

EB XT 700 WT | EB XT 800 WT | EB XT 900 WT | EB XT 1000 WT CHILLERS 69–92 KW

- extreme cooling capacities
- electronic expansion valve
- EC fans, variable speed control, EC motor technology, further increasing energy savings
- reduced emissions due to high efficiency refrigerant R410A
- controller system and digital display of temperature, pressure, tank level and status values
- scroll compressor with lower noise level and 20 % decreased power consumption than comparable piston compressors
- using microchannel heat exchangers (MCHX) for condenser coil design allows more efficient and compact solution
- cooling medium water or water/glycol mixtures



| PRODUCT | EB XT 700 WT | EB XT 800 WT | EB XT 900 WT | EB XT 1000 WT | |
|--|---|--------------|--------------|---------------|-------------------|
| ARTICLE NO. | 42147005001 | 42148005001 | 42149005001 | 42151005001 | UNIT |
| DATA | | | | | |
| Rated voltage | 50 | | | | Hz ±1 % |
| | 400 3~ | | | | V ±10 % |
| Cooling capacity (with pump) W18/A32 | 69 | 76 | 86 | 92 | kW |
| Flow rate (pump) ¹ | 200 | 233 | 267 | 300 | l/min |
| Pump pressure | 3.0 | | | | bar |
| Ambient temperature | +5 ... +50 +41 ... +122 | | | | °C F |
| Medium | water water/glycol | | | | |
| Medium temperature (outlet) | +8 ... +30 +50 ... +86 | | | | °C F |
| Target value tolerance | ±1 | | | | K |
| Refrigerant R410a | -- | | | | g |
| Max power consumption | 20.3 | 25.2 | 28 | 32.5 | kW |
| Full load amperage | 36.6 | 45.5 | 50.5 | 58.6 | A |
| Control voltage | -- | | | | V |
| Pre fuse T | -- | | | | A |
| Airflow ¹ external | 23270 | | | | m ³ /h |
| Tank volume | 500 | | | | l |
| Connections (medium) IG | 2" | | | | BSP |
| Noise level @ 50 Hz (EN ISO 3741) ² | -- | | | | dB (A) |
| Weight (without packaging) | 650 | 650 | 700 | 720 | kg |
| Protection system according to EN 60529 | IP 54 | | | | |
| Colour | RAL 7035 different colours available on request | | | | |

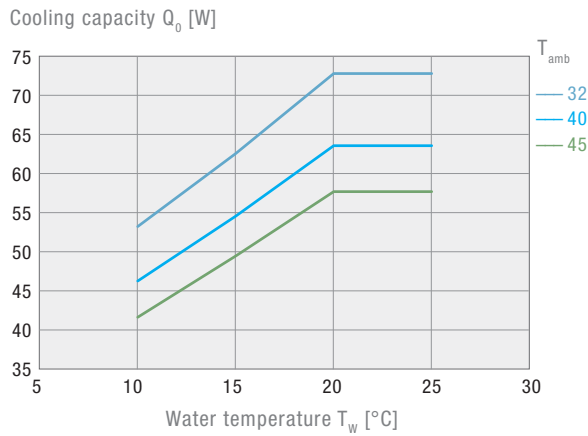
For additional models, options, voltages and accessories visit www.pfannenber.com or contact us directly.

¹ performance data based on 50 Hz operation
² in 5 m distance

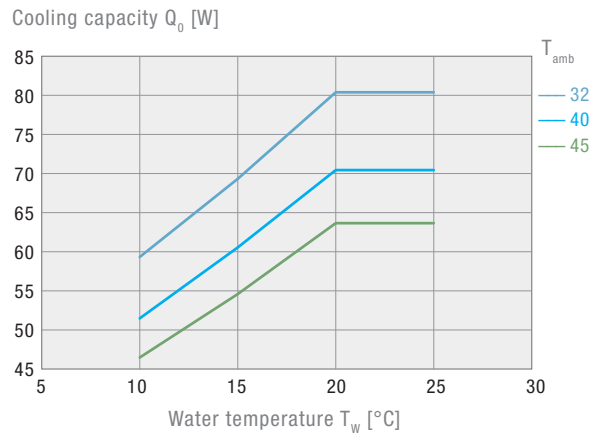


Cooling capacity performance curves

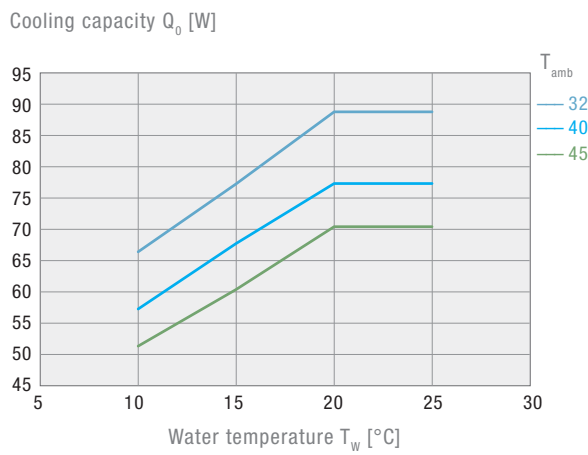
EB XT 700 WT (50 Hz)¹



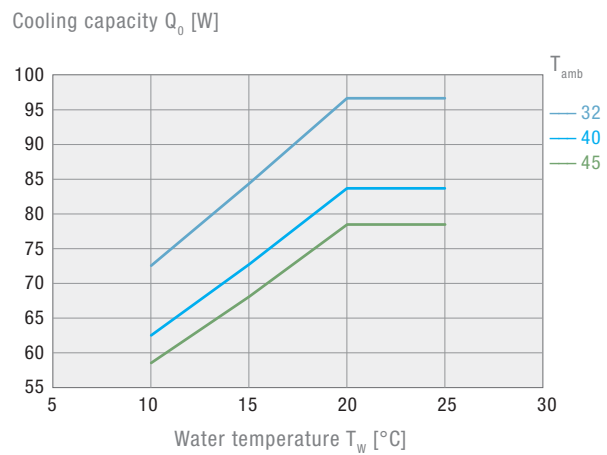
EB XT 800 WT (50 Hz)¹



EB XT 900 WT (50 Hz)¹

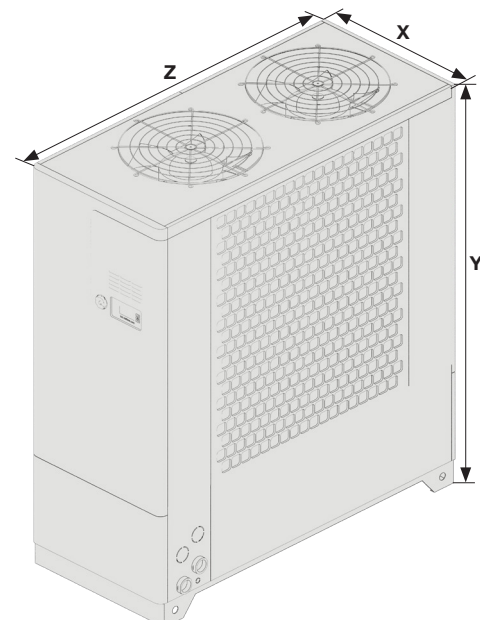


EB XT 1000 WT (50 Hz)¹



Dimensions

| mm | EB XT 700 800 900 1000 WT |
|----------|---------------------------------|
| X | 830 |
| Y | 2030 |
| Z | 1840 |



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