

# EB 140 WT | EB 160 WT CHILLERS 14000–16000 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 140 WT	EB 160 WT	UNIT
ARTICLE NO.	42031405001	42031605001	
DATA			
Rated voltage	AC 50   60		Hz ±1 %
	400 3~   460 3~		V ±10 %
Cooling capacity (with pump) W18/A32	14   15,4	16   17,6	kW
Flow rate (pump) <sup>1</sup>	37	43	l/min
Pump pressure	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 R410A		
	quantity	1800	1700
Max power consumption	5,3   11,3	7,1   14,1	kW
Max current consumption	6,8   11,9	18,9   15,1	A
Starting current	45,4   46,9		
Control voltage	AC 24		V
Pre fuse T	20	25	A
Airflow <sup>1</sup> external	7500   8250		m <sup>3</sup> /h
Tank volume	70		l
Connections (medium) IG	1"		BSP
Noise level @ 50 Hz (EN ISO 3741)	< 72		dB (A)
Weight (without packaging)	180	190	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](http://www.pfannenberg.com) or contact us directly.

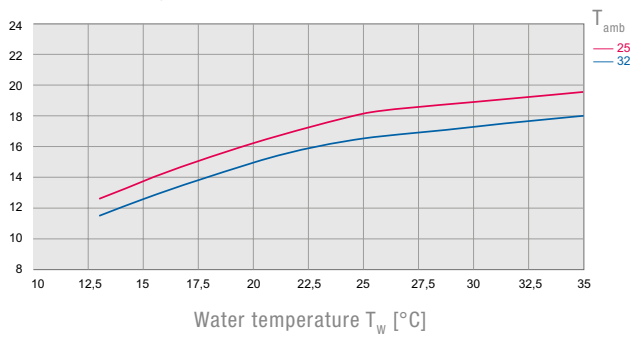
<sup>1</sup> performance data based on 50 Hz operation



## Cooling capacity performance curves

### EB 140 WT (50 Hz)<sup>1</sup>

Cooling capacity  $Q_0$  [kW]



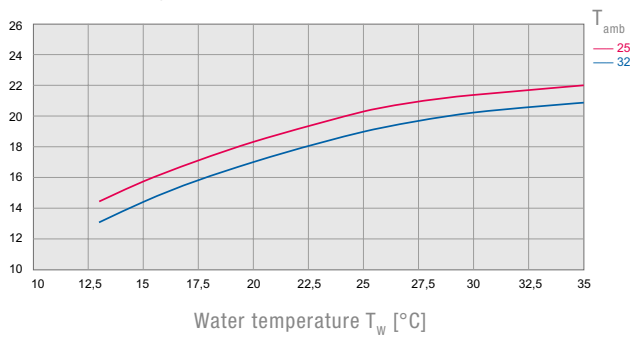
The performance curves do include standard pump losses and refer to 50 Hz and 20 % glycol mixtures.

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 %.

### EB 160 WT (50 Hz)<sup>1</sup>

Cooling capacity  $Q_0$  [kW]



## Dimensions

mm	140 WT   160 WT
<b>X</b>	855,5
<b>Y</b>	1434,5 <sup>2</sup>
<b>Z</b>	761
<b>A</b>	682
<b>B</b>	789

<sup>1</sup> the performance curves for the 60 Hz version can be obtained from your Pfannenberg advisor or at [www.pfannenberg.com](http://www.pfannenberg.com)  
<sup>2</sup> incl. fan

