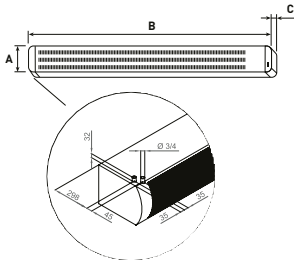


size	A	B	C
1000	315	1390	405
1500	315	1970	405



detail of the water connection at the screens
COR-IND MW

Technical parameters

Cabinet

is made of powder-coated steel sheet in white (RAL 9003), the connecting elements are also electroplated. The front panel is electrostatically bonded to the front panel for ease of use. The front panel is hinged for easy connection.

Fans

Special silent tangential fans are used in the door screens.

Engine

is asynchronous with short armature.

Heater

Electric, water or no heater.

Electrical connection

is made to the internal terminal block in the door screen cabinet. Models with electric heater are equipped with thermal protection as standard.

Aperture control without heater

is performed by the wall controller CR-20, which is supplied separately. The controller can be used to switch the speed in two stages. In the case of multiple apertures side by side, up to 5 identical apertures or one pair of COR-IND M 1000 F and COR-IND M 1500 F apertures can be connected to one controller.

Aperture control with el. heater

is carried out with the wall controller CR-30, which is supplied separately. The controller can be used to switch the speed and power of the heater in two stages. The controller has a built-in timer to ensure that the heater cools down after it has been switched off. When multiple orifices are arranged side by side, up to 5 identical orifices can be connected to one controller.

Aperture control with water heater

is carried out with the wall controller CR-20. When multiple apertures are arranged side by side, up to 5 identical apertures can be connected to one controller.

Mounting

Apertures can be mounted directly on the wall or suspended from the ceiling with M8 threaded rods. The minimum height should be 3 m and the maximum 5 m above the floor. The minimum distance from the ceiling or walls must be 100 mm.

Noise

All models are characterised by a low noise level due to the balanced impeller.

Variants

- COR-IND M 1000 F – without heater
- COR-IND M 1500 F – without heater
- COR-IND M 1000/12 – with el. heater 12 kW
- COR-IND M 1500/18 – with el. heater 18 kW
- COR-IND M 1000 W27 – with water heater 27 kW
- COR-IND M 1500 W35 – with water heater 35 kW

Accessories

- CR-20 controller for screens without heater and with water heater (K 8.1)
- CR-30 controller for screens with el. heater (K 8.1)
- AV 6 two-way valve (K 4)
- Tri-CTR three-way valve (K 4)
- TR-K2 2050 thermostatic head (K 4)

Information

Air door damper in a compact design with easy installation suitable for medium-sized commercial premises and industrial buildings. Multiple screens can be arranged side by side if required.



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Type	voltage [V]	input power [kW]	air flow [m³/h] revolutions		temperature difference max. heating [K]		temperature difference min. heating [K]		acoustic pressure* [dB(A)]	max. current [A]	heater	weight [kg]
			high	low	high speed	low speed	high speed	low speed				
COR-IND M 1000 F	230	0.267	3400	3000	–	–	–	–	55	1.2	no	40
COR-IND M 1500 F	230	0.381	4800	4100	–	–	–	–	59	1.76	no	50
COR-IND M 1000/12	400	12.245	3200	2500	11	14	5	7	55	17.3	electric	45
COR-IND M 1500/18	400	18.348	5000	4400	11	12	5	6	59	26	electric	45
COR-IND M 1000 W27	230	0.193	3000	2700	see table of heater parameters				55	0.9	water	40
COR-IND M 1500 W35	230	0.245	4100	3100	see table of heater parameters				59	1.08	water	50

* sound pressure measured in the free acoustic field at a distance of 5 m

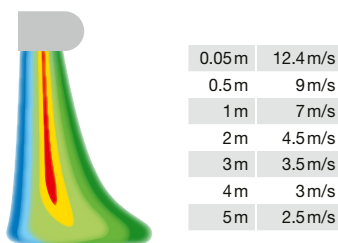
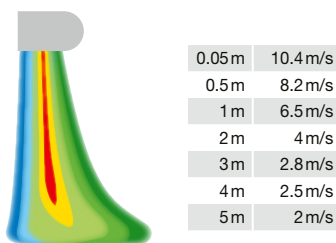
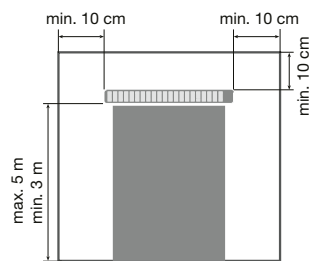
Characteristics

Parameters of water heaters

COR-IND M 1000 W27	speed	air flow [m³/h]	inlet air temperature +15 °C				inlet air temperature +20 °C			
			pressure drop on the water side [kPa]	water flow [l/s]	heat output [kW]	output temperature air [°C]	pressure drop on the water side [kPa]	flow water [l/s]	thermal performance [kW]	output air temperature [°C]
water temperature	high	3000	5.96	0.37	30.7	45	5.17	0.34	28.1	48
gradient 90/70 °C	low	2700	5.17	0.34	28.7	46	4.43	0.31	26.3	49
water temperature	high	3000	4.19	0.30	25.5	40	3.52	0.27	22.9	43
gradient 80/60 °C	low	2700	3.96	0.29	23.9	41	3.30	0.26	21.4	44
water temperature	high	3000	3.21	0.24	20.3	35	2.91	0.21	17.7	38
gradient 70/50 °C	low	2700	3.02	0.24	20.3	36	2.79	0.20	16.5	38
water temperature	high	3000	2.61	0.18	14.9	30	2.07	0.15	12.2	32
gradient 60/40 °C	low	2700	2.43	0.17	13.8	30	1.89	0.14	11.3	33

COR-IND M 1500 W35	speed	air flow [m³/h]	inlet air temperature +15 °C				inlet air temperature +20 °C			
			pressure drop on the water side [kPa]	water flow [l/s]	heat output [kW]	output temperature air [°C]	pressure drop on the water side [kPa]	flow water [l/s]	thermal performance [kW]	output air temperature [°C]
water temperature	high	4100	16.65	0.54	45.1	47	14.12	0.49	41.4	50
gradient 90/70 °C	low	3100	12.24	0.45	37.3	50	10.47	0.41	34.2	53
water temperature	high	4100	12.24	0.45	37.8	42	10.47	0.41	34.0	44
gradient 80/60 °C	low	3100	8.82	0.37	31.3	45	7.67	0.34	28.2	47
water temperature	high	4100	8.16	0.36	30.4	37	6.90	0.32	26.6	39
gradient 70/50 °C	low	3100	6.16	0.30	25.2	39	4.79	0.26	22.1	41
water temperature	high	4100	5.21	0.27	22.8	31	3.76	0.23	19.0	34
gradient 60/40 °C	low	3100	4.38	0.26	22.1	33	2.85	0.19	15.8	35

Additional illustrations

COR-IND M
distance from the aperture / air velocityCOR-IND MW
distance from the aperture / air velocity

mounting height and distance from walls

remote control for aperture without
heater/water heater CR-20remote control for screens with electric
heater CR-30hinged front panel for easy
electrical connection