EB 180 WT I EB 220 WT
CHILLERS 18000–22000 W

- robust industry standard
- fluid cooling with water and water/glycol mixtures
- steel housing with thick powder coating
- 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

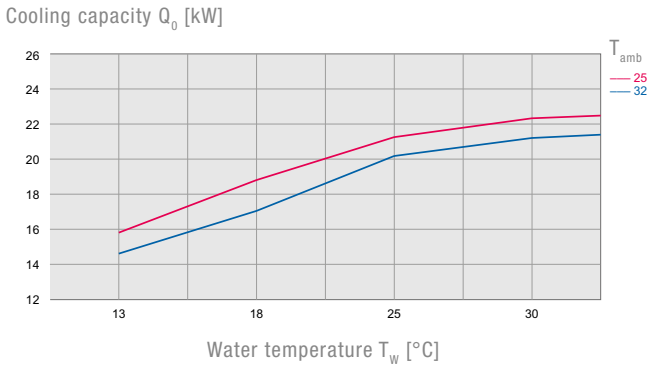
PRODUCT		EB 180 WT	EB 220 WT	
ARTICLE NO.		42031805001	42032205001	UNIT
DATA				
Rated voltage		AC 50 I 60		Hz ±1 %
		400 3~ I 460 3~		V ±10 %
Cooling capacity (with pump)	W18/A32	18 I 21.5	22 I 26.4	kW
Flow rate (pump)[1]		48 / 57	52 / 62	l/min
Pump pressure		3		bar
Ambient temperature		+15 … +45 I +59 … +113		°C I F
Medium		water/glycol – 80/20		
Medium temperature (outlet)		+13 … +35 I +55 ... +95; factory setting +18 I +64		°C I F
Target value tolerance		±2		K
Refrigerant	type	R410A		
	quantity	1800	2500	g
Max power consumption		7,1 I 8,8	9,7 I 12	kW
Max current consumption		14,5 I 15,5	18 I 19	A
Starting current		55 I 57	74,5 I 75	
Control voltage		AC 24		V
Pre fuse T		20	20	A
Airflow[1]	external	8000		m^3/h
Tank volume		70		l
Connections (medium)	IG	1“		BSP
Noise level @ 50 Hz (EN ISO 3741)		< 72		dB (A)
Weight (without packaging)		200	210	kg
Protection system according to EN 60529		IP 54		
Colour		RAL 7035 I different colours available on request		

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

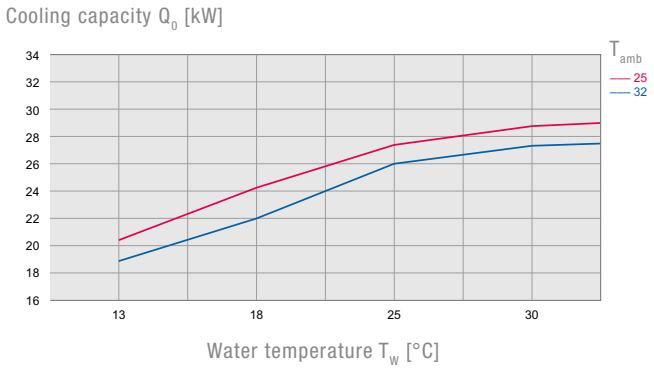
[1] performance data based on 50 Hz operation

Cooling capacity performance curves

EB 180 WT (50 Hz)[1]



EB 220 WT (50 Hz)[1]



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	180 WT I 220 WT
X	855,5
Y	1434,5[2]
Z	761
A	682
B	789

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