger contact surface for better heat transfer performance



Fast Heating

Powerful compressor contribute to shorter heating up time



Slim Body

Slim body design saves space



Smart Vacation



Smart Boost



Eco Comfort



ABT



Anti-freeze



Intelligent Defrost Module

### COMFORT

- Heat pump can heat the water to 65°C
- Heat the water one time by 65°C every 7 days to sterilize legionella
- The noise is only 48.7dB
- 1200W standby power to meet the emergency DHW need

### EFFICIENCY&ENERGY SAVING

- COP is up to 3.58
- A+ energy class
- Smart defrost to increase thermal efficiency
- Working temperature: -7°C-45°C
- Micro-channel condenser

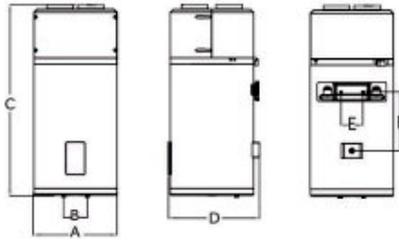
### QUALITY

- Magnesium anode protection
- Titanium enamel steel tank
- 40 mm PUF insulation

### EASY OPERATION/MULTI-MODE OPTIONS

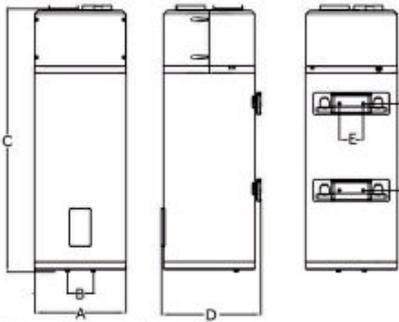
- Auto mode:** heat pump can supply DHW anytime and electric heating element will auto work over heating time
- ECO mode:** heat pump supply DHW based on set time or electric signal (PV/HC/SG)
- ELEC mode:** only electric heating element is heating water
- Vacation mode:** saving energy by putting unit in a sleep mode under vacation





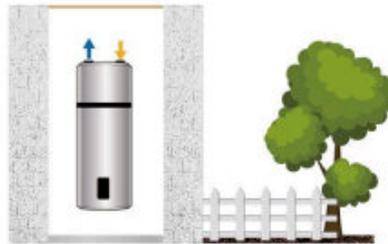
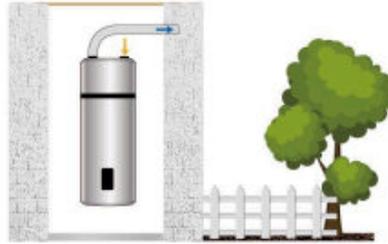
\*Dimensions (mm)

Model	A	B	C	D	E	F
HP80M5(EU)	492	140	1170	537	159	362
HP110M5(EU)	492	140	1320	537	159	362



\*Dimensions (mm)

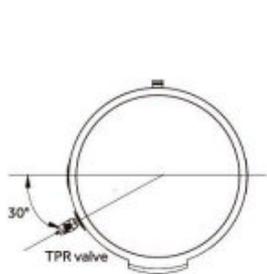
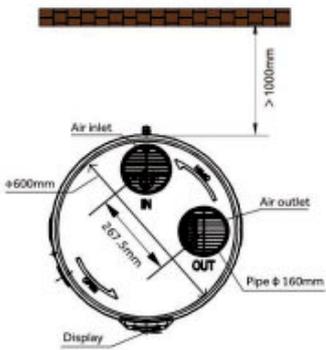
Model	A	B	C	D	E	F
HP150M5(EU)	492	140	1680	537	159	470



S/N	Description
1	Air grille
2	Electronic expansion valve
3	Four-way-valve
4	Evaporator
5	Compressor
6	Drain pan
7	Support plate
8	Cover for display
9	Micro channel condenser

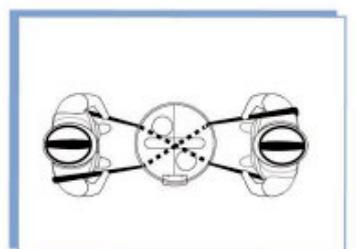
Model	HP80M5	HP110M5	HP150M5
Installation	Vertical wall-hung/ducted	Vertical wall-hung/ducted	Vertical wall-hung/ducted
Tank volume (L)	82	102	149
Rated voltage/ frequency (V/Hz)	220-240/50	220-240/50	220-240/50
Tank rated pressure (bar)	8	8	8
Extra exchanger design / area	No	No	No
Corrosion protection	Magnesium anode	Magnesium anode	Magnesium anode
Water proof grade	IPX4	IPX4	IPX4
<b>Assembled System</b>			
Electric backup power (W)	1200	1200	1200
Average input - heat pump only(W)	240	240	240
Maximum input- heat pump only(W)	350	350	350
Maximum power input (W)	1550	1550	1550
Default temperature setting (°C)	55	55	55
Temperature setting range with heater (°C)	35-75	35-75	35-75
Temperature setting range heat pump only (°C)	35-65	35-65	35-65
Refrigerant type / Weight (kg)	R134a/0.45	R134a/0.45	R134a/0.46
Ozone Depletion Potential (ODP)	0	0	0
Global Warming Potential (GWP)	1430	1430	1430
Noise power dB(A)	50	50	50
Working temperature - heat pump only (°C)	-7-45	-7-45	-7-45
Working temperature - system (°C)	-7-45	-7-45	-7-45
<b>Performance</b>			
Type of extraction	Exterior	Exterior	Exterior
COP@7 °C (EN16147)	2.86	2.74	3.14
COP@14 °C (EN16147)	3.17	3.19	3.58
Heating up time (h) (@7°C)	4h58	6h35	10h29
Heating up time (h) (@14°C)	4h09	5h23	8h28
Tapping cycle (EN16147)	M	M	L
Standby power input/ Pes(W) (@7°C)	20	20	21
Maximum volume of usable hot water (L) V40 (EN16147)	109	137	193
Water heating energy efficiency class (ERP)	A+	A+	A+
<b>Dimensions and connections</b>			
Water outlet connection	G1/2" M	G1/2" M	G1/2" M
Water inlet & Drain connection	G1/2" M	G1/2" M	G1/2" M
Safety valve connection	G1/2" M	G1/2" M	G1/2" M
Product Dimensions (D*W*H mm)(tank unit/external unit)	492*537*1170	492*537*1320	492*537*1680
Packing dimensions(D*W*H mm)(tank unit/external unit)	587*587*1247	587*587*1397	587*587*1764
Gross weight (kg)	59	64	89
Net weight(kg)	51	55	67
Load qty.40HQ	160	80	80

**A+**  
Energy Class



\*Dimensions (mm)

Model	A	B	C	D
HP200M7-F9	620	270	980	1694
HP250M7-F9	620	270	1275	1989
HP200M7C-F9	620	270	980	1694
HP250M7C-F9	620	270	1275	1989



Lift the heat pump by two persons.

# HP200M7-F9 HP250M7-F9

## HP200M7C-F9 HP250M7C-F9



R290



Micro-channel  
Condenser



Up to 65°C



Dual Power  
Heat



Child Lock



36dB



hOn App

Model	HP200M7-F9	HP200M7C-F9	HP250M7-F9	HP250M7C-F9
<b>Tank</b>				
Total cylinder capacity(L)	194	185	246	240
Rated voltage/frequency(V/Hz)	220-240/50	220-240/50	220-240/50	220-240/50
Tank Max pressure(kPa)	700	700	700	700
Thermal insulation(mm)	50	50	50	50
Corrosion protection	Magnesium rod	Magnesium rod	Magnesium rod	Magnesium rod
Insulation protection rating	IPX4	IPX4	IPX4	IPX4
<b>Performances(7°C/6°C ambient air temperature, 10°C/55°C water temperature)</b>				
COP@7°C(EN16147)	3.268	3.24	3.21	3.27
COP@14°C(EN16147)	3.5	3.55	3.45	3.45
Max air quantity(m <sup>3</sup> /h)	710	710	710	710
Power input by electric backup(W)	1500	1500	1500	1500
Rated power input by heat pump(W)	320	320	320	320
Maximum power input by heat pump(W)	535	535	535	535
Maximum power input(W)	2035	2035	2035	2035
Heating water capacity(L/h)	24	24	24	24
Heating up time(10°C/55°C)@7°C(h)	7.8	6.71	10.51	10.09
Default temperature setting(°C)	65	65	65	65
Temperature setting range-with heater(°C)	35-75	35-75	35-75	35-75
Maximum temperature output for the heat pump only(°C)	65	65	65	65
Refrigerant type/weight(kg)	R290/0.15	R290/0.15	R290/0.15	R290/0.15
Noise power dB(A) @7°C(in)	50	50	50	50
Sound pressure at 1m(dB)	36	36	36	36
V40 @7°C(L)	234	229	313	314.4
Ambient temperature of heat pump(°C)	-7-45	-7-45	-7-45	-7-45
<b>Dimension and connections</b>				
Water inlet and outlet connection	Rp 3/4 Large Flow			
TPR valve connection	Rp 3/4	Rp 3/4	Rp 3/4	Rp 3/4
Drain & water inlet connection	Rp 3/4	Rp 3/4	Rp 3/4	Rp 3/4
Product dimensions(mm)	600*620*1694	600*620*1694	600*620*1989	600*620*1989
Packing dimension with pallet(mm)	736*695*1940	736*695*1940	736*695*2250	736*695*2250
Net/gross weight(kg)	87/110	97/120	99/122	108/132
Filled weight of the appliance(kg)	281	282	345	348

\*The COP and noise level data was tested in Haier lab.

The COP values obtained with external air temperature of 7°C and 14°C, inlet water temperature of 10°C and set temperature of 55°C (according to EN 16147).





## HP200M3 HP250M3 HP250M3C



Under Photovoltaic system, you can set the product to optimize use of electricity produced



You can choose the heat pump to heat water under off-peak period to save cost



High Efficiency Condenser

Micro channel and bottom coil heat exchanger with bigger contact surface to heat the water by whole tank. The thermal efficiency will increase dramatically



Fast Heating

Powerful compressor contribute to shorter heating up time



Solar or Boiler Combination

HP 250M 3C have a coil exchanger, can be connected with solar water heaters or gas boiler as backup power to maximum the energy saving



Vacation Mode



Smart Boost



Eco Comfort



Anti-freeze



Auto Defrost



ABT



Duct Installation

### HIGH EFFICIENCY/ECONOMY

- A+ Energy Class
- COP is up to 3.56
- Multiple Energy Source Capability (HP250M3C only)
- High Performance Compressor
- Micro-Channel Condenser
- 50mm PUF Insulation
- -7°C-45°C wide working temperature range

### EASY OPERATION/MULTI-MODE OPTIONS

- **Auto mode:** heat pump can supply DHW anytime and electric heating element will auto work over heating time
- **ECO mode:** heat pump supply DHW based on set time or electric signal (PV/HC)
- **Vacation mode:** saving energy by putting unit in a sleep mode on vacation

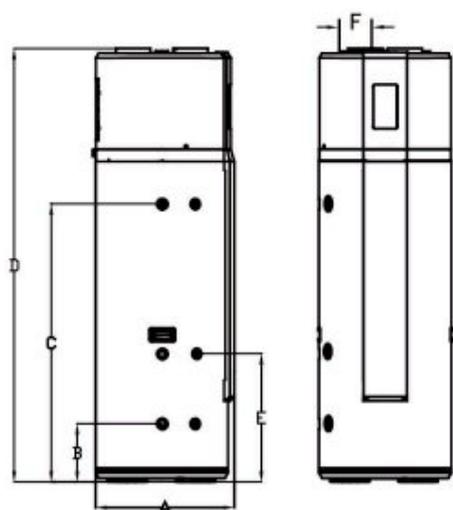
### EASY INSTALLATION

As a monoblock heat pump water heater, it can be easily installed to replace a traditional electric storage water heater with requiring gas connection. Compared with the split heat pump water heater, a monoblock is more flexible on choosing installation locations and saving installation cost! When installed in locations such as unfinished basement, a monoblock provides cooling

### HEALTHY

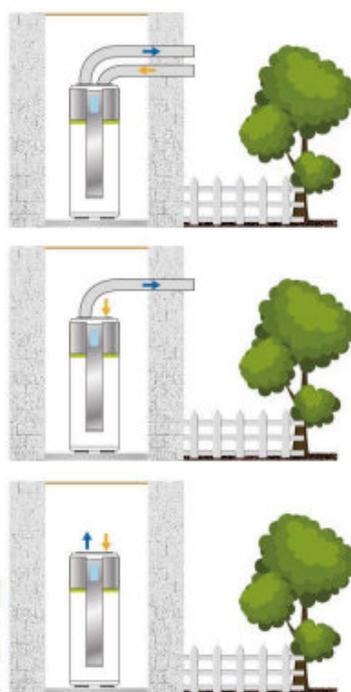
For every 7 days, the ABT feature will raise tank water temperature to 65°C, to sanitize inner tank by killing 99% bacteria. Enjoy clean and healthy shower water with this automatic anti-bacteria technology





\*Dimensions (mm)

Model	A	B	C	D	E	F
HP200M3(EU)	629	270	980	1692	180	180
HP250M3(EU)	629	270	1275	1987	180	180
HP200M3C(EU)	629	270	1275	1987	590	180



Model	HP200M3	HP250M3	HP250M3C
Tank volume (L)	195	246	240
Rated voltage/ frequency (V/Hz)	230/50	230/50	230/50
Tank rated pressure (bar)	7	7	7
Extra exchanger design / area	No	No	1m <sup>2</sup>
Corrosion proof	Magnesium anode	Magnesium anode	Magnesium anode
<b>Assembled System</b>			
Electric backup power (W)	1500	1500	1500
Average input - heat pump only(W)	495	495	495
Maximum input- heat pump only(W)	865	865	865
Maximum power input (W)	2365	2365	2365
Default temperature setting (°C)	55	55	55
Temperature setting range with heater (°C)	35-75	35-75	35-75
Temperature setting range heat pump only (°C)	35-65	35-65	35-65
Refrigerant type / Weight (kg)	R134a/0.9	R134a/0.9	R134a/0.9
Noise power db(A)	57	58	59
Working temperature - system (°C)	-7-45	-7-45	-7-45
<b>Performance</b>			
Type of extraction	Ambient / Exterior	Ambient / Exterior	Ambient / Exterior
COP@7 °C (EN16147)	3.04	3.02	3.1
COP@15 °C (EN16147)	3.39	3.41	3.56
Tapping cycle (EN16147)	L	L	L
Standby power input/ Pes(W)	27	27	27
Vmax	224	311	332
Heating up time (h) (@7°C)	5h30	7h21	6h55
Heating up time (h) (@15°C)	4h41	6h10	6h
<b>Dimensions and connections</b>			
Product Dimensions (D*W*H mm)-Tank	600*629*1692	600*629*1987	600*629*1987
Packing dimensions (D*W*H mm)-Tank	736*695*1940	736*695*2250	736*695*2250
Gross weight (kg)-Tank/external unit	103	116	132
Net weight (kg)-Tank/external unit	91	102	119
Load qty.40HQ	51	51	51



## HP200S1 HP300S1



Micro-channel  
Condenser

Micro channel and bottom coil heat exchanger with bigger contact surface to heat the water by whole tank. The thermal efficiency will increase dramatically



Fast Heating

Powerful compressor contribute to shorter heating up time



Eco Comfort

Under Eco mode, water is heated by heat pump exclusively to maximize efficiency and economy



Intelligent  
Defrost Module

Monitors the operating temperature through multi-touch sensors and performs intelligent defrost on demand to prevents invalid operation. It is more effective and energy-saving than scheduled defrost

### HIGH EFFICIENCY/ECONOMY

- ◆ A+ Energy Class
- ◆ COP is up to 3.8
- ◆ High Performance Compressor
- ◆ Micro-Channel Condenser
- ◆ 50mm PUF Insulation
- ◆ -7°C-45°C wide working temperature range

### EASY OPERATION/MULTI-MODE OPTIONS

- ◆ **Auto mode:** heat pump can supply DHW anytime and electric heating element will auto work over heating time
- ◆ **ECO mode:** heat pump supply DHW all the time, the electric heating element only is working in off-peak period
- ◆ **ECO+ mode:** heat pump only supply DHW in off-peak period and electric heating element is working in off-peak period
- ◆ **Vacation mode:** saving energy by putting unit in a sleep mode on vacation

### MORE HOT WATER

- ◆ 200L & 300L Capacity
- ◆ Maximum Volume of Usable Hot Water (L) V40 (EN16147) is Up to 382L (HP300S1)
- ◆ Maximum Water Temperature with Heat Pump Only is Up to 65°C

### QUICK HEATING

- ◆ Under boost mode, heat pump and electric heating element (2150W power) will work together to supply DHW quickly
- ◆ Heating 300L of water only takes 4h45min (@7°C)



Quiet Operation



High Efficiency



Anti-freeze



Auto Defrost



ABT

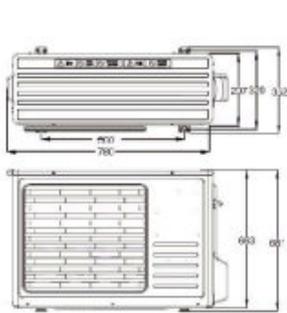


Vacation Mode



Smart Boost





\*Dimensions (mm)

Model	a1	b1	c1	d1
HP200S1(EU)	1765	512	522	1270
HP300S1(EU)	1795	600	610	1242



Model	HP200S1	HP300S1
Model (tank unit)	TS200HE-S1	TS300HE-S1
Model (external unit)	UE1.0-S1	UE1.5-S1
Tank volume (L)	195	293
Rated voltage/ frequency (V/Hz)	230/50	230/50
Tank rated pressure (bar)	8.5	8.5
Extra exchanger design / area	No	No
Corrosion protection	Magnesium anode	Magnesium anode
Water proof grade	IPX4	IPX4
<b>Assembled System</b>		
Electric backup power (W)	2150	2150
Average input - heat pump only(W)	665	850
Maximum input- heat pump only(W)	1000	1350
Maximum power input (W)	3150	3500
Default temperature setting (°C)	55	55
Temperature setting range with heater (°C)	35-75	35-75
Temperature setting range heat pump only (°C)	35-65	35-65
Refrigerant type / Weight (kg)	R134a/1.3	R134a/1.5
Ozone Depletion Potential (ODP)	0	0
Global Warming Potential (GWP)	1430	1430
Noise power dB(A)	64	64
Working temperature - heat pump only (°C)	-7-45	-7-45
Working temperature - system (°C)	-7-45	-7-45
<b>Performance</b>		
Type of extraction	Exterior	Exterior
COP@7 °C (EN16147)	3.09	3.2
COP@14 °C (EN16147)	3.54	3.8
Heating up time (h) (@7°C)	4h03	4h45
Heating up time (h) (@14°C)	3h32	3h49
Tapping cycle (EN16147)	L	XL
Standby power input/ Pes(W) (@7°C)	28	29
Maximum volume of usable hot water (L) V40 (EN16147)	245.1	382.6
Water heating energy efficiency class (ERP)	A+	A+
<b>Dimensions and connections</b>		
Water outlet connection	G3/4°F	G3/4°F
Water inlet & Drain connection	G3/4°F	G3/4°F
Safety valve connection	G3/4°F	G3/4°F
Product Dimensions (D*W*H mm)(tank unit/external unit)	544*512*1765/899*352*681	632*600*1795/899*352*681
Packing dimensions(D*W*H mm)(tank unit/external unit)	676*636*1927/960*425*735	737*696*1958/960*425*735
Gross weight (kg)	89/44	112/48
Net weight (kg)	77/41	98/44
Load qty.40HQ	59	51



# INSTALLATION INSTRUCTIONS

## M7 series installation guideline



Installation in an unheated room  $>15\text{m}^2$



Installation with 2 ducts to the outside



Installation with 2 ducts to an unheated room  $>15\text{m}^2$

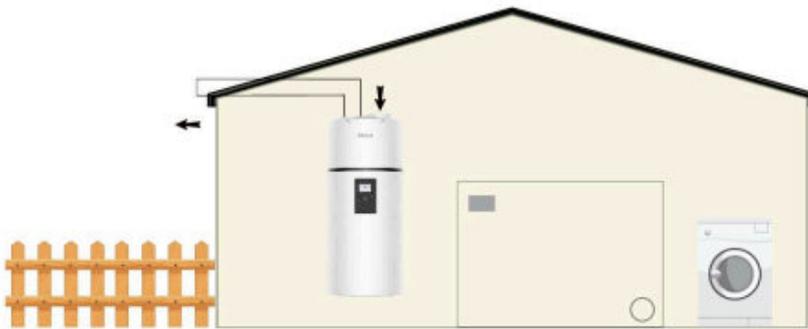
 How to select a heat pump water heater	Heater Capacity	Application Recommendation
	200	   
	200	 
	250	  

**Note:** Assume the temperature of mixed water is  $40^{\circ}\text{C}$ , while the output hot water is heated to  $75^{\circ}\text{C}$

## M8 series installation guideline



Garage or laundry room (without ducts)



Laundry room (with one duct)



Habitable room or outside air (with two ducts)

 How to select a heat pump water heater	Heater Capacity	Application Recommendation
	80	 
	80	
	110	  
	110	 
	110	
	150	  
	150	 

Note: Assume the temperature of mixed water is 40°C, while the output hot water is heated to 75°C

## M5 series installation guideline-Wind Pipe

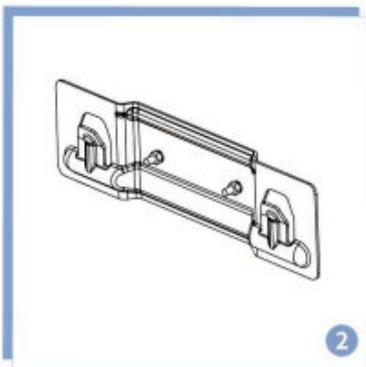


- 1 Air duct  $\Phi$ 160 mm
- 2 90° elbow
- 3 Duct connector - (set of 2)
- 4 Strainer  $\Phi$ 160 mm

## M5 series installation guideline-Bracket



Select the installation wall (the load-bearing wall can bear at least 200kg), and drill two expansion screw holes on the wall, the distance between the expansion screw holes is 159mm



Align the expansion screws with the mounting holes on the wall plate, tighten the expansion bolts and nuts, and the wall plate is installed



Lift the heat pump by two persons

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