

Chillers 19000–25000 W EB 190 (oil) / EB 250 (oil)

- robust industry standard
- fluid cooling with oil*
- 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 135.

* viscosity in the standard 10 cSt (10 mm²/s) to 32 cSt (32 mm²/s) @ + 40 °C



Data	EB 190 (oil)	EB 250 (oil)	Unit
Article number	43031900001	43032500001	
Rated voltage ± 10%	AC 50 / 60		Hz
	400 / 460 3~		V
Cooling capacity (with pump) ¹ O26/L32	19 / 21	25 / 27.7	kW
Flow rate (pump) ²	60		l/min
Pressure (head) (pump)	10		bar
Ambient temperature range	+ 15 ... + 40 / + 59 ... + 104		°C / °F
Control range (refrigerant outlet temperature)	+20 ... + 35 / + 68 ... + 95; factory setting + 26 / + 79		
Target value tolerance	± 2		K
Refrigerant	R407C	10000	g
Power consumption	O26/L32	12.0 / 14.2	kW
Current consumption	O26/L32	20.8 / 20.8	A
Starting current	O26/L32	125.6 / 126.7	A
Control voltage	24 V AC		V
Pre fuse T	on request		A
Volumetric airflow	external	11800 / 12980	m ³ /h
Tank volume	–		l
Connections (medium)	IG	1"	BSPP
Noise level according to EN ISO 3741	< 73		dB (A)
Weight (without packaging)	350	390	kg
System of protection (enclosure electrical components)	IP 56		
Colour	RAL 7035, different colours available on request		
Accessories	Article number		
Overflow valve (internal)	48000012873		
Flow monitor	48000012871		
Aluminium pre-filter (condenser)	45000012763		
Casters	45000012867		

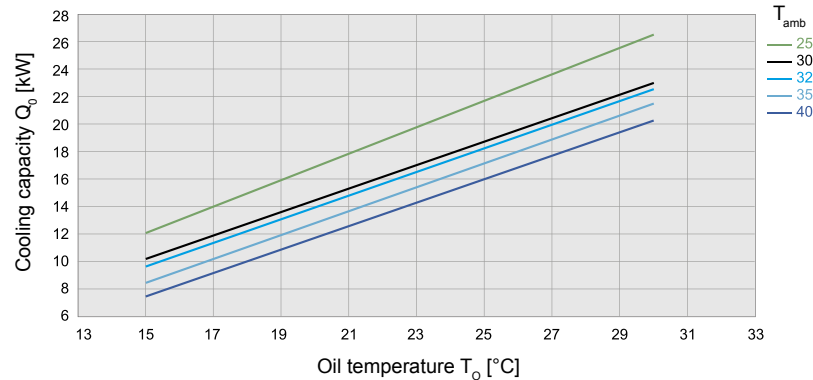
¹ cooling capacity incl. power loss in the pump, oil outlet temperature + 26 °C, ambient temperature + 32 °C, oil viscosity 22 cSt @ + 40 °C

² performance data based on 50 Hz operation

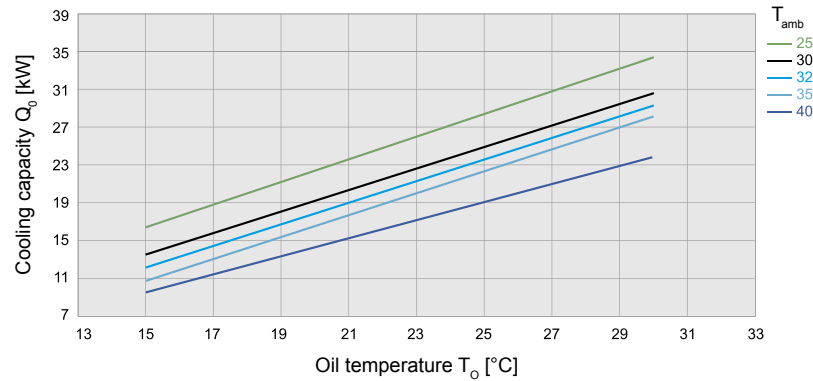
Approvals see page 105

Cooling capacity performance curves

EB 190 (oil) (50 Hz)¹

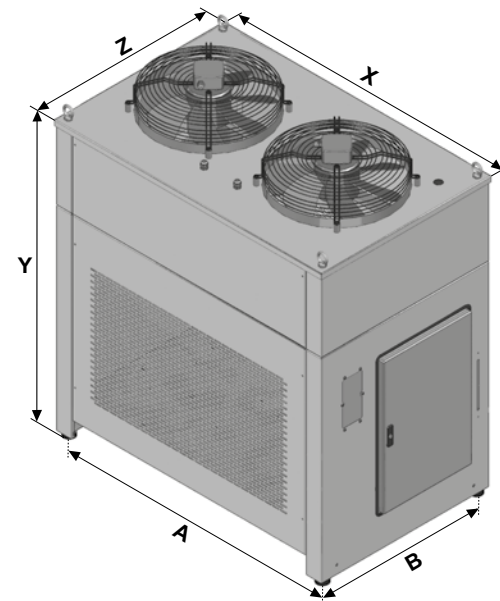


EB 250 (oil) (50 Hz)¹



Dimensions

mm	EB 190/250 (oil)
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