

EB 75 (Oil) EB 130 (Oil)
EB 90 (Oil) EB 150 (Oil)

Chillers
7500 – 15000 W

- 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



Data	EB 75 (Oil)	EB 90 (Oil)	EB 130 (Oil)	EB 150 (Oil)	Unit
Part number	Consult Factory	Consult Factory	Consult Factory	Consult Factory	
Rated voltage ± 10 %	AC 50 Hz / 60 Hz				V
	400 / 460 3Ø				
Cooling capacity (with pump) ¹ O68/L90 (O20/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)
Flow rate (pump) ²	9.3 (35)	9.3 (35)	15.9 (60)	15.9 (60)	GPM (l/min)
Pressure (head) (pump)	145 (10)				PSI (bar)
Ambient temperature range	+59 ... +104 / +15 ... +40				°F / °C
Control range (refrigerant outlet temp.)	+68 ... +95 / +20 ... +35 ; factory setting +79 / +26				
Target value tolerance	± 2.0				K
Refrigerant type	R404a				
Power consumption O68/L90 (O20/L32)	5.27 / 6.26	6.88 / 8.11	8.4 / 10.5	9.36 / 12.61	kW
Current consumption O68/L90 (O20/L32)	10.6 / 11.1	14.07 / 14.4	15.4 / 17.2	17.79 / 19.31	A
Starting current O68/L90 (O20/L32)	31.3 / 31.4	43.94 / 48.6	67 / 70.1	74.1 / 77.3	A
Control voltage	24VAC				V
Volumetric air flow external	1766 (3000)	5000 (2942.89)			CFM (m³/h)
Tank volume					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				

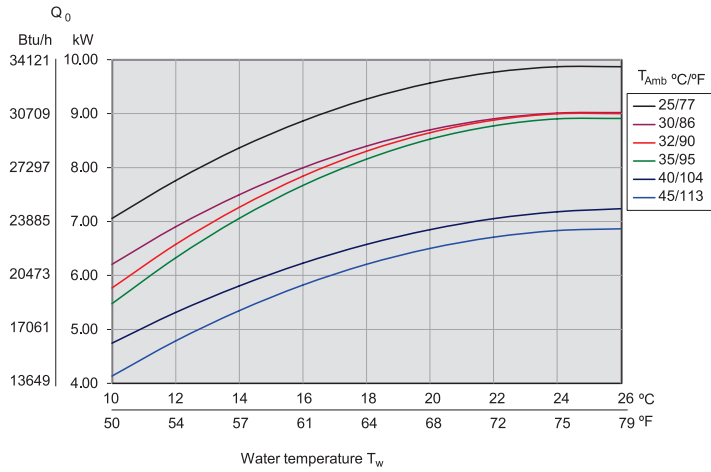
Accessories		
Overflow Valve (Internal)	0.5° K Temperature Stability	Viton Pump Seal
Low Flow Monitor	Min. / Max. Temperature Alarm	High Pressure Pump
Tank Level Monitor	Ambient Differential Control	Stainless Steel Pump
Aluminum Condenser Filter	Casters	10 Pole Harting Plug

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

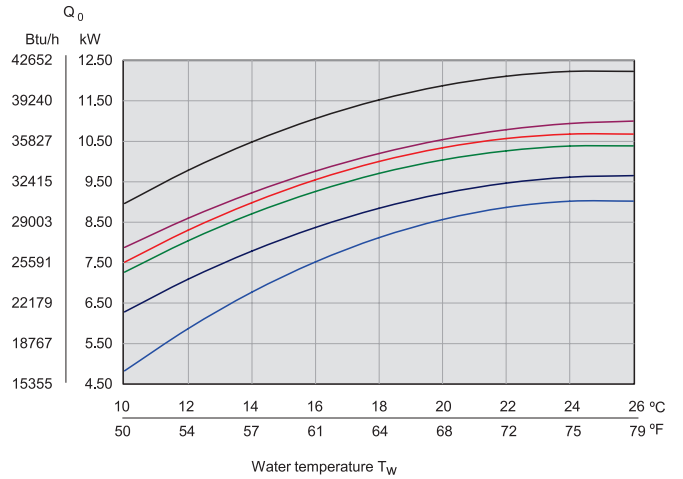
1 Ton = 12,000 Btu/h = 3517 Watts = 1 Ton

Cooling Capacity Performance Curves

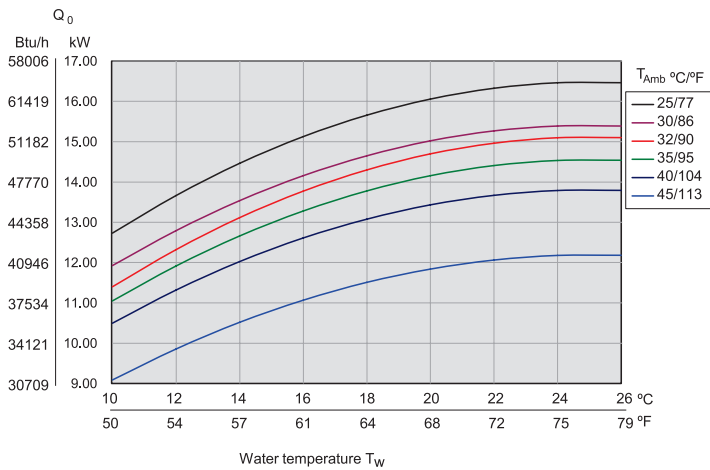
EB 75 Oil (60 Hz)¹



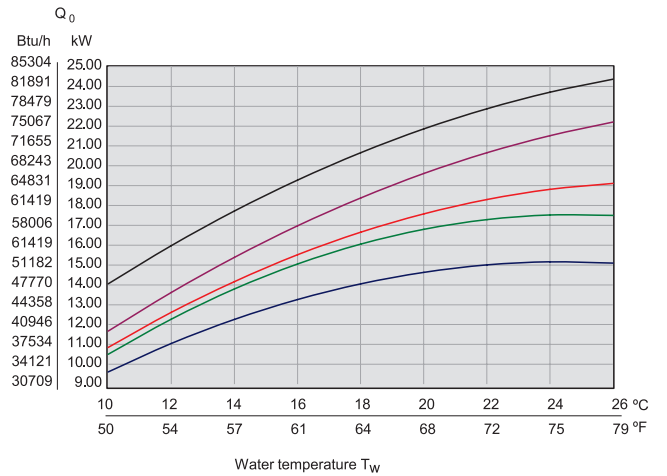
EB 90 Oil (60 Hz)¹



EB 130 Oil (60 Hz)¹



EB 150 Oil (60 Hz)¹

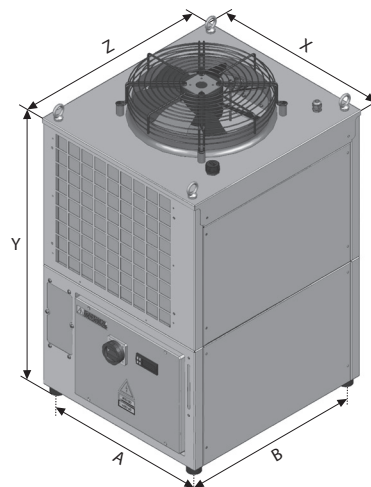


Dimensions

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



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