DMC 8.0
Door-mounted chiller 8 KW



- Inverter compressor for flexible performance adaption to battery energy management during charging and discharging phase
- Heating element to increase lifetime of batteries even in winter time maintaining required temperature in stand-by mode
- EC fans for high energy efficiency and low noise emission
- Installation flexibility: Wall-mounted compact design or semi-recessed installation
- Outdoor installation: Design for harsh and extreme environmental conditions -20°C .. +50°C (+55°C)
- Pfannenberg controller for communication via Modbus RTU or Modbus TCP
- UL60335 certified

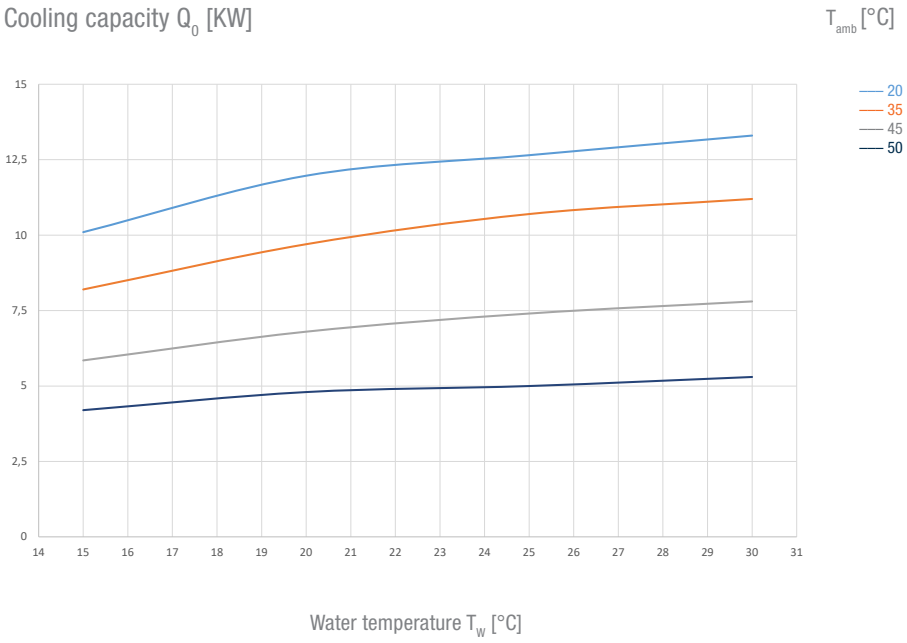
PRODUCT	DMC 8.0	
	42180805501	
DATA		Unit
Rated voltage	60	Hz ± 1 %
	230	V ± 10 %
Cooling capacity at A35 / W15	8	kW
Heating capacity	1 - 2	kW
Flow rate (pump)	60	l/min
Pump pressure	1	bar
Ambient temperature	-20 … +55	°C
Medium	water + glycol – 50/50	
Medium temperature (outlet)	+13 … +35	°C
Target value tolerance	± 1	K
Refrigerant type	R513A	-
Max. power consumption	4.5	kW
Full load amperage	17.5	A
Starting current	35	
Control voltage	230V AC	V
Air flow	1700	m^3/h
Noise level @50 Hz (EN ISO 3741)	65	dB(A)
Capacity of the tank	10	l
Connection (medium) IG	fittings for ¾" Tubes (others available on request)	BSP
Degrees of protection of electrical equipment (EN 60529)	IP55 external - against the container in both mounting methods	
Weight (net)	170	kg
Dimensions (X x Y x Z)	880 x 1202 x 320	mm
Colour	RAL 7035	

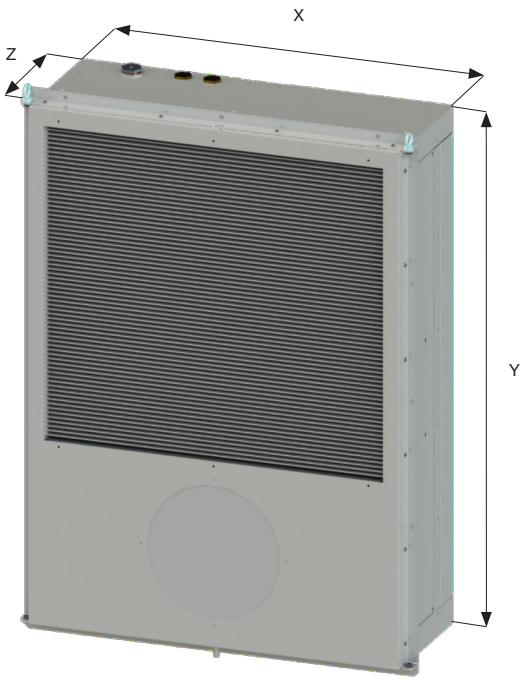
For additional models, options and voltages visit www.pfannenberg.com or contact us directly.

CE

Cooling capacity performance curves

DMC 8.0





Dimensions

mm	DMC 8.0
X	880
Y	1202
Z	320