# EB 65 WT I 80 WT I EB 95 WT
# CHILLERS 6500–9500 W

F-gas
R513A

- robust industry standard
- ambient temperature up to +50 °C
- 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



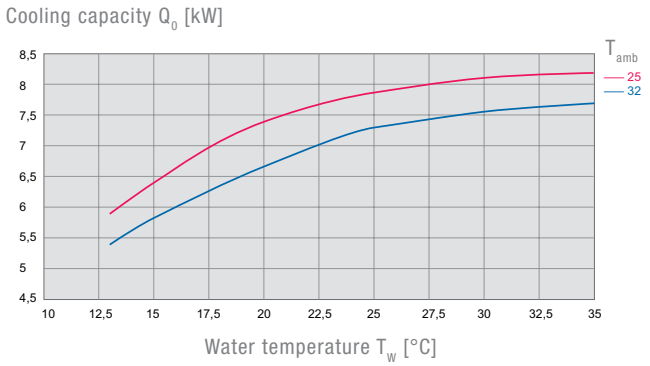

| PRODUCT | | EB 65 WT | EB 80 WT | EB 95 WT | |
|---|---|---|---|---|---|
| ARTICLE NO. | | 42030655501 | 42030805501 | 42030955501 | UNIT |
| DATA | | | | | |
| Rated voltage | | AC 50 I 60 | | | Hz ±1 % |
| | | 400 3~ I 460 3~ | | | V ±10 % |
| Cooling capacity (with pump) | W18/A32 | 6,5 I 7,2 | 8 I 8,8 | 9,5 I 10,6 | kW |
| Flow rate (pump)[1] | | 17 | 21 | 26 | l/min |
| Pump pressure | | 3 | | | bar |
| Ambient temperature | | +15 … +50 I +59 … +122 | | | °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 | R513A | | | |
| | quantity | 1140 | 1240 | 980 | g |
| Max power consumption | | 3.1 I 4.2 | 3.4 I 4.6 | 4.4 I 5.6 | kW |
| Max current consumption | | 8 I 8.5 | 8.5 I 9 | 10.5 I 10.5 | A |
| Starting current | | 24.5 I 25 | 27.5 I 28 | 35 I 35,5 | |
| Control voltage | | AC 24 | | | V |
| Pre protection | | 15 | | | A |
| Airflow[1] | external | 4000 I 4400 | | 5000 I 5500 | $m^3/h$ |
| Tank volume | | 50 | | | l |
| Connections (medium) | IG | 3/4" | | | BSP |
| Noise level @ 50 Hz (EN ISO 3741) | | < 70 | < 72 | | dB (A) |
| Weight (without packaging) | | 140 | 150 | 160 | 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.**

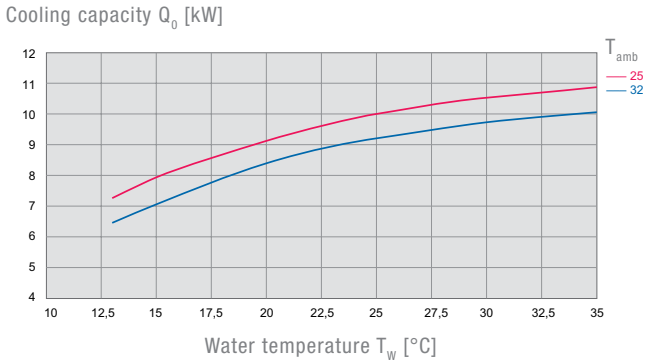
[1] performance data based on 50 Hz operation

## Cooling capacity performance curves

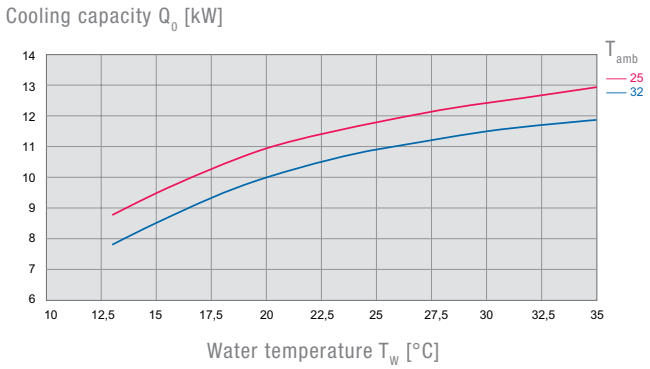
### EB 65 WT (50 Hz)[1]




### EB 80 WT (50 Hz)[1]




### EB 95 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 50 °C ambient temperature you can expect capacity values shown for 32 °C to decrease by 45 %.

## Dimensions

| mm | EB 65 WT I 80 WT I 95 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

