PWI/PWS 6102
ECOOL AIR/WATER HEAT EXCHANGER 1000 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

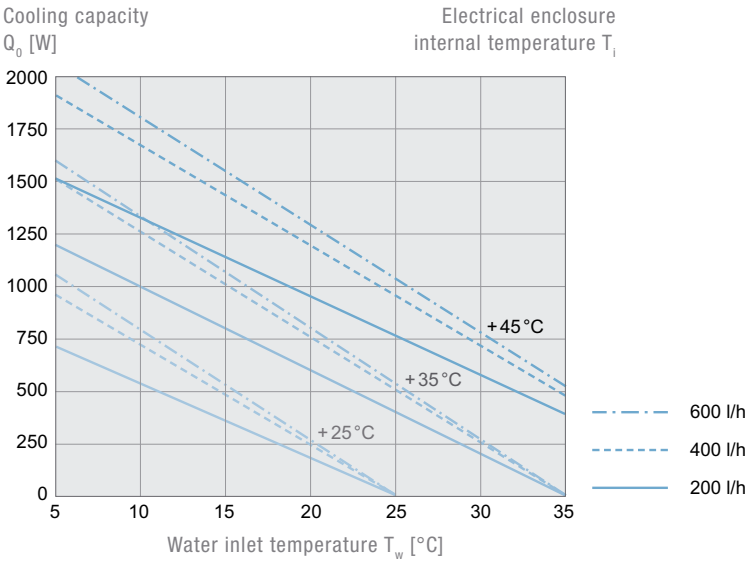


PRODUCT		PWI 6102		PWS 6102		
ARTICLE NO.		12891401055	12891404055	12881401055	12881404055	Unit
DATA						
Rated voltage ±10 %		AC 50 I 60	AC 60	AC 50 I 60	AC 60	Hz
		230	115	230	115	V
Cooling capacity @ 200 l/h	W10/A35	1000				W
Power consumption	W10/A35	68 I 78	70	68 I 78	70	
Current consumption	W10/A35	0.3 I 0.34	0.6	0.3 I 0.34	0.6	A
Starting current	W10/A35	0.4	0.7	0.4	0.7	
Unimpeded airflow (free flow)	internal	520				m^3/h
Pre fuse T		2				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		≤ 48				dB (A)
Weight (without packaging)		10.5		11		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				

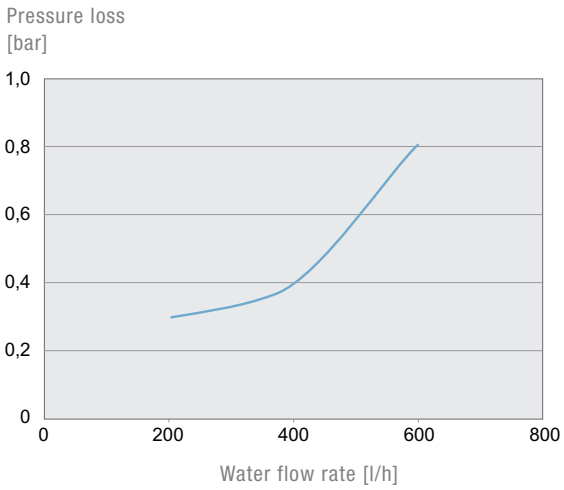
ACCESSORIES	Piece	ARTICLE NUMBER
External condensate evaporation system	1	18314000001
Condensate bottle	1	18314000100

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

Cooling capacity performance curves



Pressure loss performance curve



Dimensions

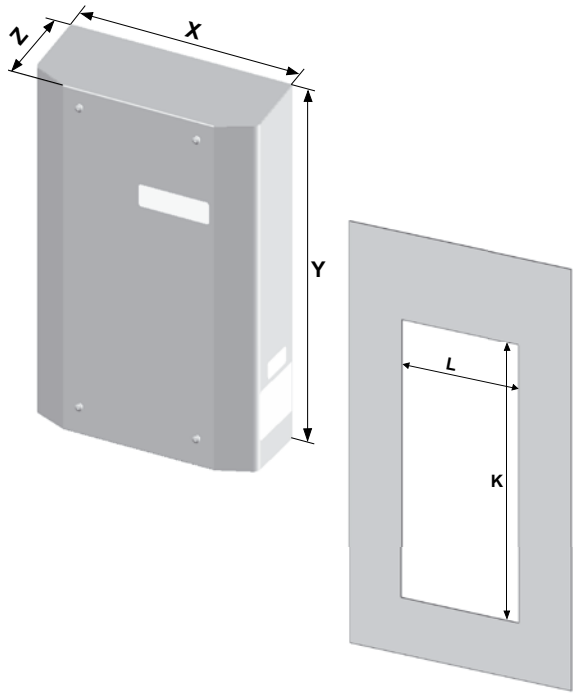
PWI	X	Y	Z1	Z2	K	L
mm	380	615	82	60	577	350

PWI variants partially recessed by 60 mm after installation

PWS	X	Y	Z	A	B	C	D	E	F	G
mm	380	622.5	142	472	285	272	150	288	40	300

Mounting holes Ø 8 mm and cut-out radii R20

PWI 6102



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