

# Chillers 9000–24000 W

## PWW 9.000 / PWW 12.000 / PWW 18.000 / PWW 24.000

- easily removable panels for easy access to interior components
- corrosion prevention with nonferrous construction
- closed loop system
- process water regulation valve (AVTA)
- control circuit on/off switch for service convenience
- corrosion-resistant fixed piping for water circulation
- programmable controller (solid-state)
- multi stage centrifugal pump
- customer specific modification upon request



Data		PWW 9.000	PWW 12.000	PWW 18.000	PWW 24.000	Unit
Article number		42120905001	42121205001	42121805001	42122405001	
Rated voltage ± 10 %		AC 50 Hz / 60 Hz				
		230 1~				V
Cooling capacity (cooling water/process water) <sup>1</sup> (flow rate ration primary/secondary = 1/1)	W15/W20	9.0	12.0	18.0	24.0	kW
	W15/W25	10.0	13.5	20.0	27.0	
Cooling water outlet	temp. range	+ 10 ... + 35 / + 50 ... + 95; factory setting + 20 / + 68				°C/°F
	flow rate	70				l/min
	pressure	3				bar
Process water inlet	temp. range	+ 5 ... + 15 / + 41 ... + 59				°C/°F
	flow range	min. 35	min. 35	min. 70	min. 70	l/min
	pressure	1.5				bar
Ambient temperature range		> + 1 ... + 70 / > + 34 ... + 158				°C/°F
Target value tolerance		± 2				K
Power consumption	W15/W20	1720 / 2610				W
Current consumption	W15/W20	4.37 / 4.32				A
Starting current	W15/W20	17.48 / 17.28				A
Connections (medium)	IG	1/2"				BSPP
Noise level according to EN ISO 3741		< 62				dB (A)
Weight (without packaging)		50	53	60	65	kg
System of protection (enclosure electrical components)		IP 56				
Colour		RAL 7035, different colours available on request				
Accessories		Article number				
Temperature display		48700952805				
Overflow valve (internal)		48700952806				
Flow monitor		48700952807				
Water inlet filter	60 µ	48700952808				
20% Propyleneglycol pre-mix	20 l	45783000123				
20% Ethyleneglycol pre-mix	20 l	45783000125				
Casters		45700952809				

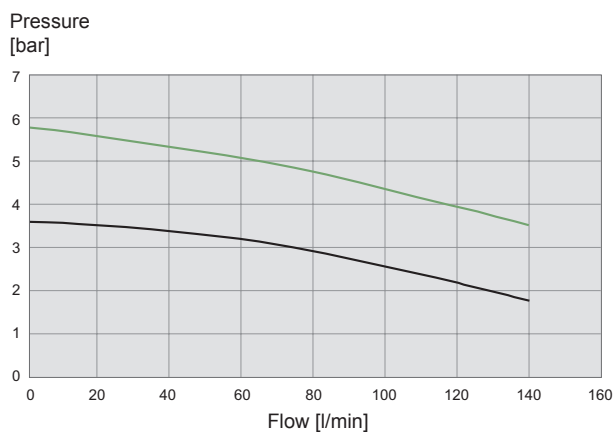
<sup>1</sup> cooling capacity incl. power loss in the pump, cooling water inlet temperature/process water outlet temperature

<sup>2</sup> performance data based on 50 Hz operation

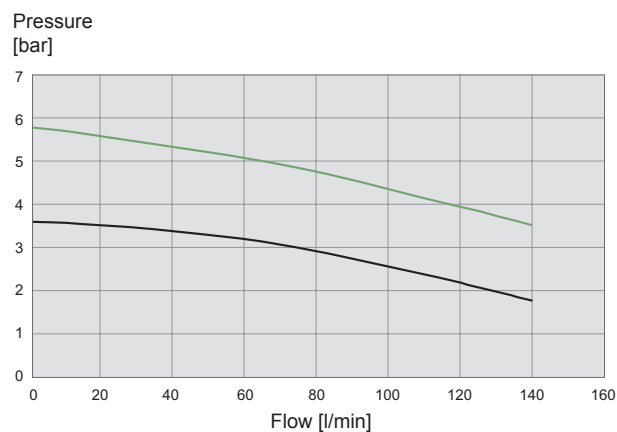
Approvals see page 99

**Pump performance curves**

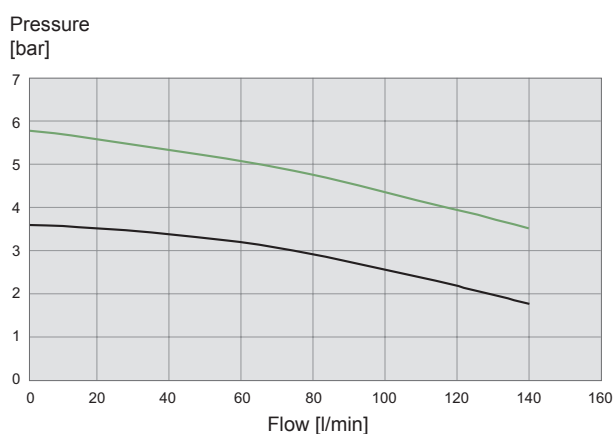
**PWW 9.000**



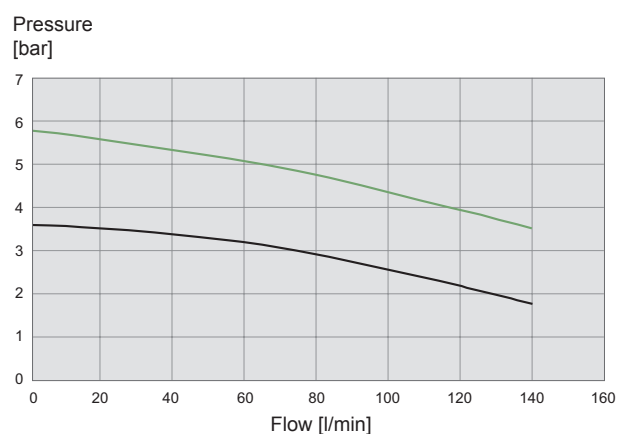
**PWW 12.000**



**PWW 18.000**

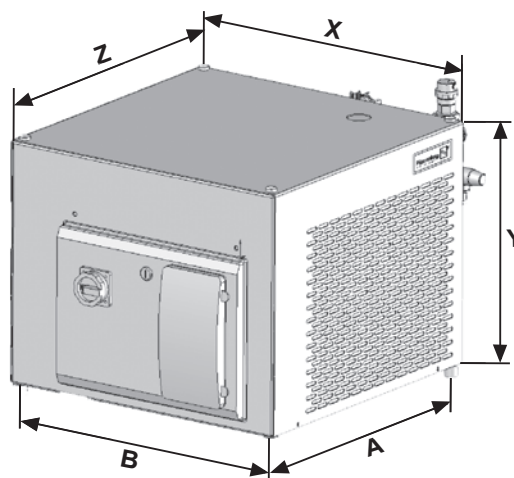


**PWW 24.000**



**Dimensions**

mm	PWW 9.000 - PWW 24.000
X	580
Y	500 <sup>1</sup>
Z	580
A	555
B	550



<sup>1</sup> without eye bolts