

Chillers 30000–40000 W

EB 300 WT / EB 350 WT / EB 400 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 300 WT	EB 350 WT	EB 400 WT	Unit
Article number		42033000001	42033500001	42034000001	
Rated voltage ± 10 %		AC 50 Hz / 60 Hz			V
		400 / 460 3~			
Cooling capacity (with pump) ¹	W18/L32	30.0 / 32.8	35.0 / 38.3	40.0 / 44.4	kW
	W10/L32	20.6 / 22.9	23.4 / 26.0	27.6 / 30.6	
Flow rate (pump) ²		80			l/min
Pressure (head) (pump)		3,5			bar
Ambient temperature range		+ 15 ... + 40 / + 59 ... + 104			°C / °F
Control range (refrigerant outlet temp.)		+ 10 ... + 35 / + 50 ... + 95; factory setting + 18 / + 64			
Target value tolerance		± 2.0			K
Refrigerant	type	R407c			
Power consumption	W18/L32	14.8 / 18.5	17.3 / 22.0	19.5 / 24.4	kW
Current consumption	W18/L32	27.8 / 28.1	31.3 / 32.2	35.4 / 36.4	A
Starting current	W18/L32	157.8 / 161.1	182.8 / 191.1	212.9 / 216.1	A
Control voltage		24 V AC			V
Volumetric airflow	external	14100 / 15510			m³/h
Tank volume		120			l
Connections (medium)	IG	1-1/2"			BSPP
Noise level (according to EN ISO 3741)		< 73			dB (A)
Weight (without packaging)		434	448	476	kg
System of protection (enclosure electrical components)		IP 56			
Colour		RAL 7035 (different colours on request)			
Accessories		Article number			
Overflow valve (internal)		48000012869			
Flow monitor		48000012870			
Aluminium pre-filter (condenser)		45000012868			
Casters		45000012867			
20% Propylenglycol pre-mix	20 l	45783000123			
20% Ethylenglycol pre-mix	20 l	45783000125			

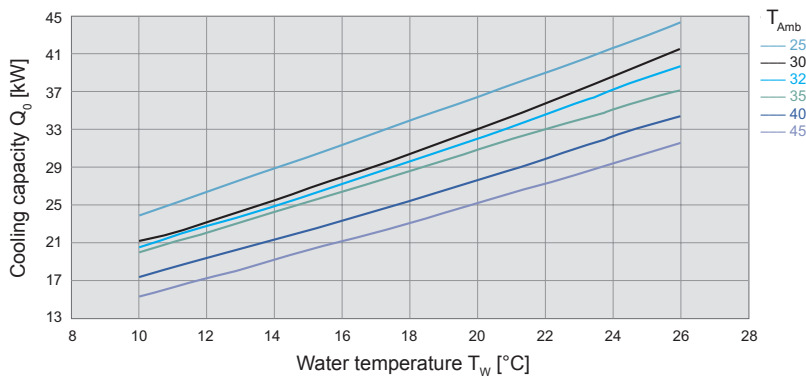
¹ cooling capacity incl. power loss in the pump, refrigerant outlet temperature + 18 °C, ambient temperature + 32 °C

² performance data based on 50 Hz operation

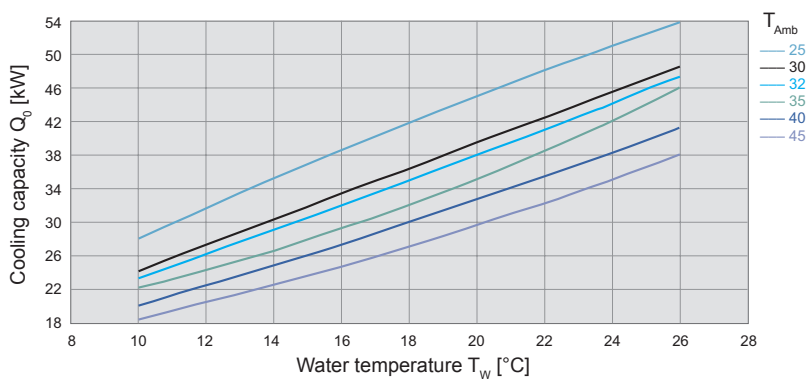
Approvals see page 91

Cooling capacity performance curves

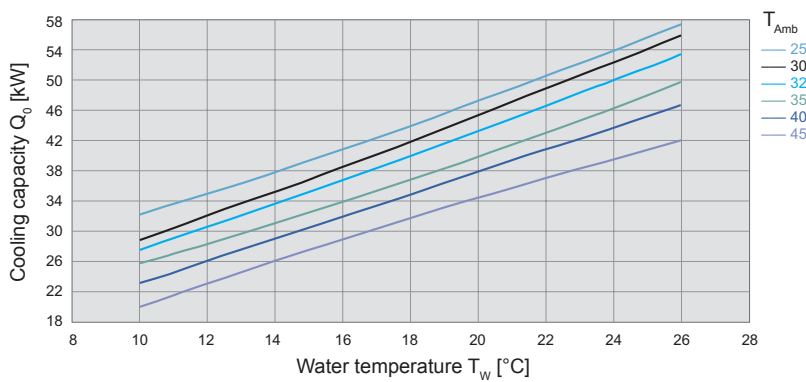
EB 300 WT (50 Hz)¹



EB 350 WT (50 Hz)¹

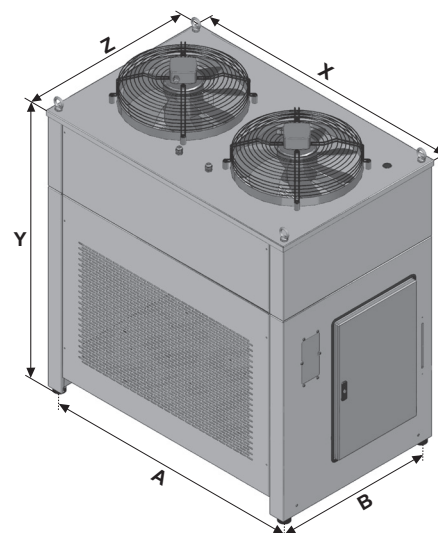


EB 400 WT (50 Hz)¹



Dimensions

mm	EB 300/350/400 WT
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