

Chillers 30000–40000 W

EB 300 (oil) / EB 350 (oil) / EB 400 (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 114.



Data	EB 300 (oil)	EB 350 (oil)	EB 400 (oil)	Unit
Article number	43033000001	43033500001	43034000001	
Rated voltage ± 10 %	AC 50 Hz / 60 Hz			
	400 / 460 3~			V
Cooling capacity (with pump) ¹ O20/L32	30.0 / 32.8	35.0 / 38.3	40.0 / 44.4	kW
Flow rate (pump) ²	80			l/min
Pressure (head) (pump)	10			bar
Ambient temperature range	+ 15 ... + 40 / + 59 ... + 104			
Control range (refrigerant outlet temperature)	+20 ... + 35 / + 68 ... + 95; factory setting + 26 / + 79			°C / °F
Target value tolerance	± 2.0			K
Refrigerant type	R407c			
Power consumption O20/L32	14.8 / 18.3	19.4 / 22,3	21.3 / 25.6	kW
Current consumption O20/L32	27.2 / 28.1	33,1 / 34.5	38.3 / 39.2	A
Starting current O20/L32	159.1 / 164.1	184.2 / 193.5	214.6 / 219.2	A
Control voltage	24 V AC			V
Volumetric airflow external	14100 / 15510			m³/h
Tank volume	-			l
Connections (medium) IG	1 1/2"			BSPP
Noise level (according to EN ISO 3741)	< 73			dB (A)
Weight (without packaging)	424	438	466	kg
System of protection (enclosure electrical components)	IP 56			
Colour	RAL 7035 (different colours on request)			
Accessories	Article number			
Overflow valve (internal)	48000012874			
Flow monitor	48000012872			
Aluminium pre-filter (condenser)	45000012868			
Casters	45000012867			
20% Propylenglycol pre-mix 20 l	45783000123			
20% Ethylenglycol pre-mix 20 l	45783000125			

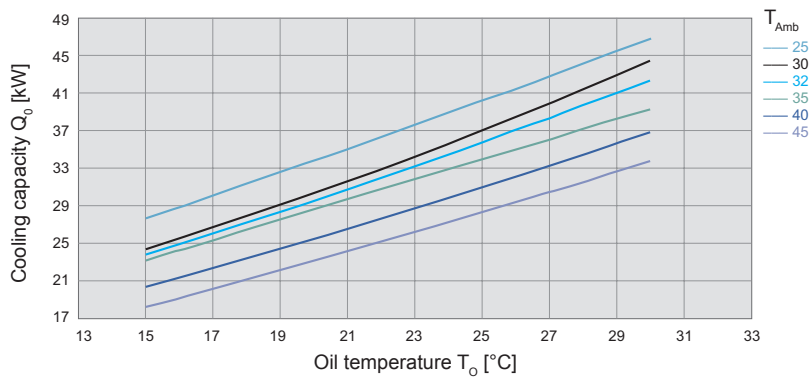
¹ cooling capacity incl. power loss in the pump, refrigerant outlet temperature + 18 °C, ambient temperature + 32 °C

² performance data based on 50 Hz operation

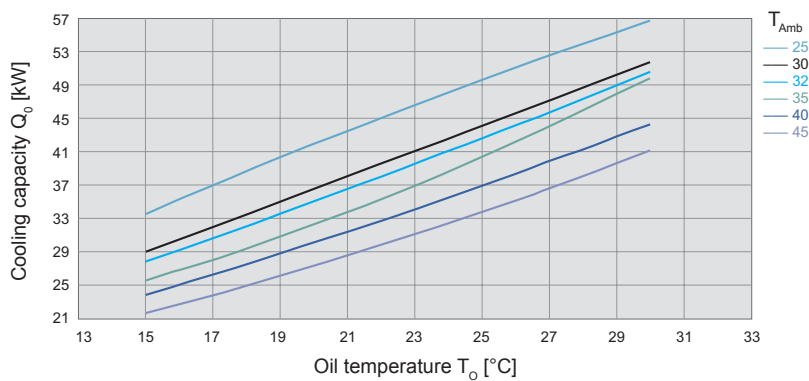
Approvals see page 91

Cooling capacity performance curves

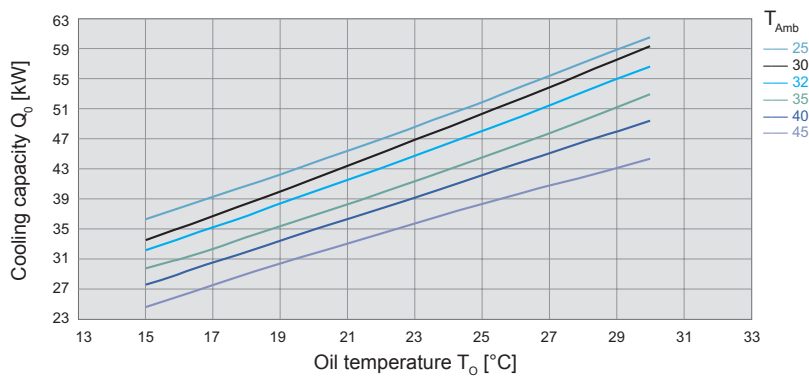
EB 300 (oil) (50 Hz)¹



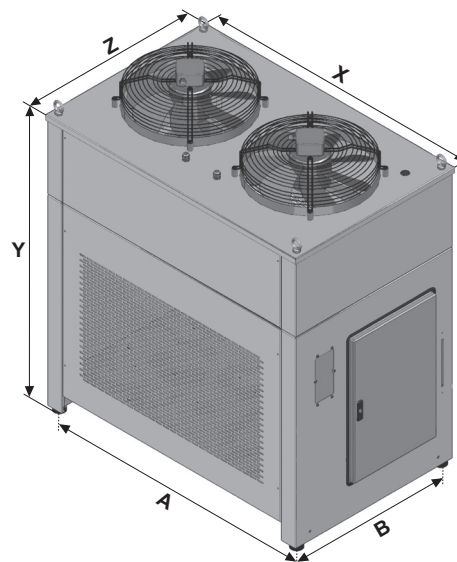
EB 350 (oil) (50 Hz)¹



EB 400 (oil) (50 Hz)¹



Dimensions	
mm	EB 300/350/400 (oil)
X	1680
Y	1410 ²
Z	790
A	1595
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