

# eCOOL Air/Air Heat Exchanger 20 W/K PAI/PAS 6043



**PAI:** for partially recessed mounting in the door or side  
**PAS:** for outer mounting on the door or side

- cut-out compatible with DTI/DTS 9041
- mounting-friendly seal, no elaborate reworking of the mounting cut-out
- integrated thermostat for temperature control
- additional thermostat for excessive temperature warning
- maintenance-free
- large distance between intake and exhaust vents, safe circulation within the electrical enclosure due to long passage of air, therefore hot spots are eliminated

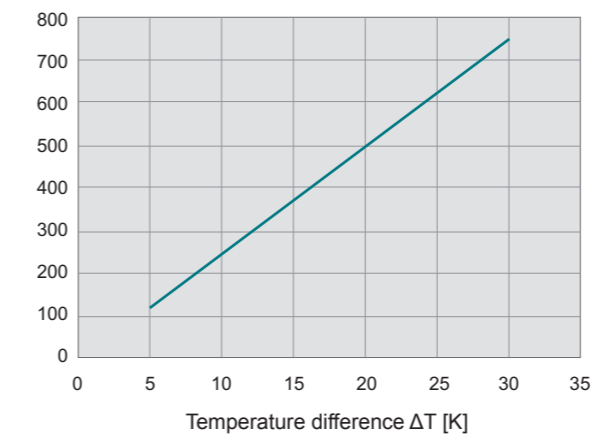
Data		PAI/PAS 6043		Unit
Article number	PAI	12991111055	12991114055	
	PAS	12981111055	12981114055	
Rated voltage ± 10%		AC 50 / 60	AC 60	Hz
		230	115	V
Specific cooling capacity		20		W/K
Power consumption		50 / 56	56	W
Current consumption		0.25 / 0.26	0.52	A
Starting current		0.7 / 0.8	1.3	
Unimpeded airflow (free flow)	internal	240 / 280	280	m³/h
	external	240 / 280	280	
Pre fuse T		1		A
Type of connection		spring-type terminal included with plug		
Noise level according to EN ISO 3741		< 61	< 63	dB (A)
Weight (without packaging)	PAI	15.2		kg
	PAS	15.5		
Ambient temperature range		- 25 ... + 55 / - 13 ... + 131		
Control range (adjustable)	control thermostat	+ 20 ... + 55 / + 68 ... + 131; factory setting + 35 / + 95		°C / °F
	alarm thermostat	+ 30 ... + 65 / + 86 ... + 149; factory setting + 45 / + 113		
Duty cycle		100		%
Protection system according to EN 60529	IP 54	towards the electrical enclosure if used as intended by the manufacturer		
	IP 34	towards the surroundings if used as intended by the manufacturer		
Design	housing	galvanised sheet steel		
	cover	galvanised / electrostatically powder coated (200 °C)		
Colour (cover)		RAL 7035, different colours available on request		
Accessories		Piece	Article number	
Filter adapter (RAL 7035)		1	18060200000	
Vlies filter		5	18061600000	

Approvals see page 173

## Cooling capacity performance curves

PAI/PAS 6043

Cooling capacity  
 $Q_0$  [W]



## Dimensions

PAI	X	Y	Z1	Z2	K	L
mm	380	612	150	62	577	350

PAI variants partially recessed by 60 mm after installation

PAS	X	Y	Z	A	B	C	D	E	F	G
mm	380	618	212	472	285	272	150	288	40	300

Mounting holes  $\varnothing$  8 mm and cut-out radii R20

