EB L 410 WT I 440 WT
CHILLERS 41–44 kW

- Robust industry standard, thanks to steel housing and thick powder coating.
- Cooling medium: water/water-glycol mixtures.
- Huge airflow to guarantee operation even at high ambient temperatures.
- High-quality controllers enable, numerous additional functions and error detection.
- Thanks to microchannel technology the content of refrigerants is kept to a minimum in the refrigeration circuit.
- 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.
- Available with CE and UL508a certification.

IP 54 protection system

water I water/glycol

small hysteresis

microchannel technology

RAL 7035

different RAL available

enhanced pump

service friendly

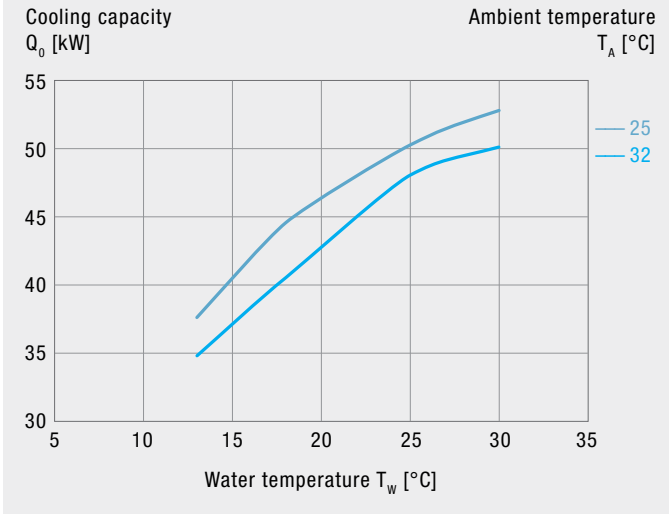
PRODUCT		EB L 410 WT	EB L 440 WT	
ARTICLE NO.		42034105001	42034405001	UNIT
DATA				
Rated voltage		50 I 60		Hz ±1 %
		400 3~ I 460 3~		V ±10 %
Cooling capacity (with pump)	W18/A32	40.5 I 48.5	43.5 I 52.2	kW
Flow rate (pump)		105 I 125	105 I 125	l/min
Pump pressure		2.5 I 3.7		bar
Ambient temperature		+15 … +43		°C
Medium		water I water/glycol		
Medium temperature (outlet)		+13 … +30 I factory setting +18		°C
Target value tolerance		±2		K
Refrigerant		R407C		
Max power consumption		18.1 I 21.8	19.1 I 23	kW
Max current consumption		31.5 I 33	34.5 I 35	A
Starting current		131 I 135	143 I 147	
Control voltage		AC 24		V
Airflow [1]	external	12000		m^3/h
Tank volume		200		l
Connections (medium)	IG	1 1/2"		BSP
Dimensions (X x Y x Z)		1680 x 1410 x 790		mm
Weight (net)		476	500	kg
Degrees of protection of electrical equipment (EN 60529)		IP 54		
Colour		RAL 7035 I different colours available on request		

For additional models, options and voltages visit www.pfannenberg.com or contact us directly.

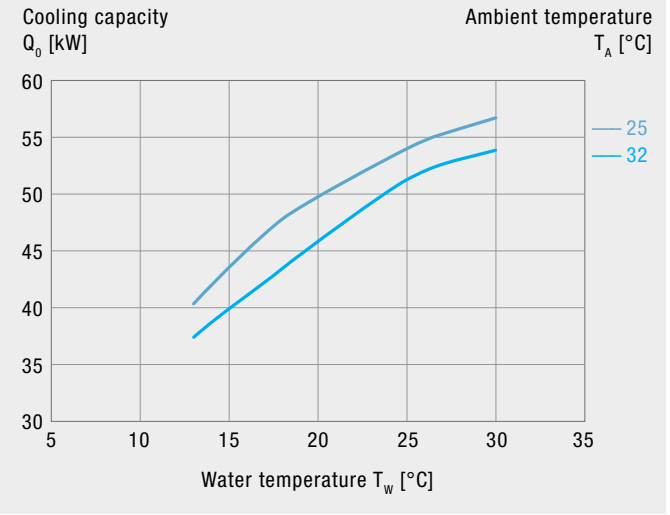
[1] performance data based on 50 Hz operation.

Cooling capacity performance curves

EB L 410 WT



EB L 440 WT



EB 2.0: The performance curves include standard pump losses and refer to operation at 50 Hz with water. Compared to values indicated for ambient temperature of 32 °C, capacity values will decrease by approximately 20 % (30 %) during operation at 40 °C (45 °C) ambient temperature.