

Chillers 7.500– 15000 W

EB 75 WT / EB 90 WT / EB 130 WT / EB 150 WT

- 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

Further options for the EB series chillers can be found on page 114.



Data		EB 75 WT	EB 90 WT	EB 130 WT	EB 150 WT	Unit
Article number		42030750003	42030900009	42031300001	42031500001	
Rated voltage ± 10 %		AC 50 Hz / 60 Hz				
		400 / 460 3~				V
Cooling capacity (with pump) ¹	W18/L32	7.5 / 8.3	9.0 / 10.0	13.0 / 14.3	15.0 / 16.6	kW
	W10/L32	5.4 / 5.7	6.9 / 7.5	10.5 / 11.4	11.8 / 12.8	
Flow rate (pump) ²		35	35	35	35	l/min
Pressure (head) (pump)		3.0				bar
Ambient temperature range		+ 15 ... + 40 / + 59 ... + 104				
Control range (refrigerant outlet temperature)		+ 10 ... + 35 / + 50 ... + 95; factory setting + 18 / + 64				°C / °F
Target value tolerance		± 2.0				K
Refrigerant	type	R404a				
Power consumption	W18/L32	4.87 / 5.76	6.48 / 7.1	8.0 / 10.0	8.86 / 11.01	kW
Current consumption	W18/L32	9.7 / 9.7	13.17 / 13.0	14.5 / 15.8	16.39 / 17.91	A
Starting current	W18/L32	30.6 / 31.4	42.5 / 46.6	65.4 / 68.9	72.8 / 75.9	A
Control voltage		24 V AC				V
Volumetric airflow	external	3000	5000			m³/h
Tank volume		50				l
Connections (medium)	IG	1"				BSPP
Noise level (according to EN ISO 3741)		< 72				dB (A)
Weight (without packaging)		160	180	205	225	kg
System of protection (enclosure electrical components)		IP 56				
Colour		RAL 7035 (different colours on request)				
Accessories		Article number				
Overflow valve (internal)		48000012267				
Flow monitor		48000012269				
Aluminium pre-filter (condenser)		45000012287				
Casters		45000012285				
20% Propylenglycol pre-mix	20 l	45783000123				
20% Ethylenglycol pre-mix	20 l	45783000125				

¹ cooling capacity incl. power loss in the pump, refrigerant outlet temperature + 18 °C, ambient temperature + 32 °C

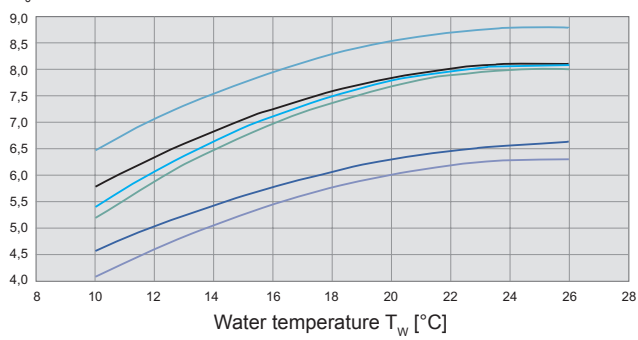
² performance data based on 50 Hz operation

Approvals see page 91

Cooling capacity performance curves

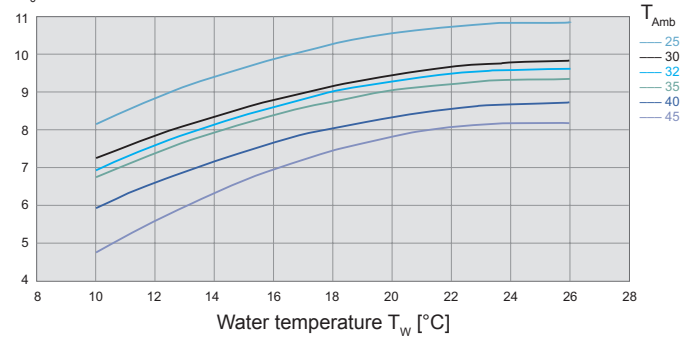
EB 75 WT (50 Hz)¹

Cooling capacity
 Q_0 [kW]



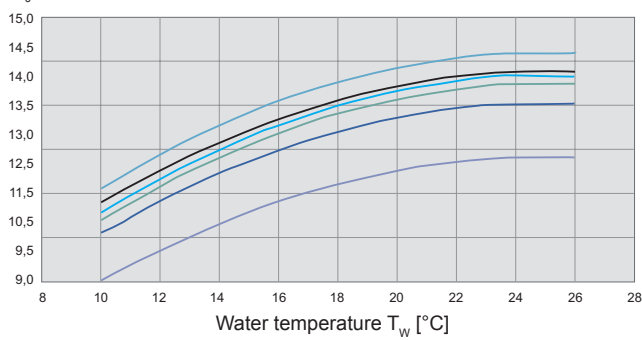
EB 90 WT (50 Hz)¹

Cooling capacity
 Q_0 [kW]



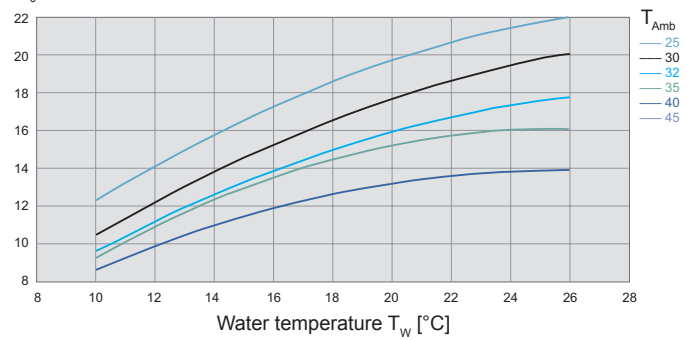
EB 130 WT (50 Hz)¹

Cooling capacity
 Q_0 [kW]



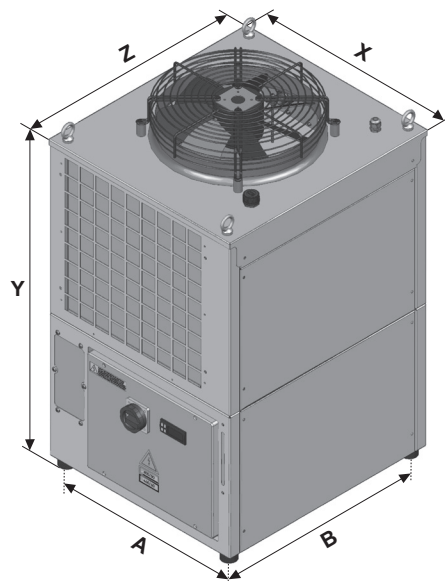
EB 150 WT (50 Hz)¹

Cooling capacity
 Q_0 [kW]



Dimensions

mm	EB 75/90/130 WT
X	705
Y	1290 ²
Z	765
A	645
B	700



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

² incl. fan