

A modern house at night with large glass windows and a wooden deck. The house is illuminated from within, showing a living room with a white sofa and a dining area with a table and chairs. The exterior features a wooden slat roof and a wooden deck. The background shows a dark forest and a mountain peak under a night sky.

Main characteristics

Outdoor unit model			EMHP-4V/ N8 EEC	EMHP-6V/ N8 EEC	EMHP-8V/ N8 EEC	EMHP-10V/ N8 EEC	EMHP-12V/ N8 EEC	EMHP-14V/ N8 EEC	EMHP-16V/ N8 EEC	EMHP-12Y/ N8 EEC	EMHP-14Y/ N8 EEC	EMHP-16Y/ N8 EEC
Model of hydraulic module			EHB-60/N8 EEC		EHB-100/N8 EEC		EHB-160/N8 EEC					
Heating ¹	Power	kW	4.25	6.20	8.30	10.0	12.1	14.5	16.0	12.1	14.5	16.0
	Rated power consumption	kW	0.82	1.24	1.60	2.00	2.44	3.09	3.56	2.44	3.09	3.56
	COP		5.20	5.00	5.20	5.00	4.95	4.70	4.50	4.95	4.70	4.50
Heating ²	Power	kW	4.35	6.35	8.20	10.0	12.3	14.2	16.0	12.3	14.2	16.0
	Rated power consumption	kW	1.14	1.69	2.08	2.63	3.24	3.89	4.44	3.24	3.89	4.44
	COP		3.80	3.75	3.95	3.80	3.80	3.65	3.60	3.80	3.65	3.60
Heating ³	Power	kW	4.40	6.00	7.50	9.50	12.0	13.8	16.0	12.0	13.8	16.0
	Rated power consumption	kW	1.49	2.00	2.36	3.06	3.87	4.60	5.52	3.87	4.60	5.52
	COP		2.95	3.00	3.18	3.10	3.10	3.00	2.90	3.10	3.00	2.90
Cooling ⁴	Power	kW	4.50	6.55	8.40	10.00	12.00	13.50	14.2	12.00	13.50	14.2
	Rated power consumption	kW	0.81	1.34	1.66	2.08	3.00	3.74	3.93	3.00	3.74	3.93
	EER		5.55	4.90	5.05	4.80	4.00	3.61	3.61	4.00	3.61	3.61
Cooling ⁵	Power	kW	4.70	7.00	7.40	8.20	11.6	12.7	14.0	11.6	12.7	14.0
	Rated power consumption	kW	1.36	2.33	2.19	2.48	4.22	4.98	5.71	4.22	4.98	5.71
	EER		3.45	3.00	3.38	3.30	2.75	2.55	2.45	2.75	2.55	2.45
Seasonal energy efficiency class (heating)) ⁶	Outlet water 35°C	class	A+++									
	Outlet water 55°C	class	A++									

Outdoor unit model			EMHP-4V/ N8 EEC	EMHP-6V/ N8 EEC	EMHP-8V/ N8 EEC	EMHP-10V/ N8 EEC	EMHP-12V/ N8 EEC	EMHP-14V/ N8 EEC	EMHP-16V/ N8 EEC	EMHP-12Y/ N8 EEC	EMHP-14Y/ N8 EEC	EMHP-16Y/ N8 EEC
Power options		V/phase/Hz	220-240/1/50							380-415/3/50		
Refrigerant	Type (GWP)		R32 (675)									
	Refueling volume	kg	1.50		1.65		1.84					
Sound power level		dB	56	58	59	60	64	65	68	64	65	68
Dimensions without packaging (W×H×D)		mm	1008×712×426		1118×865×523							
Package Dimensions (W×H×D)		mm	1065×810×485		1190×970×560							
Net/Gross Weight		kg	58/63.5		77/89		97/110.5			112/125.5		
External pipe diameters	Liquid	mm	6.35		9.52							
	Gaz	mm	15.88		15.88							
Connection Method			Socket connection									
Between indoor and outdoor units	Height difference	m	max. 20									
	Track length	m	2-30									
Additional refrigerant	Refueling	g/m	20		38							
	Maximum track length without refueling	m	15									
Outdoor temperature range	Cooling	°C	-5~43									
	Heating	°C	-25~35									
	WHC	°C	-25~43									

MODELS OF HYDRAULIC MODULE



Hydraulic unit				EHB-60/N8 EEC	EHB-100/N8 EEC	EHB-160/N8 EEC
Power options			V/phase/Hz	220-240/1/50		
Dimensions without packaging (W×H×D)			mm	420×790×270		
Package Dimensions (W×H×D)			mm	525×1050×360		
Net/Gross Weight			kg	37/43	37/43	39/45
Water pump	Max. pressure		M	9		
Connection	Water side		mm	R1"		
	Liquid refrigerant		mm	6.35	9.52	
	Gas refrigerant		mm	15.88	15.88	
Backup electron heater (built into the hydraulic module)	Standard		kW	-		
	Optional		kW	3/9		
	Number of power control stages			1/3		
	Power options	3kW	V/phase/Hz	220-240/1/50		
		9kW (heating stages1/3)		380-415/3/50		
Sound power level of the hydraulic module ²			dB	38	42	43
Outlet water temperature adjustment range	Cooling		°C	5-25		
	Heating		°C	25-65		
	HWS		°C	30-60		

