

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 | Unit |
|-------------|-------------|-------------|-------------|------|
| ARTICLE NO. | 42030325001 | 42030445001 | 42030655001 | |

| DATA | | | | |
|---|----------|--|------|-------------|
| Rated voltage | | AC 50 | | Hz ±1 % |
| | | 400 3~ | | V ±10 % |
| Cooling capacity (with pump) | W18/A32 | 3.2 | 4.4 | kW |
| | W10/A32 | 2.2 | 3.1 | |
| Flow rate (pump) ¹ | | 9 | 12 | l/min |
| Pump pressure | | 2.5 | | bar |
| Ambient temperature | | +15 ... +45 +59 ... +113 | | °C F |
| Medium | | water/glycol – 80/20 | | |
| Medium temperature (outlet) | | +10 ... +35 +50 ... +95; factory setting +18 +64 | | °C F |
| Target value tolerance | | ±2 | | K |
| Refrigerant | type | R407C | | R410A |
| | quantity | 1100 | 1200 | 2150 |
| Max power consumption | | 2.1 | 2.8 | 2.8 3.9 |
| Max current consumption | | 4.7 | 6.7 | 6.8 7.5 |
| Starting current | | 19 | 21 | 24 27 |
| Control voltage | | AC 24 | | V |
| Pre fuse T | | 20 | | 25 |
| Airflow ¹ | external | 2500 | | 4000 4400 |
| Tank volume | | 50 | | l |
| Connections (medium) | IG | 1/2" | | 3/4" |
| Noise level @ 50 Hz (EN ISO 3741) | | < 66 | | < 70 |
| Weight (without packaging) | | 120 | 125 | 140 |
| Protection system according to EN 60529 | | IP 54 | | |
| Colour | | RAL 7035 different colours available on request | | |

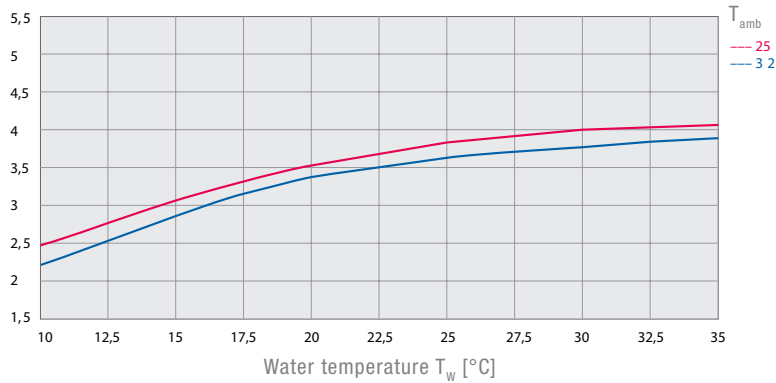
For additional models, options, voltages and accessories visit www.pfannenberg.com or contact us directly.

¹ performance data based on 50 Hz operation

Cooling capacity performance curves

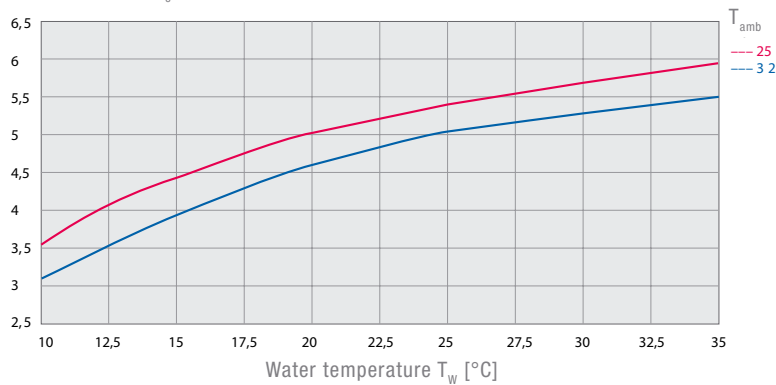
EB 32 WT (50 Hz)¹

Cooling capacity Q_0 [kW]



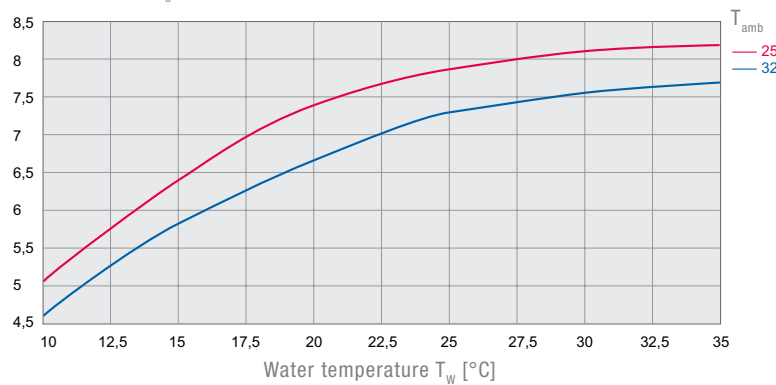
EB 44 WT (50 Hz)¹

Cooling capacity Q_0 [kW]



EB 65 WT (50 Hz)¹

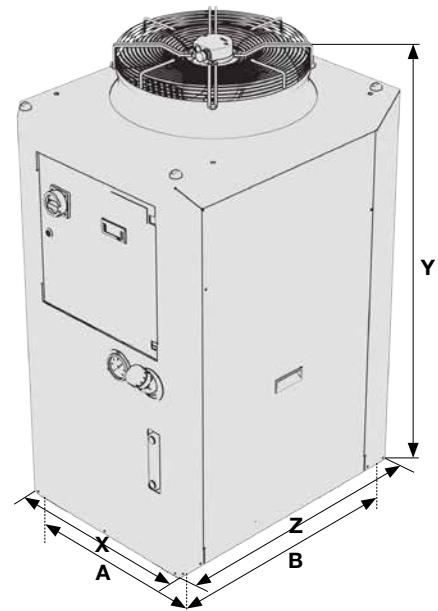
Cooling capacity Q_0 [kW]



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