



Process reliability even under extreme conditions

Air/Water Heat exchangers from the PWS and PWD series

The use of Pfannenberg air/water heat exchangers is particularly suitable where ambient temperatures are high or the atmosphere proves to be particularly oily or aggressive.

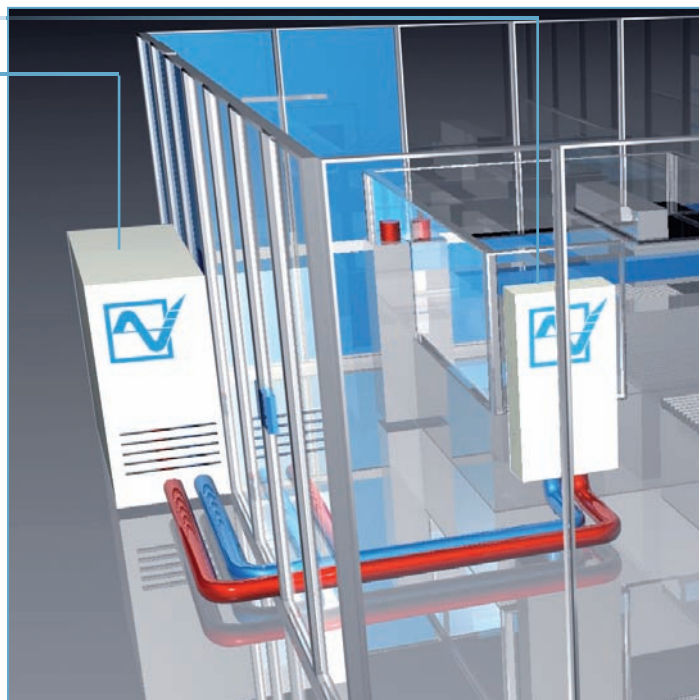
Their main advantages over other air conditioner units for control cabinets are their maintenance-free operation and extremely low noise emission.

Ideal areas of use for air/water heat exchangers are wherever machines or production processes are cooled by tempered water and water is thus already provided.

The biggest advantage of water cooling is the 100% system solution

The combination of air/water heat exchangers and chillers offers an ideal system solution for the cooling of your processes, machines and controllers.

Chillers ensure central, economic cooling and provision of water as the cooling medium. All cooling tasks in a system or machine and also on a control cabinet can be accomplished simply and economically via a closed pipeline system.



The special product characteristics of the PWS series



Economy

- system-compatible with chillers
- can be integrated in existing cooling circuits
- integrated thermostat and solenoid valve for energy-efficient temperature control

Process reliability

- high airflow rate and cooling capacity
- any power losses that occur are not given off into the room
- integrated temperature monitoring with alarm contact

Resilience

- very high IP protection (up to IP 65)
- usable under aggressive environmental conditions
- independent from the ambient temperature at the place of installation

Service and mounting-friendliness

- compact design
- seal requires no elaborate reworking of the mounting cut-out
- maintenance-free

All air/water heat exchangers at a glance

Type	Cooling capacity	Rated voltage	Dimensions (HxWxD)	Approvals					Page
				UR	cUL	GOST	CSA	CE	
Heat exchangers from the PWS series – air/water heat exchangers for side and door mounting									
PWS 71002	10000 W	230 V / 400 V ¹	1800 x 600 x 315 mm	●	●	●		●	76
PWS 7702	7000 W	230 V / 400 V ¹	1800 x 460 x 310 mm	●	●	●		●	78
PWS 7702 SL	7000 W	230 V / 400 V	1800 x 460 x 255 mm	●	●	○		●	78
PWS 7502	5200 W	115 V / 230 V	1400 x 460 x 235 mm	●	●	●		●	80
PWS 7332	3150 W	115 V / 230 V	950 x 400 x 190 mm	●	●	●		●	82
PWS 7332 L	3150 W	115 V / 230 V	1350 x 400 x 190 mm	●	●	●		●	84
PWS 7152	1500 W	115 V / 230 V	950 x 400 x 115 mm	●	●	●		●	82
PWS 7102	950 W	115 V / 230 V	500 x 200 x 150 mm	●	●	●		●	86
PWS 7062	600 W	115 V / 230 V	500 x 200 x 100 mm	●	●	●		●	86
Roof-mounted heat exchangers from the PWD series – air/water heat exchangers for roof mounting									
PWD 5402	3400 W	230 V	190 x 720 x 465 mm			●		●	88
PWD 5302	2150 W	230 V	140 x 600 x 390 mm			●		●	88
Accessories									
Internal enclosure fan PEF 180	24 V DC / 115 V AC / 230 V AC								90
External condensate evaporation system	230 V								90
Condensate bottle									90
Device-side water connection with G3/8" internal thread									90

¹ variant without UL

● available
○ pending



Further information can be found on the Internet:
www.pfannenberg.com · www.pfannenberg-spareparts.com
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