

Model		HPGM-8BP	HPGM-10BP	
Power supply		220~240V/1Ph/50Hz		
Performance				
Heating performances	A+7°C; W30/35°C			
	Heating capacity	kW	8,00	10,00
	COP (>4.5)		4,70	4,45
	Power input	kW	1,70	2,25
	A+2°C; W30/35°C			
	Heating capacity	kW	7,80	10,00
	COP (>3.5)		3,40	3,35
	A-7°C; W30/35°C			
	Heating capacity	kW	7,80	8,80
	COP (>2.7)		2,70	2,70
	A+7°C; W40/45°C			
	Heating capacity	kW	8,00	10,00
	COP (>3.6)		3,60	3,50
	A+7°C; W47/55°C			
	Heating capacity	kW	7,70	9,50
	COP (>2.9)		2,85	2,68
	A+2°C; W47/55°C			
	Heating capacity	kW	8,00	9,50
	COP		2,30	2,25
	A-7°C; W47/55°C			
	Heating capacity	kW	7,00	8,00
	COP		1,95	1,91
	A+7°C; W35°C (ErP-average)			
	Prated-NET		8,09	9,73
SCOP-NET		4,90	4,98	
ηs 30/35-NET	%	193%	196%	
Efficiency class 30/35		A+++	A+++	
A+7°C; W55°C (ErP-average)				
Prated-NET		7,61	9,09	
SCOP-NET		3,36	3,41	
ηs 47/55-NET	%	131%	134%	
Efficiency class 47/55		A++	A++	
Cooling performances	A+35°C; W23/18°C			
	Cooling capacity	kW	7,00	9,00
	EER (>3.8)		4,40	4,00
	SEER		6,80	6,25
	ηs 23/18		270%	247%
	A+35°C; W12/7°C			
	Cooling capacity	kW	6,50	8,00
	EER (>3.1)		2,90	3,00
SEER		4,79	4,89	
ηs 12/7		189%	193%	
Physical data				
Sound levels	Standard unit			
	Sound power level (2)	dB(A)	65	66
	Sound pressure level (3)	dB(A)	54	55
Current	Max.	A	20+13.6	22+13.6
Dimensions	Length	mm	1335	1335
	Width	mm	475	475
	Height	mm	875	875
	Package	mm		
Weight (1)	Standard unit	kg	120	126

weight (1)	Package	kg	135,5	142,1
Compressors	Compressor type		DC Twin-rotary	
	Copressor qty			
Refrigerant	type			
	Charge (1)	kg	1,6	1,8
Condenser	Copper		Grooved copper tubes	
	Fin type		Hydrophilic aluminum foil	
Fans	Fan type		Axial type	
	Fan quantity		1	1
	Rated total air flow	m ³ /h	4200	4200
	Rated speed	rpm	860	860
Evaporator	type		Braze plate heat exchanger	
	Water volume	L	1,08	1,08
Hydraulic module			Circulator, relief valve, paddle flow switch, expansion tank	
	Circulator		Centrifugal pump (variable speed)	
	Expansion tank volume	L	5	5
	Auxiliary electrical heater	kW	3	3
	Max. water-side operating pressure with hydraulic module (4)	kPa	90	90
Water connections	Inlet diameter (MPT GAS)	inch	1	1
	Outlet diameter (MPT GAS)	inch	1	1
Ambient temperature range	Cooling	°C		
	Heating	°C		
	DHW	°C		
Water outlet temperature range	Cooling	°C		
	Heating	°C		
	DHW	°C		

(1) Values are guidelines only. Refer to the unit nameplate.

(2) Declared dualnumber noise emission values in accordance with ISO 4871 (with an associated uncertainty of +/-2dB(A)). Measured in accordance with ISO 9614-1.

(3) Declared dualnumber noise emission values in accordance with EN12102-1 (with an associated uncertainty of +/-2dB(A)). For information, calculated from the sound power level Lw(A).

(4) Min. water-side operating pressure with variable speed hydraulic module is 40 kPa.