

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 169.

* maximum viscosity 10 cSt (10 mm²/s) @ + 40 °C

Data	EB 300 WT	EB 350 WT	EB 400 WT	Unit	
Article number	42033000001	42033500001	42034000001		
Rated voltage ± 10%	AC 50 / 60			Hz	
	400 / 460 3~			V	
Cooling capacity (with pump) ¹	W18/L32	30 / 32.8	35 / 38.3	40 / 44.4	kW
	W10/L32	20.6 / 22.9	23.4 / 26	27.6 / 30.6	
Flow rate (pump) ²	80			l/min	
Pressure (head) (pump)	3.5			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			K	
Refrigerant	R407C	13,000	12,000	13,000	g
Max. power consumption	14.8 / 18.5	17.3 / 22.0	19.5 / 24.4		kW
Max. current consumption	27.8 / 28.1	31.3 / 32.2	35.4 / 36.4		A
Starting current	157.8 / 161.1	182.8 / 191.1	212.9 / 216.1		
Control voltage	24 AC			V	
Pre fuse T	40	on request	on request	A	
Volumetric airflow	external	14,100 / 15,510		m ³ /h	
Tank volume	120			l	
Connections (medium)	IG	1-1/2"		BSP	
Noise level @ 50 Hz (EN ISO 3741)	< 73			dB (A)	
Weight (without packaging)	420	440	600	kg	
System of protection (enclosure electrical components)	IP 54				
Colour	RAL 7035, different colours available on request				
Accessories	Article number			Quantity	
Hydraulic bypass	48000012869				
Flow switch	48000012870				
Aluminium filter	45000012868				
Wheels / Casters	45000012867				
20% Propyleneglycol pre-mix	45783000123			20 kg	
20% Ethyleneglycol pre-mix	45783000125			20 kg	

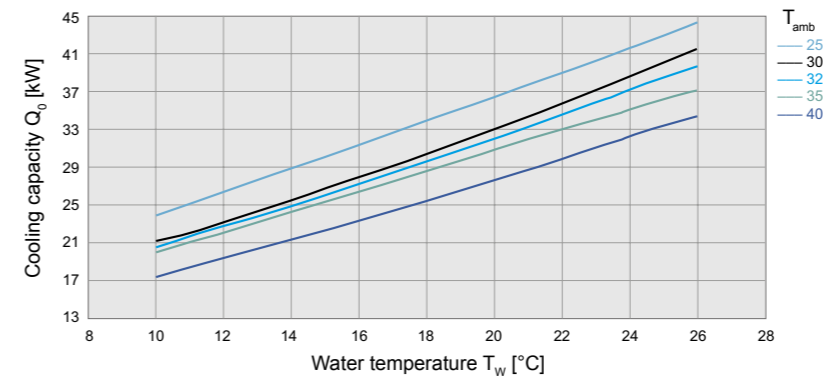
¹ cooling capacity incl. power loss in the pump, refrigerant (water + glycol 20% ethylene) outlet temperature + 18 °C, ambient temperature + 32 °C

² performance data based on 50 Hz operation

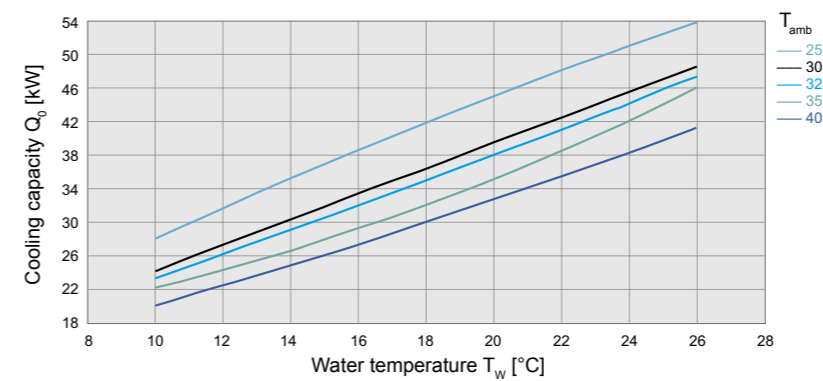
Approvals see page 139

Cooling capacity performance curves

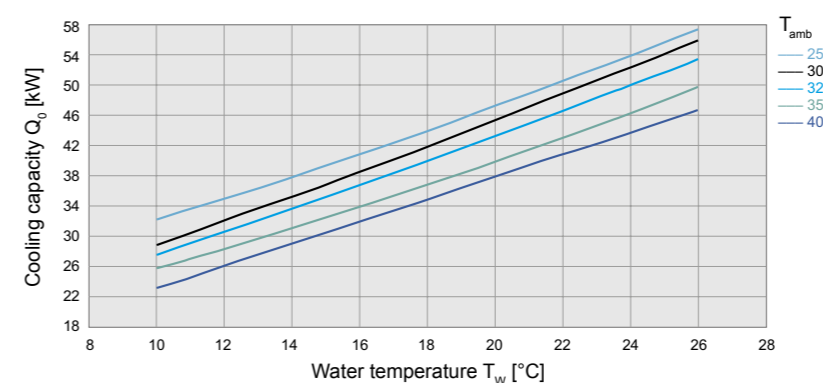
EB 300 WT (50 Hz)¹



EB 350 WT (50 Hz)¹

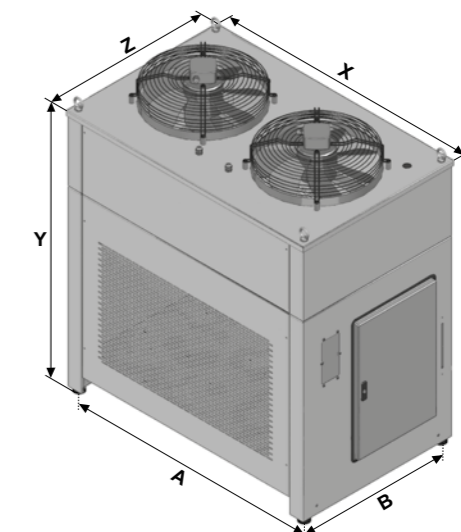


EB 400 WT (50 Hz)¹



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