

EB 2.0 L CHILLERS

EB 260 WT / EB 310 WT
/ EB 440 WT

75,000 - 153,000 BTU/hr

Specifically developed to meet the demanding requirements of today's industrial applications, the EB 2.0 L chillers allow higher cooling capacities in the smallest possible footprint. With a long list of standard features and many available options, Pfannenberg's EB series provides the best choice for cooling of machinery of any kind.

- Aluminum air filter
- Mod-bus communication RTU RS485
- 5 bar pump
- Flowswitch
- Hot gas bypass with stability +/-1K (50-100% load)
- Differential thermostat probe +/-0.5K
- Item number description of accessories (separate items)
- Harting connector for outdoor electrical application
- Outdoor installation down to -10°C (14F)
- UL508A e-box for outdoor applications

Powerful basic equipment

High-quality controllers enable numerous additional functions and error detection.

Numerous options

Many optional features including advanced sensors, communication and industrial connectors.

Flexible power supply

Possible use in different voltages.
E.g. 400 V 50 Hz and 460 V 60 Hz.

Environmentally friendly

Thanks to microchannel technology the content of refrigerants is kept to a minimum in the refrigeration circuit.

CE and UL certification

Certified to CE and UL508a as a standard.

Cooling medium

Water | water/glycol mixtures.

High performance fans

Huge airflow to guarantee operation even at high ambient conditions.

Robust industry standard

Steel housing with thick powder coating.



EB 260 / 310 / 440 WT-UL-CUS CHILLERS (89,053 - 151,492 BTU/hr)

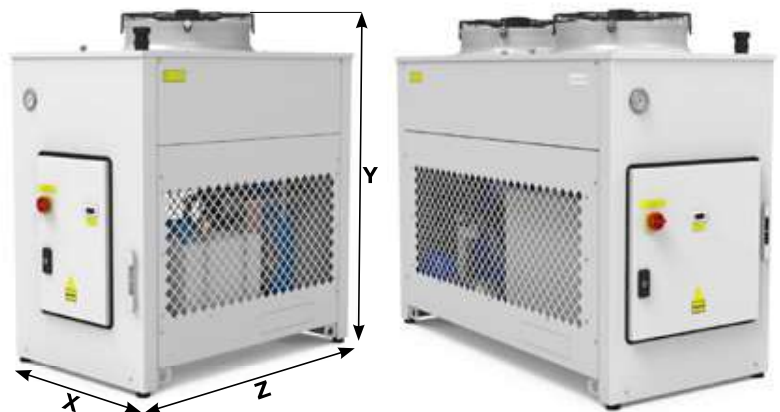
Model Number	Rated Voltage	Cooling Capacity			Flow Rate	Pump Pressure	Tank Volume	Connections	Dry Weight
	AC 50 / 60 V ±10 %	W64 / A90 (with pump) 60 Hz			(pump)			(medium) IG	(without packaging)
		BTU/hr	kW	Ton	GPM	psig	gal	BSP	lbs
EB 260 WT-UL-CUS Part Number: 42032605003	400 / 460 3~	89,053	26.1	7.4	22	72	18.492	1-1/4"	888.463
EB 310 WT-UL-CUS Part Number: 42033105002	400 / 460 3~	106,454	31.2	8.8	36	72	52.8344	1-1/2"	956.806
EB 440 WT-UL-CUS Part Number: 42034405005	400 / 460 3~	151,492	44.4	12.6	48	72	52.8344	1-1/2"	1102.31

Additional Data	EB 260	EB 310	EB 440
Ambient temp. range	Min: -10°C / 14°F . . . Max: 45°C / 113°F		
Medium	Water / Glycol – 80% / 20%		
Medium temperature (outlet)	50°F to 95°F (10°C to 35°C); Factory Setting 64°F (18°C)		
Target value tolerance (°k)	±1K (±0.5K optional)		
Refrigerant type	R407C		
Max power consumption (kW)	12.1 / 14.2	17.4 / 22.2	19.1 / 23
Max current consumption (A)	22 / 22.5	31 / 33	34.5 / 35
Max Noise level @ 60 Hz (EN ISO 3741)	82 dB		
Application Environment	Indoor/Outdoor Use		
Design	Housing/Cover: powder coated RAL 7035 (light gray)		

For additional technical data, drawings and templates visit www.pfannenbergusa.com
Subject to technical amendments and misprints.

EB 260 WT-UL-CUS

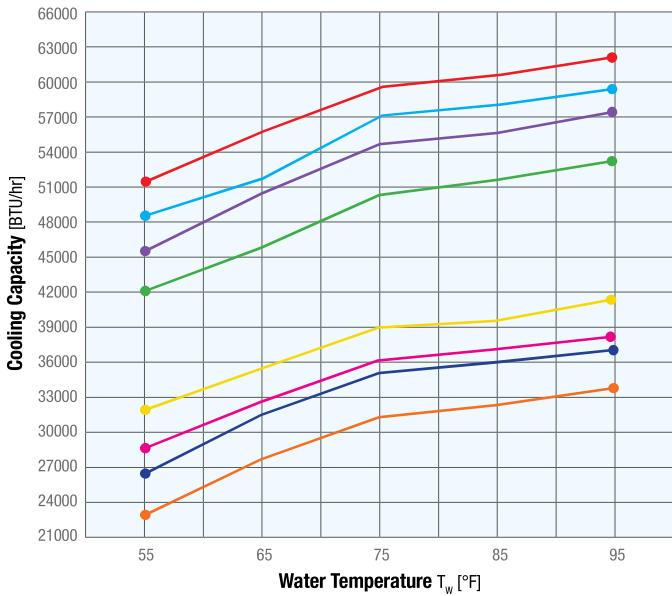
EB 310 / 440 WT-UL-CUS



Dimensions

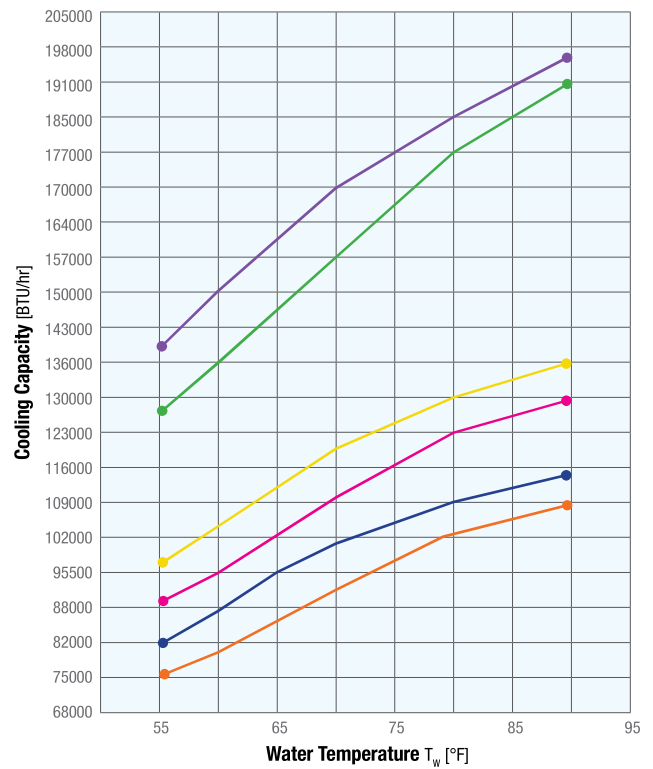
inches	EB 260 WT-UL-CUS	EB 310 / 440 WT-UL-CUS
X	30	31
Y	55.5	55.7
Z	49.6	65.7

EB 80 WT (60Hz) / EB 95 WT (60Hz)
EB 140 WT (60Hz) / EB 160 WT (60Hz)



EB 140 WT — 60Hz Tamb 90°F — EB 160 WT — 60Hz Tamb 90°F
 — 60Hz Tamb 77°F — — 60Hz Tamb 77°F —
 EB 80 WT — 60Hz Tamb 90°F — EB 95 WT — 60Hz Tamb 90°F
 — 60Hz Tamb 77°F — — 60Hz Tamb 77°F —

EB 260 WT (60Hz) / EB 310 WT (60Hz)
EB 440 WT (60Hz)



EB 260 WT — 60Hz Tamb 95°F — EB 310 WT — 60Hz Tamb 95°F
 — 60Hz Tamb 77°F — — 60Hz Tamb 77°F —
 EB 440 WT — 60Hz Tamb 95°F —
 — 60Hz Tamb 77°F —

Pfannenberg's innovation has made it one of the largest globally operating manufacturers of thermal management and process cooling equipment today. Our wide product range stretches from complete system solutions for machine cooling and enclosure air conditioning to individual warning and signaling components.

We speak your language - In addition to manufacturing facilities located on three continents, Pfannenberg has developed a worldwide network of local subsidiaries and sales partners eager to meet your service needs.

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Pfannenberg Sales America, LLC
 68 Ward Road
 Lancaster, New York 14086 USA
 Phone: 716-685-6866
 Fax: 716-681-1521
 Email: sales@pfannenbergusa.com

Contact Your Local Representative:

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