PWI/PWS 6502
ECOOL AIR/WATER HEAT EXCHANGER 5000 W



PWI: for partially recessed mounting in the door or side
PWS: for outer mounting on the door or side

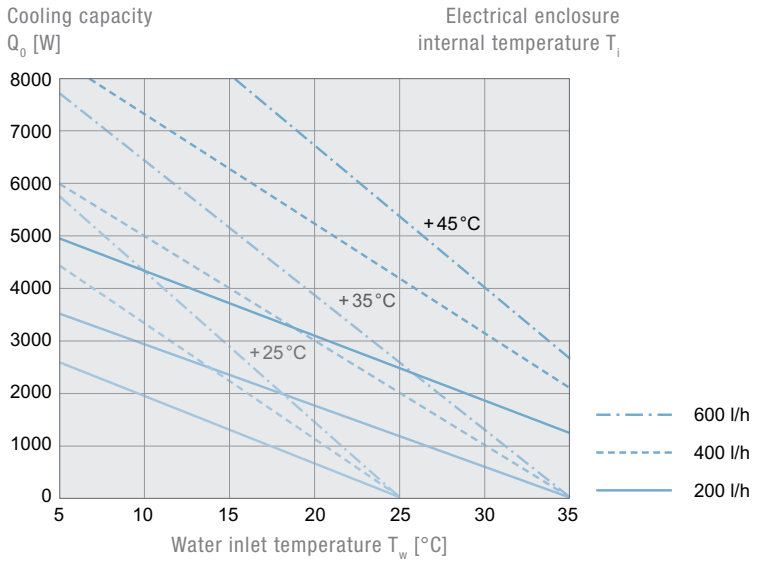
- offers the highest degree of safety and energy efficiency
- cut-out compatible with **ECOOL** system e.g. for air/air heat exchanger and cooling units
- easy mounting with click and fit system for partially sunk-in version PWI
- maintenance-free
- integrated thermostat and solenoid valve for temperature control
- integrated temperature monitoring with alarm contact

PRODUCT		PWI 6502			PWS 6502			
ARTICLE NO.		12893509055	12893501055	12893504055	12883509055	12883501055	12883504055	Unit
DATA								
Rated voltage ±10 %		AC 50 I 60		AC 60	AC 50 I 60		AC 60	Hz
		400	230	115	400	230	115	V
Cooling capacity @ 400 l/h	W10/A35	5000						W
Power consumption	W10/A35	79 I 130	209 I 292	294	79 I 130	209 I 292	294	
Current consumption	W10/A35	0.69 I 0.83	0.94 I 1.29	2.57	0.69 I 0.83	0.94 I 1.29	2.57	A
Starting current	W10/A35	1.6		3.2	1.6		3.2	
Unimpeded airflow (free flow)	internal	1425		1580	1425		1580	m³/h
Pre fuse T		2		4	2		4	A
Type of connection	electro	spring-type terminal included with plug						
	fluid	13 mm hose nozzle I other connectors on request						
Noise level according to EN ISO 3741		54						dB (A)
Weight (without packaging)		36.5	31.5	31.5	37.5	36.5	34.5	kg
Ambient temperature range		> +1 ... +70 I > +34 ... +158						°C I °F
Control range (adjustable)		+8 ... +50 I +47 ... +122; factory setting +35 I +95						
Water inlet temperature		> +2 ... +35 I > +34 ... +95						
Permissible operating pressure		max. 10						bar
Duty cycle		100						%
Condensate management		condensate drain						
Protection system according to EN 60529	IP 55	towards the electrical enclosure if used as intended by the manufacturer						
Design	housing	galvanised steel I electrostatically powder coated (200 °C) I stainless steel on request						
	heat exchanger	copper pipe with aluminium fins I stainless steel piping on request						
Colour	cover	RAL 7035 I different colours available on request						

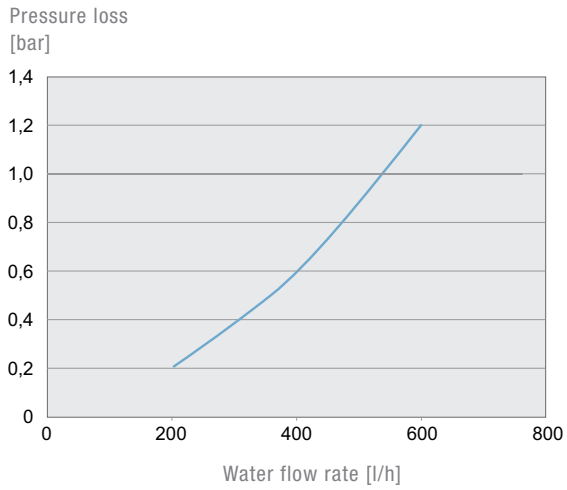
ACCESSORIES	Piece	ARTICLE NUMBER
External condensate evaporation system	1	18314000001
Condensate bottle	1	18314000100

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

Cooling capacity performance curves



Pressure loss performance curve



Dimensions

PWI	X	Y	Z1	Z2	K	L
mm	485	1544	86	100	1510	450

PWI variants partially recessed by 100 mm after installation

PWS	X	Y	Z	A	B	C	D	E	F	G	H	I
mm	485	1556	186	700	282	220	10	450	510	290	315	350

Mounting holes Ø 8 mm and cut-out radii R20

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