

EB 32 WT | EB 44 WT | EB 65 WT CHILLERS 3200–6500 W

- 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

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



PRODUCT	EB 32 WT	EB 44 WT	EB 65 WT	
ARTICLE NO.	42030325001	42030445001	42030655001	Unit

DATA

Rated voltage		AC 50		AC 50 60	Hz ±1 %
		400 3~		400 3~ 460 3~	V ±10 %
Cooling capacity (with pump)	W18/A32	3.2	4.4	6.5 7.2	kW
Flow rate (pump) ¹		9	12	17	l/min
Pump pressure		2.5		3	bar
Ambient temperature		+15 ... +45 +59 ... +113			°C F
Medium		water/glycol – 80/20			
Medium temperature (outlet)		+13 ... +35 +55 ... +95; factory setting +18 +64			°C F
Target value tolerance		±2			K
Refrigerant	type	R407C		R410A	
	quantity	1100	1200	2150	g
Max power consumption		2.1	2.8	2.8 3.9	kW
Max current consumption		4.7	6.7	6.8 7.5	A
Starting current		19	21	24 27	
Control voltage		AC 24			V
Pre fuse T		20		25	A
Airflow ¹	external	2500		4000 4400	m ³ /h
Tank volume		50			l
Connections (medium)	IG	1/2"		3/4"	BSP
Noise level @ 50 Hz (EN ISO 3741)		< 66		< 70	dB (A)
Weight (without packaging)		120	125	140	kg
Protection system according to EN 60529		IP 54			
Colour		RAL 7035 different colours available on request			

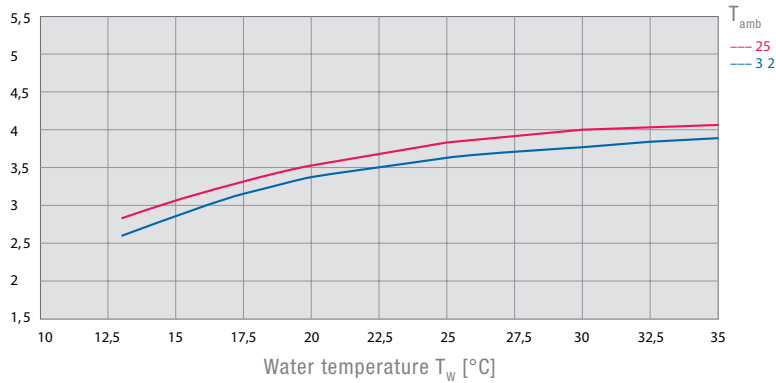
For additional models, options, voltages and accessories visit www.pfannenberg.com or contact us directly.

¹ performance data based on 50 Hz operation

Cooling capacity performance curves

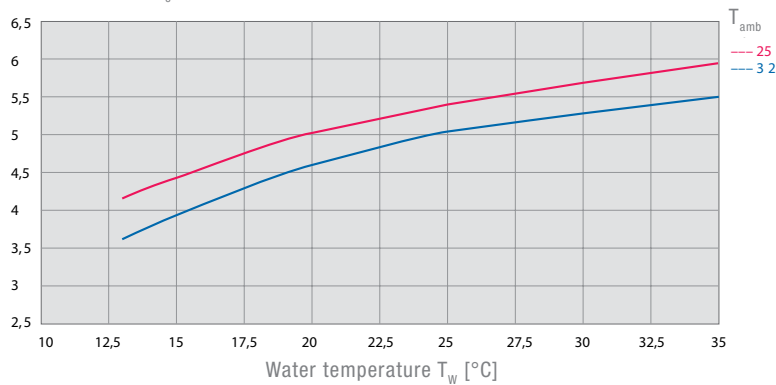
EB 32 WT (50 Hz)¹

Cooling capacity Q_0 [kW]



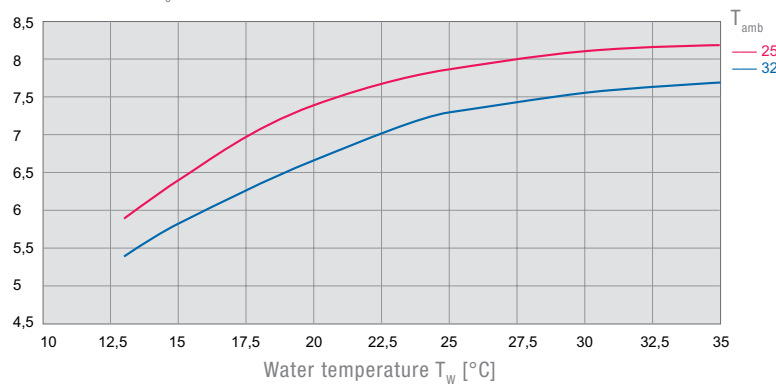
EB 44 WT (50 Hz)¹

Cooling capacity Q_0 [kW]



EB 65 WT (50 Hz)¹

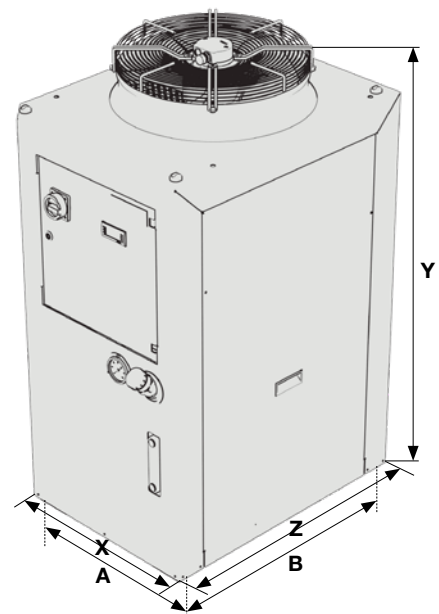
Cooling capacity Q_0 [kW]



The performance curves do include standard pump losses and refer to 50 Hz and 20 % glycol mixtures. For a 40 °C ambient temperature you can expect capacity values shown for 32 °C to decrease by 20 %. For a 45 °C ambient temperature you can expect capacity values shown for 32 °C to decrease by 30 %.

Dimensions

mm	EB 32 44 65 WT
X	600
Y	1276 ²
Z	760,5
A	515
B	675,5



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

² incl. fan