

Chillers 19000–25000 W

EB 190 WT

EB 250 WT

- robust industry standard
- fluid cooling with water, water/glycol mixtures and low-viscosity oils
- steel housing with thick powder coating
- identical basic housing for oil and water cooling
- separate cooling circuit and hydraulic circuit
- equipped with a programmable control module that allows small hystereses of the temperature of the cooling medium
- integration of project-specific additional components is possible on request

Further options for the EB series chillers can be found on page 114.



Data		EB 190 WT	EB 250 WT	Unit
Article number		42031900001	42032500001	
Rated voltage ± 10 %		AC 50 Hz / 60 Hz		
		400 / 460 3~		V
Cooling capacity (with pump) ¹	W18/L32	19.0 / 21.0	25.0 / 27.7	kW
	W10/L32	13.3 / 14.8	17.7 / 19.7	
Flow rate (pump) ²		50	50	l/min
Pressure (head) (pump)		3.0		bar
Ambient temperature range		+ 15 ... + 40 / + 59 ... + 104		
Control range (refrigerant outlet temperature)		+ 10 ... + 35 / + 50 ... + 95; factory setting + 18 / + 64		°C / °F
Target value tolerance		± 2.0		K
Refrigerant	type	R407c		
Power consumption	W18/L32	10.7 / 13.7	12.3 / 15.7	kW
Current consumption	W18/L32	20.2 / 21.1	22.5 / 23.1	A
Starting current	W18/L32	123.9 / 126.2	148.2 / 152.8	A
Control voltage		24 V AC		V
Volumetric airflow	external	11800 / 12980		m³/h
Tank volume		70	70	l
Connections (medium)	IG	1"		BSPP
Noise level (according to EN ISO 3741)		< 73		dB (A)
Weight (without packaging)		389	403	kg
System of protection (enclosure electrical components)		IP 56		
Colour		RAL 7035 (different colours on request)		
Accessories		Article number		
Overflow valve (internal)		48000012865		
Flow monitor		48000012866		
Aluminium pre-filter (condenser)		45000012763		
Casters		45000012867		
20% Propylenglycol pre-mix	20 l	45783000123		
20% Ethylenglycol pre-mix	20 l	45783000125		

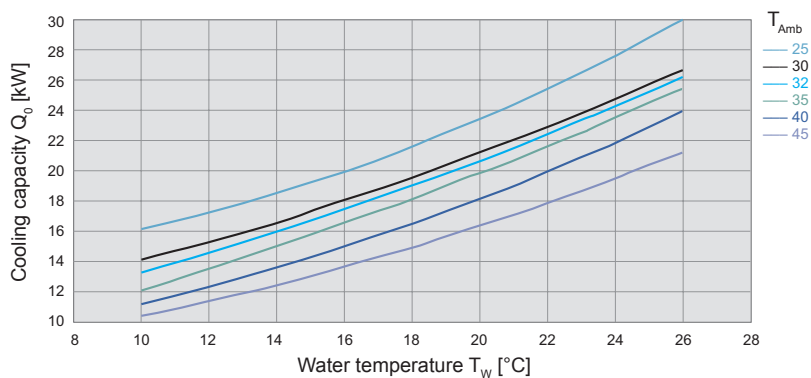
¹ cooling capacity incl. power loss in the pump, refrigerant outlet temperature + 18 °C, ambient temperature + 32 °C

² performance data based on 50 Hz operation

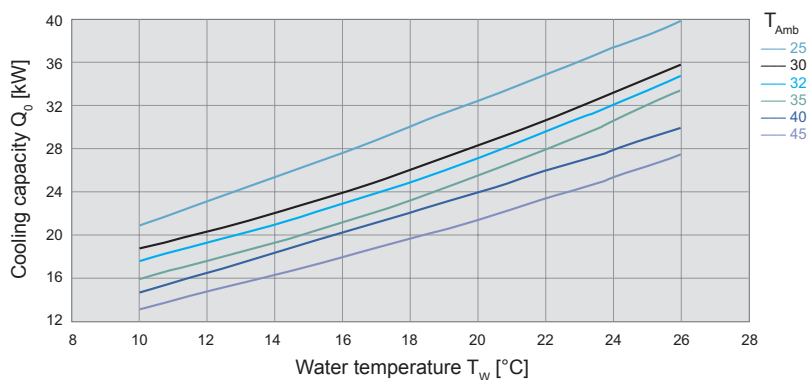
Approvals see page 91

Cooling capacity performance curves

EB 190 WT (50 Hz)¹

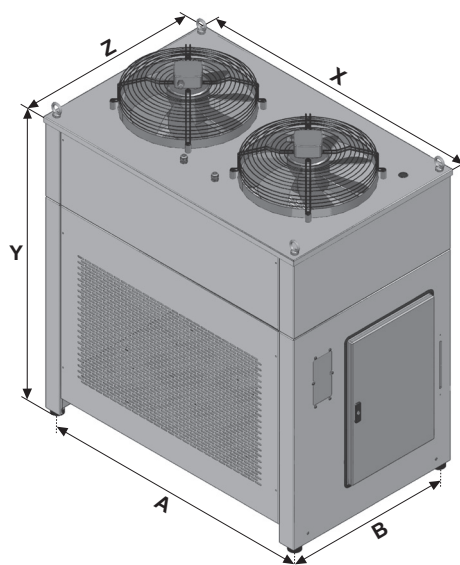


EB 250 WT (50 Hz)¹



Dimensions

mm	EB 150/190/250 WT
X	1230
Y	1410 ²
Z	790
A	1145
B	695



¹ the performance curves for the 60 Hz version can be obtained from your Pfannenberg advisor or at www.pfannenberg.com

² incl. fan