

Air/water heat exchangers



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Air/water heat exchanger for hygienically sensitive production zones in the food and consumables industry – the optimum addition to the Rittal Hygienic Design range. The cleaning-friendly design reduces the risk of contamination and ensures food safety.

Benefits:

- Easy-to-clean, hygienic design
- A roof tilt of 30° prevents objects from being deposited on it, and allows liquids to run off quickly.
- All-round external, replaceable silicone seal prevents the accumulation of dirt between the enclosure and the air/water heat exchanger.

Material:

- Enclosure: Stainless steel 1.4301 (AISI 304)

Surface finish:

- Enclosure: Brushed, grain 400, peak-to-valley height < 0.8 µm

Protection category IP to IEC 60 529:

- IP 55

Protection category IP to DIN 40 050-9:

- IP 69K

Protection category NEMA:

- NEMA 4X

Supply includes:

- Fully wired ready for connection (plug-in terminal strip)
- Drilling template
- Sealing and assembly parts

Further technical information:

Available on the Internet

Output class 600 – 1300 W, wall-mounted HD

Model No.	Packs of	3214.700	3215.700	Cat. 34, Page
Temperature control	Thermostat-controlled magnetic valve	■	■	
Total cooling output L35 W10, 200 l/h kW		0.6	1.25	
Total cooling output L35 W10, 400 l/h kW		0.7	1.3	
Power consumption P _{el} 50/60 Hz W		36 / 37	83 / 85	
Rated operating voltage V, ~, Hz		230, 1~, 50/60	230, 1~, 50/60	
Width cm		220	215	
Height cm		526	982	
Depth cm		100	100	
Rated current max. A		0.17 / 0.18	0.38 / 0.4	
Pre-fuse A		2	4	
Operating temperature range		+1°C...+70°C	+1°C...+70°C	
Setting range		+20°C...+55°C	+20°C...+55°C	
Water inlet temperature		+1°C...+30°C	+1°C...+30°C	
Water connection	G 3/8" external thread	■	■	
Permissible operating pressure (p. max.) bar		1 - 10	1 - 10	
Air throughput of fans (unimpeded air flow), internal circuit 50/60 Hz m³/h		280 / 310	680 / 735	
Cooling medium		Water (see instructions for specifications)	Water (see instructions for specifications)	
Weight kg		7.5	14.0	
Accessories				
Toroidal transformer		see page	see page	382