

TENDER SPECIFICATIONS

CONDAIR RM

RESISTIVE STEAM HUMIDIFIER Condair RM

The Condair RM is an atmospheric steam humidifier generating clean, mineral-free, sterile steam. The steam is produced by resistive heating elements in the water tank and is distributed into the building ventilation system through a steam distributor.



- Compact design simplifies installation and service, even in confined spaces
- Removable composite scale tank for easy cleaning
- Durable powder coated steel cabinet
- Delivered as a turnkey unit complete with installation kit
- Can be mounted on a wall or directly on the floor
- Insulating air gap between plumbing and electrical compartment for increased reliability
- Drain pump ensures complete drainage
- Accurate control with touch display
- Compatible with most common control signal types
- Convenient connection to BMS systems with fault indication and Modbus RTU
- Advanced water management features with adjustable drain cycles and time sequences extend cylinder life and prevent water stagnation
- Hybrid control (relay and semiconductor) provides long lifespan and high reliability
- Compatible with Condair DV61, W30 and OptiSorp steam distributors
- Ion exchanger cartridge for scale management (optional)

Technical specifications

- Steam capacity: 2 kg/h to 8 kg/h
- Operating temperature range: 1 °C to + 40 °C
- IP Rating: IP 21
- Housing dimensions: H = 350 mm, W = 470 mm, D = 150 mm
- Heating voltage: 230V/1~/50...60 Hz or 400V/3~/50...60 Hz

Options

- See price list for option and accessories

Approvals

- DIN EN 13076/13077
- CE 2014/35/EU and CE 2014/30/EU
- EAC TR ZU 004/201

Condair RM - Units			Basic unit with Touchpanel Wall Mounting
Type	Capacity [kg/h]	Order-No VC	Description
RM 2	2	VC	1 x 230 V
RM 4	4	VC	1 x 230 V
RM 6	6	VC	1 x 230 V
RM 6	6	VC	3 x 400 V
RM 8	8	VC	1 x 230 V
RM 8	8	VC	3 x 400 V
Condair RM - Units			Basic unit with Touchpanel Floor Mounting and sideways fill & drain
Type	Capacity [kg/h]	Order-No	Description
RM 2	2	5280001	1 x 230 V
RM 4	4	5280002	1 x 230 V
RM 6	6	5280004	1 x 230 V
RM 6	6	5280005	3 x 400 V
RM 8	8	5280006	1 x 230 V
RM 8	8	5280007	3 x 400 V
Condair RM - Hoses			
Type	Details	SAP - No	Description
DS60	per meter	2586144	DS60 Steam hose ø30/40 TPV-SP 20 m
DS60	20 m	2586149	Roll length up to 100 m
	2 pcs.	2538894	Roll length 20 m
	10 pcs.	2538895	Hose bracket for DS60
ECT60	per meter	2538839	Hose EcoTherm 60 ø55 for DS60
	2 pcs.	2538902	up to max. 20 m roll length
	10 pcs.	2538903	O-ring unsulation hose DS60 (2 pcs)
			O-ring unsulation hose DS60 (10 pcs)
KS10	per meter	1103350	KS10 Condensate hose ø8/ø12 mm
Condair RM			Steam distribution stainless steel
Type	Details	SAP - No	Description
W30		1119246	steam nozzle
61-200		1110602	L = 200 mm
61-350		1110342	L = 350 mm
61-500		1110203	L = 500 mm
61-650		1110008	L = 650 mm
61-800		1109827	L = 800 mm
61-1000		1109660	L = 1000 mm
61-1200		1109577	L = 1200 mm
Adapter 41-/61-		1104718	for vertical mounting
Condair RM - Accessories			Installation - Accessories
Type	Details	SAP - No	Description
		1106344 2553893 1101358 1110532 1117007 1118706	Connecting pieces
		2590708 2590309	Condensate drain DS60 ø 30 mm
		1101621	Filter Cartridge whit head filter L
		1100416	Filter cartridge L
WIT	2 m		Water inlet tube
Z261 3/8" / 1/2"			Sieve filter valve
Condair RM			Option
Type	Details	SAP - No	Description
FLM		2597527	Floor Mounting Kit
IOS		2597524	Fill & drain sideways