

RACK 1100 | RACK 1700

CHILLERS 1100–1700 W

- stand-alone chiller
- fluid cooling with water, water/glycol mixtures and low-viscosity oils*
- anodised aluminium housing cover
- basic housing made of powder-coated sheet steel
- robust laboratory and industry standard in 2 performance classes
- integration of project-specific additional components is possible on request
- option: UL approved

* maximum viscosity 10 cSt (10 mm²/s) @ + 40 °C



PRODUCT		RACK 1100		RACK 1700		
ARTICLE NO.		42010110008		42010170011		UNIT
DATA						
Rated voltage		AC 50 60				Hz ±1 %
		230 1~				V ±10 %
Cooling capacity (with pump)	W18/A32	1.1 1.35		1.7 2.05		kW
Flow rate (pump) ¹		12				l/min
Pump pressure		2				bar
Ambient temperature		+15 ... +45 +59 ... +113				°C F
Medium		water/glycol – 80/20				
Medium temperature (outlet)		+13 ... +35 +55 ... +95; factory setting +18 +64				°C F
Target value tolerance		±2				K
Refrigerant	type	R134a				
	quantity	700		800		g
Max power consumption		1.3 1.5		1.3 1.5		kW
Max current consumption		7.4 7.6		7.4 7.6		A
Starting current		28.2 27.7		28.2 27.7		
Control voltage		AC 230				V
Pre fuse T		10		10		A
Airflow ¹	external	806		1182		m³/h
Tank volume		5				l
Connections (medium)	IG	3/8"				BSP
Noise level @ 50 Hz (EN ISO 3741)		< 66				dB (A)
Weight (without packaging)		42				kg
Protection system according to EN 60529	IP 20	electrical equipment				
Colour		RAL 9005 cover: aluminium				
For additional models, options, voltages and accessories visit www.pfannenbergl.com or contact us directly.						

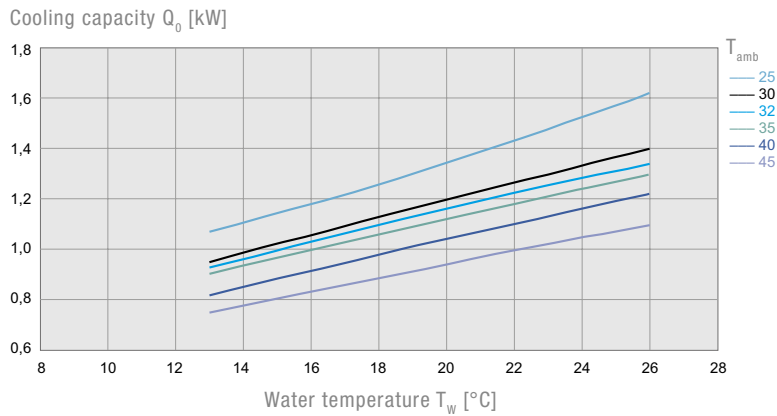
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¹ performance data based on 50 Hz operation

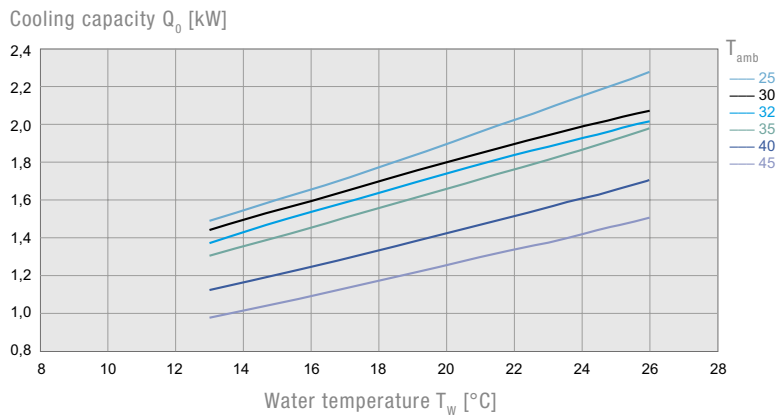


Cooling capacity performance curves

Rack 1100 (50 Hz)¹



Rack 1700 (50 Hz)¹



Dimensions

mm	Rack 1100 1700
X	450
Y	394
Z	481
A	425
B	451

¹ the performance curves for the 60 Hz version can be obtained from your Pfannenberg advisor or at www.pfannenberg.com

