

EB XT 400 WT | EB XT 500 WT | EB XT 600 WT CHILLERS 36–59 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 400 WT	EB XT 500 WT	EB XT 600 WT	UNIT
ARTICLE NO.	42144005001	42145005001	42146005001	
DATA				
Rated voltage	50			Hz ±1 %
	400 3~			V ±10 %
Cooling capacity (with pump) W18/A32	36	47	59	kW
Flow rate (pump) ¹	117	150	183	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	12.8	15.7	21	kW
Full load amperage	23.1	28.3	37.9	A
Control voltage	--			V
Pre fuse T	--			A
Airflow ¹ external	9350	12600	20000	m ³ /h
Tank volume	300			l
Connections (medium) IG	1 1/2"			BSP
Noise level @ 50 Hz (EN ISO 3741) ²	--			dB (A)
Weight (without packaging)	540	550	620	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 or contact us directly.

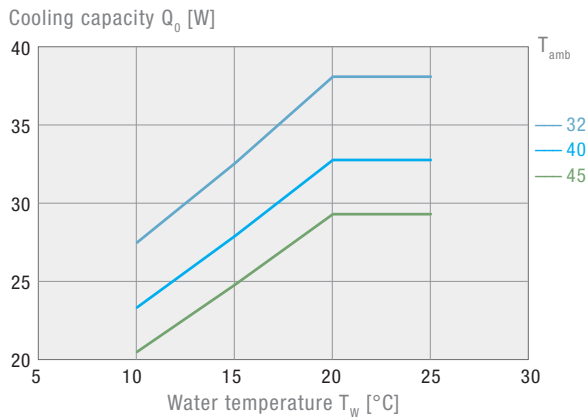
¹ performance data based on 50 Hz operation

² in 5 m distance

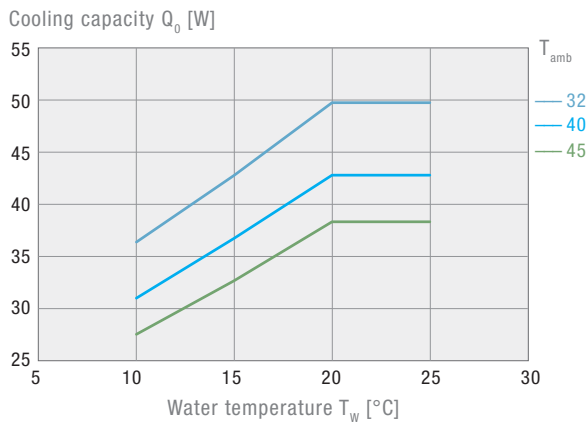


Cooling capacity performance curves

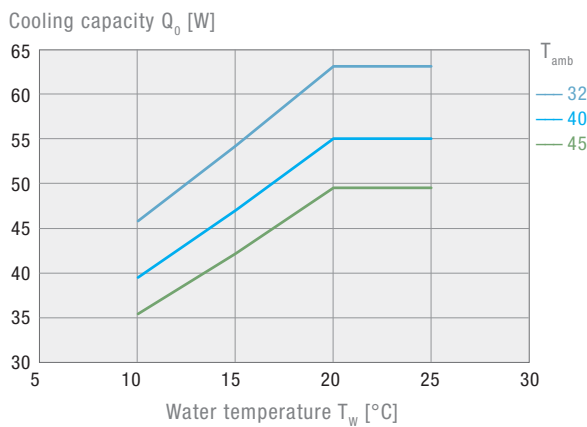
EB XT 400 WT (50 Hz)¹



EB XT 500 WT (50 Hz)¹

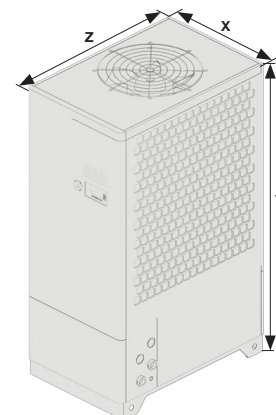


EB XT 600 WT (50 Hz)¹



Dimensions

mm	EB XT 400 500 600 WT
X	830
Y	2030
Z	1240



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