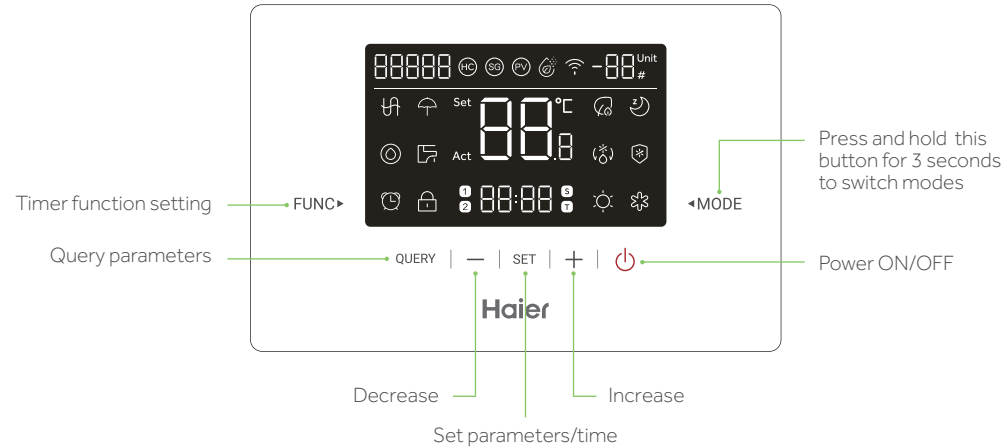


USER-FRIENDLY

Easy Interaction, More Intuitive Experience



Electric Auxiliary Heating

Electric auxiliary activated, maximum heating reaches 75°C



Return Water Function

When the return water function is activated, this icon will light up



Timer Mode

When the timer starts, this icon will light up



Vacation Mode

While the system is in Vacation Mode, this icon will light up



Domestic Hot Water Mode

While the system is in Domestic Hot Water Mode, this icon will light up



Child Lock

Lock the screen, providing added safety



Energy-saving Mode

Operate in high-efficiency mode



Smart Defrost Mode

Automatic defrost



Heating Mode

While the system is in Heating Mode, this icon will light up



Quiet Mode

Low-frequency operation during the night



Anti-freezing Mode

When the ambient temperature is less than or equal to the anti-freezing temperature, the circulating water pump starts running



Cooling Mode

While the system is in Cooling Mode, this icon will light up



Sterilization Mode

Tank sterilization: High-temperature sterilization at 65°C-75°C (default at 65°C)

TECHNICAL PARAMETERS



A+++ Erp 55°C
A+++ Erp 35°C
Domestic Hot Water

- R290 Refrigerant More Eco-friendly
- High Efficiency
- High Water Temperature 75°C
- Stable Operation 30°C
- Smart Defrost
- Anti-freezing
- COP 4.8
- Integrated Easy Installation

Model		HPM08-Nd2	HPM10-Nd2	HPM12-Nd2	HPM14-Nd2	HPM16-Nd2	
Intended use of the units		Low and medium temperature application					
Power supply		V / Ph / Hz 220-240/1/50					
Heating (AT7/6, WT30/35)	Capacity	kW	8	10	12	14	16
	Rated power input	kW	1.62	2.08	2.45	2.74	3.25
	COP	kW/kW	4.95	4.8	4.9	5.11	4.92
Heating (AT7/6, WT47/55)	Capacity	kW	8	10	12	14	16
	Rated power input	kW	2.42	3.03	3.43	4.24	5.0
	COP	kW/kW	3.3	3.3	3.5	3.3	3.2
Cooling (AT35, WT23/18)	Capacity	kW	8	10	11.4	14	16
	Rated power input	kW	1.63	2.15	2.78	2.74	3.33
	EER	kW/kW	4.9	4.65	4.1	5.11	4.8
Cooling (AT35, WT12/7)	Capacity	kW	8	10	11.4	14	16
	Rated power input	kW	2.5	3.33	4.07	4.52	5.51
	EER	kW/kW	3.2	3.0	2.8	3.1	2.9
SCOP	Average climate 35°C		4.9	4.9	4.9	5.2	4.9
	Average climate 55°C		3.85	3.85	3.85	3.9	3.9
Season space heating energy efficiency class	Average climate 35°C		A+++	A+++	A+++	A+++	A+++
	Average climate 55°C		A+++	A+++	A+++	A+++	A+++
SEER	Fan coil application 7°C		4.5	4.5	4.5	5.1	5.1
	Cooling floor application 18°C		6.3	6.5	6.2	7.0	7.0
Refrigerant	Type		R290				
	Charge	kg	1.3	1.3	1.35	1.95	1.95
E-Heater backup	kW	3.0	3.0	3.0	6.0	6.0	
Sound power level(EN12102-1)		dB	66	66	68	68	68
	Rated water flow	m ³ /h	1.38	1.72	2.06	2.41	2.75
Water pump	Total water head	m	12.5	12.3	12	11.5	11.1
	Available water head	m	9	8.8	8.5	8	7.6
Maximum working pressure of refrigerant	MPa	0.85/3.2					
Water side safety valve	MPa	0.6	0.6	0.6	0.6	0.6	
Water proof grade	/	IPX4					
Water side connection	in	1	1	1	1	1	
Net dimension	W*D*H	mm 1312*470*990			mm 1312*470*1370		
Package dimension	W*D*H	mm 1362*567*1167			mm 1362*567*1560		
Ambient temperature range	Cooling	°C	10-48				
	Heating	°C	-30-35				
	DHW	°C	-30-43				
Leaving water temperature range	Cooling	°C	5-25				
	Heating	°C	24-75				
	DHW	°C	30-60				

