

# 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 56/59

#### Protection category NEMA:

- NEMA 4X

#### Cooling medium:

- Water (see Internet for specifications)

#### Supply includes:

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

#### Note:

- To achieve a protection category of IP 66/69 to IEC 60 529, the ingress of leakage air through the condensate discharge opening must be completely prevented.

## Output class 600 – 1300 W, wall-mounted HD

Model No.	Packs of	3214.700	3215.700	Page
Temperature control	Thermostat-controlled magnetic valve	■	■	
Total cooling output L35 W10, 200 l/h kW		0.6	1	
Total cooling output L35 W10, 400 l/h kW		0.65	1.2	
Power consumption P <sub>el</sub> 50/60 Hz W		36 / 37	83 / 85	
Rated operating voltage V, ~, Hz		230, 1~, 50/60	230, 1~, 50/60	
Width mm		220	215	
Height mm		526	982	
Depth mm		100	100	
Rated current max. A		0.16 / 0.14	0.38 / 0.47	
Pre-fuse A		2	4	
Operating temperature range		+1°C...+70°C	+1°C...+70°C	
Setting range		+20°C...+60°C	+20°C...+60°C	
Water inlet temperature		+1°C...+30°C	+1°C...+30°C	
Water connection	G ¾" 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	
Weight kg		6.0	14.0	
<b>Accessories</b>				
Toroidal transformer		see page	see page	471
Cooling medium (ready-mixed)		see page	see page	465