

EB 300 WT

EB 350 WT

EB 400 WT

Chillers

32800–44400 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 300 WT	EB 350 WT	EB 400 WT	Unit
Part number		Consult Factory	Consult Factory	Consult Factory	
Rated voltage ± 10 %		AC 50 Hz / 60 Hz			V
		400 / 460 3Ø			
Cooling capacity (with pump) ¹	W64/L90 (W18/L32)	102364 / 111918 (30.0 / 32.8)	119425 / 130685 (35.0 / 38.3)	136486 / 151499 (40.0 / 44.4)	Btu/h (kW)
	W50/L90 (W10/L32)	70290 / 78138 (20.6 / 22.9)	79844 / 88716 (23.4 / 26.0)	94175 / 104412 (27.6 / 30.6)	
Flow rate (pump) ²		21.1 (80)			GPM (l/min)
Pressure (head) (pump)		50.8 (3.5)			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	R407c			
Power consumption	W64/L90 (W18/L32)	14.2 / 17.8	18.5 / 21.4	20.6 / 24.8	kW
Current consumption	W64/L90 (W18/L32)	26.5 / 27.3	32.5 / 32.9	37.0 / 37.6	A
Starting current	W64/L90 (W18/L32)	157.8 / 161.1	182.8 / 191.1	212.9 / 216.1	A
Control voltage		24VAC			V
Volumetric air flow	external	8299 / 9129 (14100 / 15510)	8299 / 9129 (14100 / 15510)	8299 / 9129 (14100 / 15510)	CFM (m ³ /h)
Tank volume		31.7 (120)			GAL (l)
Connections (medium)	IG	1-1/2"			BSPP
Noise level (according to EN ISO 3741) ³		< 73			dB(A)
Weight (without packaging)		957 (434)	988 (448)	1049 (476)	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

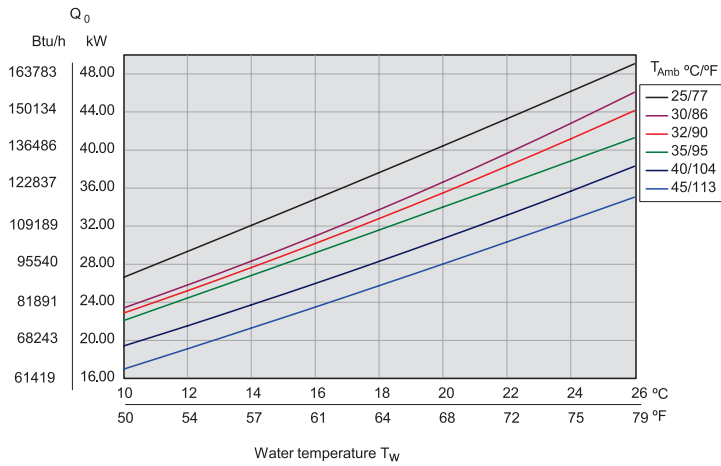
Approvals see page 114

* Actual unit may differ from rendering above.

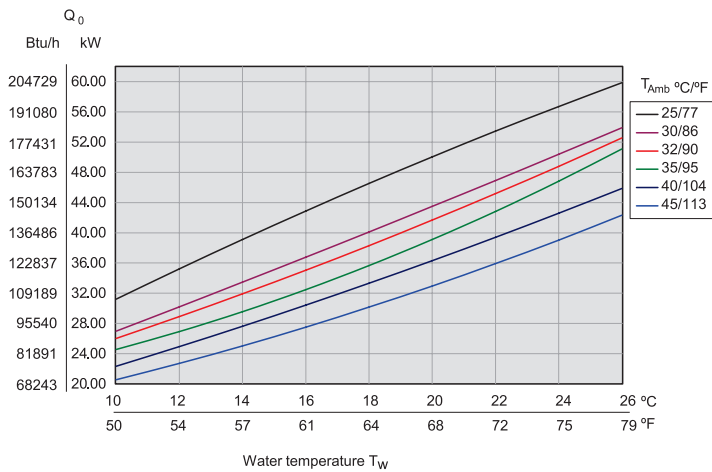
1 Ton = 12,000 Btu/h = 3517 Watts = 1 Ton

Cooling Capacity Performance Curves

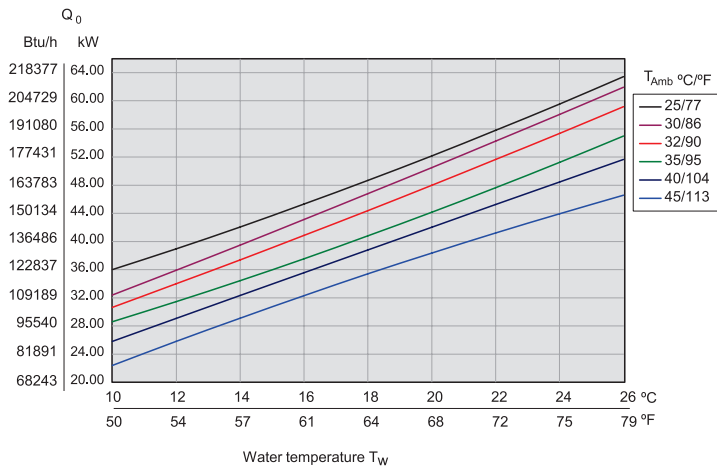
EB 300 WT (60 Hz)



EB 350 WT (60 Hz)



EB 400 WT (60 Hz)



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

Dimensions

inches (mm)	EB 300/350/400 WT
X	66.14 (1680)
Y	55.51 (1410 ²)
Z	31.10 (790)
A	62.80 (1595)
B	27.36 (695)

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

² incl. fan

