

EB 75 WT EB 130 WT

EB 90 WT EB 150 WT

Chillers

8300 - 16600 W



- Robust industry standard
- Fluid cooling with water and water/glycol mixtures
- 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

Data		EB 75 WT	EB 90 WT	EB 130 WT	EB 150 WT	Unit
Part number		Consult Factory	Consult Factory	Consult Factory	Consult Factory	
Rated voltage ± 10 %		AC 50 Hz / 60 Hz				
		400 / 460 3Ø				V
Cooling capacity (with pump) ¹	W64/L90 (W18/L32)	25591 / 28321 (7.5 / 8.3)	30709 / 34121 (9.0 / 10.0)	44358 / 48794 (13.0 / 14.3)	51182 / 56642 (15.0 / 16.6)	Btu/h (kW)
	W50/L90 (W10/L32)	18426 / 19449 (5.4 / 5.7)	23544 / 25591 (6.9 / 7.5)	35828 / 38898 (10.5 / 11.4)	40263 / 43675 (11.8 / 12.8)	
Flow rate (pump) ²		9.25 (35)	9.25 (35)	9.25 (35)	9.25 (35)	GPM (l/min)
Pressure (head) (pump)		43.5 (3.0)				PSI (bar)
Ambient temperature range		+ 59 ... + 104 / + 15 ... + 40				°F / °C
Control range (refrigerant outlet temp.)		+ 50 ... + 95 / + 10 ... + 35; factory setting + 64 / + 18				
Target value tolerance		± 2.0				K
Refrigerant	type	R404a				
Power consumption	W64/L90 (W18/L32)	4.87 / 5.76	6.48 / 7.81	8.0 / 10.0	8.86 / 11.01	kW
Current consumption	W64/L90 (W18/L32)	9.7 / 9.7	13.17 / 13	14.5 / 15.8	16.39 / 17.91	A
Starting current	W64/L90 (W18/L32)	30.6 / 31.4	42.5 / 46.6	65.4 / 68.9	72.8 / 75.9	A
Control voltage		24VAC				V
Volumetric air flow	external	1766 (3000)	2943 (5000)			CFM (m ³ /h)
Tank volume		13.21 (50)				GAL (l)
Connections (medium)	IG	1"				NPT
Noise level (according to EN ISO 3741) ³		< 72				dB(A)
Weight (without packaging)		353 (160)	397 (180)	452 (205)	496 (225)	lb (kg)
System of protection (enclosure electrical components)		IP 56				
Color ⁴		RAL 7035				

Accessories

Overflow Valve (Internal)	0.5° K Temperature Stability	Viton Pump Seal
Low Flow Monitor	Min. / Max. Temperature Alarm	High Pressure Pump
Tank Level Monitor	Ambient Differential Control	Stainless Steel Pump
Aluminum Condenser Filter	Casters	10 Pole Harting Plug

¹ cooling capacity incl. power loss in the pump, water outlet temperature + 64 °F (18 °C), ambient temperature + 90 °F (32 °C)

² performance data based on 50 Hz operation

³ open-air measurement at a distance of 39.37" (1 m)

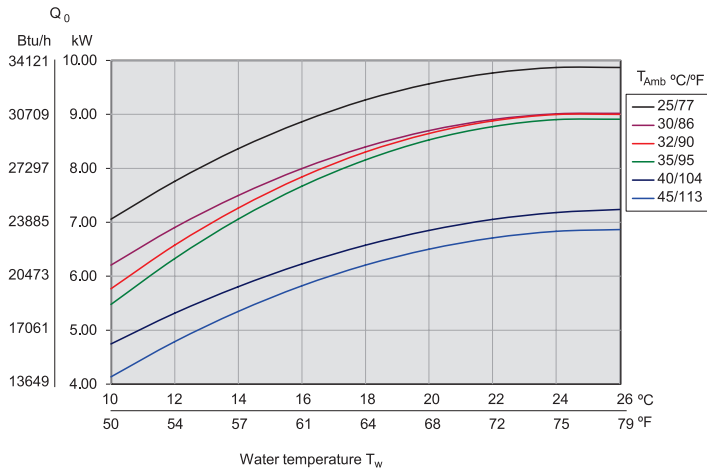
⁴ different colors on request

Approvals see page 114

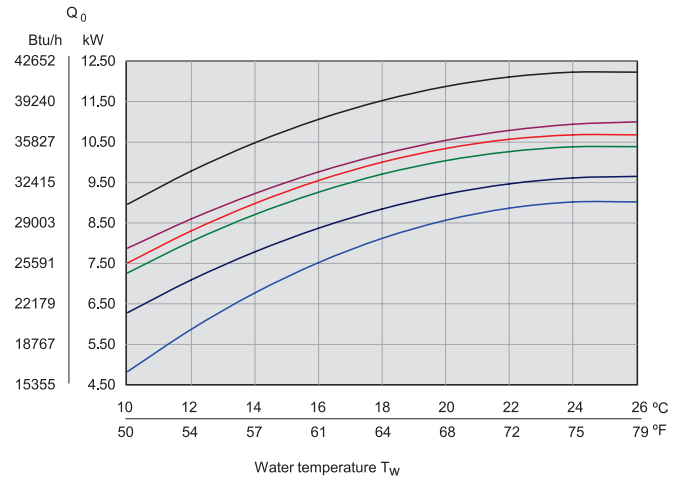
1 Ton = 12,000 Btu/h = 3517 Watts = 1 Ton

Cooling Capacity Performance Curves

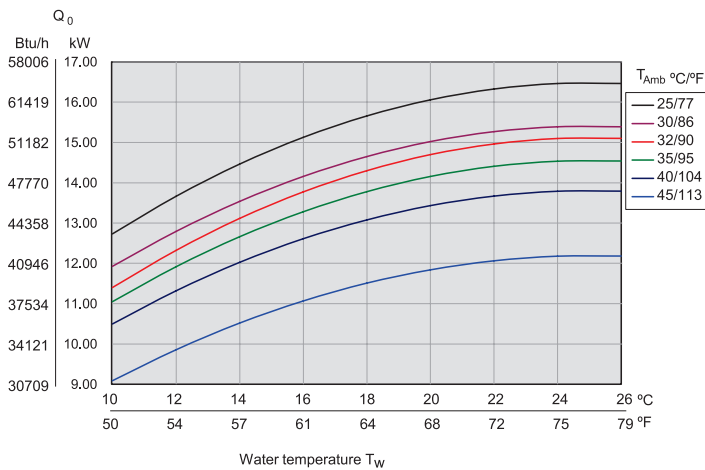
EB 75 WT (60 Hz)¹



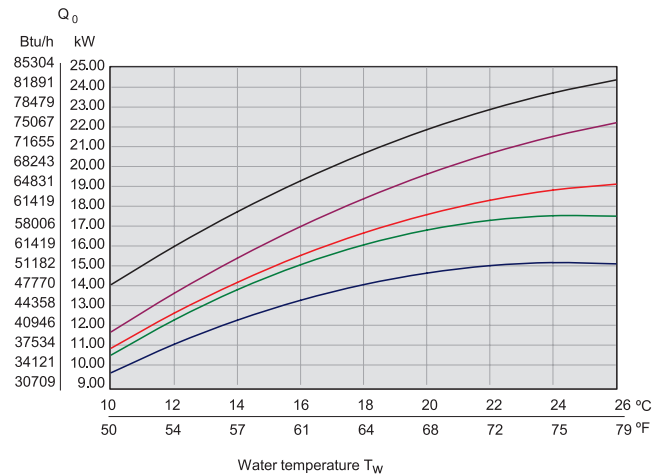
EB 90 WT (60 Hz)¹



EB 130 WT (60 Hz)¹



EB 150 WT (60 Hz)¹

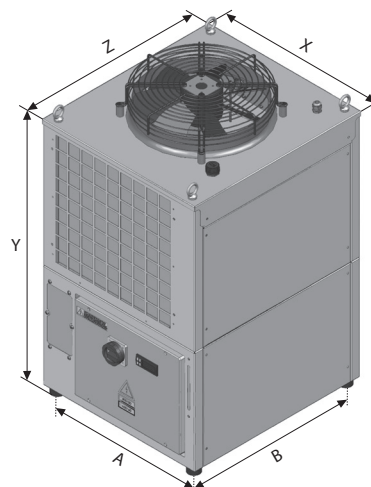


Dimensions

inches (mm)	EB 75/90/130/150 WT
X	27.76 (705)
Y	50.79 (1290 ²)
Z	30.12 (765)
A	25.40 (645)
B	27.56 (700)

¹ the performance curves for the 50 Hz version can be obtained from your Pfannenberg advisor or at www.pfannenberg.com

² incl. fan



1 Ton = 12,000 Btu/h = 3517 Watts = 1 Ton