PROCLIM
Air conditioning

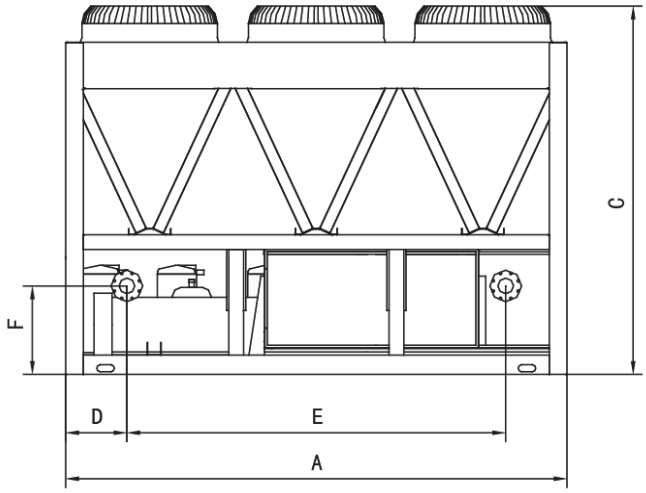
PGB-200W/SN1

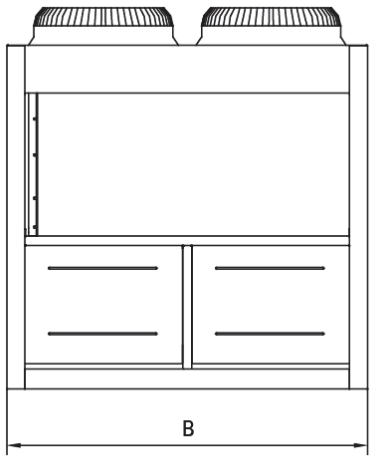
Model			PGB-200W/SN1
Cooling Capacity		kW	185
		Btu/h	631,220
Heating Capacity		kW	200
Power supply		V/Ph/Hz	380-400/3/50
Power supply	Manual switch	A	300
	Fuse	A	200
Compressor	Type		Fixed scroll
	Quantity	Pieces	6
	Model		SH140A4ALC
	Brand		Danfoss
	Capacity	kW	34.7
	Input	kW	10.86
	Rate current(RLA)	A	21.4
	Locked rotor Amp(LRA)	A	147
Power input	Cooling	kW	36
	Cooling rated current	A	110
	Heating	kW	61
	Heating rated current	A	107
Max. input consumption		kW	78,3
Max. running current		A	150
Max. starting current		A	312
Refrigerant	Type		R410A
	Weight	kg	7×6
	Refrigerant control		EXV+ capillary
Condenser (Air side)	Type		Fin-coil
	Quantity of fan motor	Pieces	6
	Air flow	$\times 10^3 m^3/h$	72
	Fan motor input	kW	0.865×6
Evaporator (Water side)	Type		Shell and tube
	Water resistance loss	kPa	30
	Volume	L	90
	Water inlet/outlet pipeline inside diameter	mm	DN80
		inch	3”
	Water flow	m^3/h	31.8
	Max. design pressure	MPa	1
	Water pipe connection type		Flexible joint

Dimension	Net(D×H×W)	mm	2850×2110×2000	/
		inch	112.2×83.1×78.7	/
	Packing(D×H×W)	mm	2980×2260×2135	/
		inch	117.3×89×84.1	/
Weight	Net weight	kg	1730	/
	Operation weight	kg	2000	/
Connection wire	Power wire	mm^2×No.	75×3+35×2	/
	Signal wire	mm^2×No.	0.75×3-core with shielding	/
Control type			Wired controller	/
Safety protection device			1) Protection for over-high discharge pressure. 2) Protection for over-low suction pressure. 3) Power supply phase sequence protection. 4) Anti-freezing protection in cooling mode. 5) Anti-freezing protection in Winter. 6) Protection for compressor over current. 7) Protection for compressor overload. 8) Outlet and inlet water temperature difference protection. 9) Compressor discharge temperature protection. 10) Water flow cut-off protection. 11) Sensor malfunction protection. 12) Low ambient temperature drive-up protection 13) Low-temperature protection of shell and tube heat exchanger.	
Noise level(semi-anechoic)		dB(A)	74	
Operation water temp		℃	Cooling：0～17（Less than 5℃ must add antifreeze） Heating：22～50	
Ambient temp		℃	Cooling：-10～46 Heating：-10～21	

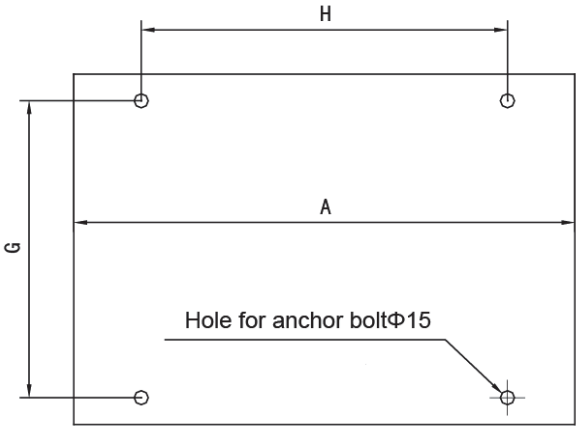
Note:
Please refer to the water flow in the above table strictly to design and install.
All the above data is measured base on the following working condition:
1. Cooling mode: water side fouling factor: 0.086m^2·℃/kW, chilled water inlet/outlet: 12℃ / 7℃, and outdoor ambient temp. 35℃ DB.
2. Heating mode: water side fouling factor: 0.086m^2·℃/kW, warm water inlet/outlet: 40℃ / 45℃, and outdoor ambient temp. 7℃ DB/6℃ WB.

200kW module





Left view



Bottom view

Model	unit	A	B	C	D	E	F	G	H
PGB-200W/SN1	Mm	2850	2000	2110	3470	2156	506	1888	2388
	inch	112.2	78.74	83.07	136.61	84.88	19.92	74.33	94.02

No.	Name
1	Top cover
2	Compressor
3	Evaporator
4	Water outlet
5	Electric control box
6	Water inlet
7	Condenser