CCE CHILLER
LIQUID COOLING



www.pfannenbergusa.com/liquid-cooling/

Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

CCE CHILLERS | CCE 6301 / CCE 6401 CCE 6601

8,000 - 22,000 BTU/hr

FEATURES

Programmable smart controller • Non-ferrous hydraulic circuit • R134a environmental friendly refrigerant • Micro-channel condenser • Compact size and easy installation • Suitable for water or water/glycol mix • System alarms for accurate maintenance



SMART CONTROLLER

- Sets min/max water temperature with alarm.
- Equipped with a programmable control for precise ± 2c temperature regulation of the cooling medium.

FLUID FLOW PROTECTION

- Flow switch will trigger alarm if flow is too low, protecting the equipment being cooled.
- Electric tank level switch connected to controller protects pump from damage caused by running dry.

SYSTEM PROTECTION

- Cooled with water or water/glycol mixtures.
- Internal hydraulic bypass protects pump by ensuring minimum flow and protects the application by limiting the system pressure.
- Filter alarm on chiller detects decrease of performance due to air contamination.

EASE OF INSTALLATION

- Can be mounted on top of the enclosure.
- Crane lifting ready for moving with eye-bolts.

EASY FLUID ACCESS

- Reliable, easy to read level indication.
- Open-loop design for easy fluid monitoring.
- Top-up access in the front with gauge level on top.
- Manometer to read fluid loop pressure.

NON-FERROUS DESIGN

- Non-Ferrous tank and piping reduces corrosion.
- Stand-alone chiller has steel housing with thick powder coating.
- Robust industry standard with eyebolts.

**Integration of project-specific additional components is available on request.

CCE CHILLERS (8,000 - 22,000 BTU/hr)

Model Number	Rated Voltage AC 50 / 60	Cooling Capacity W18 / A32 (with pump) 60 Hz			Flow Rate (pump)	Pump Pressure	Tank Volume	Connections (medium) IG	Dry Weight (without packaging)
	V ±10 %	BTU/hr	kW	Ton	GPM	psig	gal	BSP	lbs
CCE 6301 Part Number: 42130245011	230 1~	8,200	2.4	.68	2	50.5	3	1/2"	158
CCE 6401 Part Number: 42130355012	400 3~ / 460 3~	12,000	3.5	1	6	44	7	3/4"	240
CCE 6601 Part Number: 42130655011	400 3~ / 460 3~	22,000	6.5	1.8	6	44	7	3/4"	251

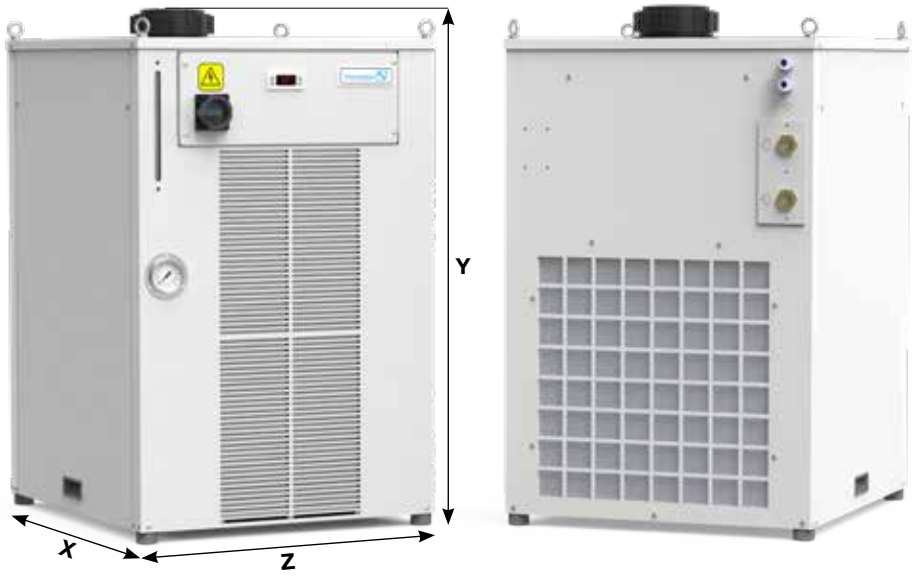
Additional Data	CCE 6301	CCE 6401	CCE 6601
Ambient temp. range	Min: 15°C / 59°F . . . Max: 45°C / 113°F		
Recommended Medium	Water / Glycol – 80% / 20%		
Medium temperature (outlet)	55°F to 95°F (13°C to 35°C); Factory Setting 64°F (18°C)		
Target value tolerance (°F)	±2		
Refrigerant type	R134A		
Max power consumption (kW)	1.5 / 1.7	2.5 / 3.1	4.1 / 5
Max current consumption (A)	7.5 / 8	6.5 / 7	9.5 / 10
Max Noise level @ 50 Hz (EN ISO 3741)	62 dB (A)		
Protection system according to EN 60529	NEMA Type 12 - Indoor use only (IP 54)		
Design	**Housing/Cover:** powder coated RAL 7035 (light gray)		

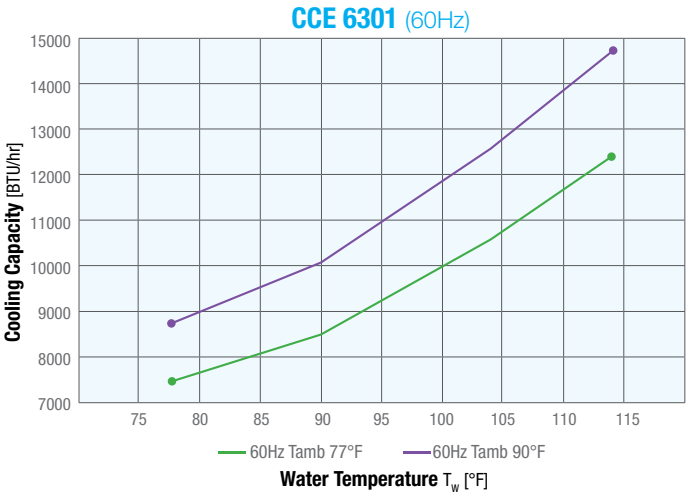
For additional technical data, drawings and templates visit www.pfannenbergusa.com

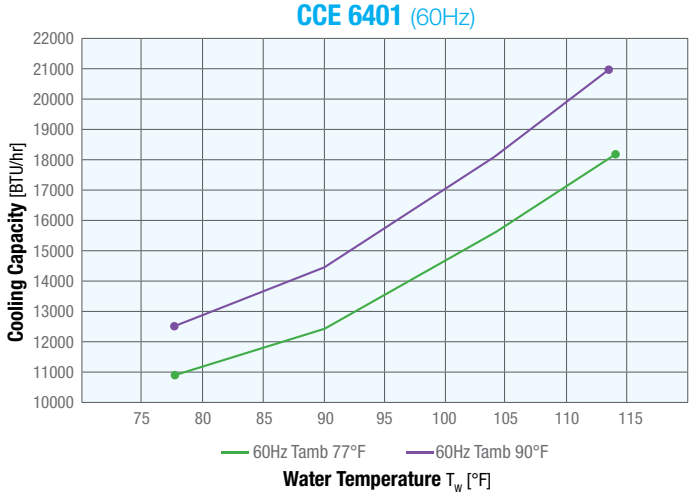
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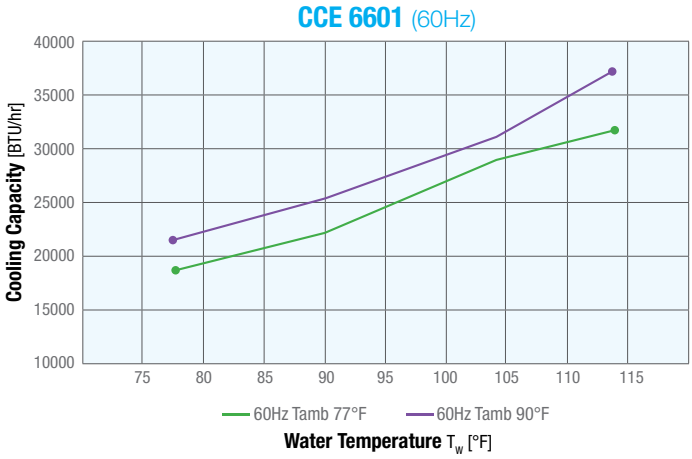
Dimensions

Inches	CCE 6401 / CCE 6601	CCE 6301
X	23.62	23.62
Y	36.27	22.5
Z	26.61	19.4









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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