

Technical Parameters Table

Denomination of the units			Air-to-water(brine)units				
Model			HPM08-Nd2	HPM10-Nd2	HPM12-Nd2	HPM14-Nd2	HPM16-N
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	4.10	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	2.80	3.1	2.9
SCOP	Average Climate	35℃	4.9	4.9	4.9	5.2	4.9
		55℃	3.85	3.85	3.85	3.9	3.9
Season space heating energy efficiency class	Average Climate	35℃	A+++	A+++	A+++	A+++	A+++
		55℃	A+++	A+++	A+++	A+++	A+++
SEER	Fan Coil Application	7℃	4.5	4.5	4.5	5.1	5.1
	Cooling Floor Application	18℃	6.3	6.5	6.20	7.0	7.0
R290		kg	1.3	1.3	1.35	1.95	1.95
Heater power input		kW	3.0	3.0	3.0	6.0	6.0
Sound Power Level (EN12102-1)		dB(A)	66	66	68	67.5	68
Water Pump	Rated Water Flow	m³/h	1.38	1.72	2.06	2.41	2.75
	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
Maximun 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		Inch	1'	1'	1'	1'	1'
Net Dimension	W×D×H	mm	1312×470×990			1312×470×1370	
Package Dimension	W×D×H	mm	1362×567×1167			1362×567×1560	
Ambient Temperature Range	Cooling	℃	10~48				
	Heating	℃	-30~35				
	Domestic Hot Water	℃	-30~43				
Leaving Water Temperature Range	Cooling	℃	5~25				
	Heating	℃	24~75				
	Domestic Hot Water	℃	30~60 (Depend on water tank which supplied by user)				