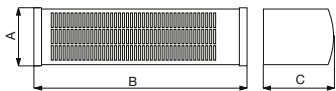
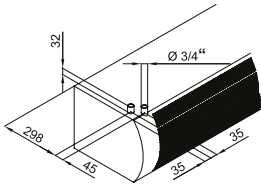


10m
max. height
installation



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



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

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. Controller The speed can be switched in two stages. In the case of multiple apertures side by side, up to 5 identical apertures can be connected to one controller.

Aperture control with el. heater

is carried out by 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 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 4 m and the maximum 10 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 1000 F – without heater
- COR-IND 1500 F – without heater
- COR-IND 1000/18 – with el. heater 18 kW
- COR-IND 1500/24 – with el. heater 24 kW
- COR-IND 1500/36 – with el. heater 36 kW
- COR-IND 1000 W33 – with water heater 33 kW
- COR-IND 1500 W50 – with water heater 50 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 large 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 1000 F	230	0.85	4500	3600	–	–	–	–	57	4	no	40
COR-IND 1500 F	230	1.3	6500	5800	–	–	–	–	61	6	no	50
COR-IND 1000/18	400	18.66	4250	3800	12.5	14	6.5	7	57	27	electric	45
COR-IND 1500/24	400	25.2	6900	6300	10.5	11.5	5.5	6	61	38	electric	55
COR-IND 1500/36	400	37.2	6900	6300	15.5	17	8	8.5	61	58	electric	55
COR-IND 1000 W33	230	0.6	5200	4100	see table of heater parameters				57	3	water	40
COR-IND 1500 W50	230	1.2	7500	6500	see table of heater parameters				65	5	water	50

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

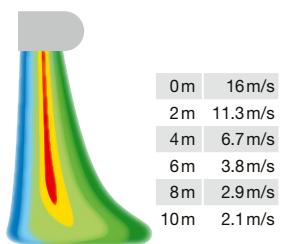
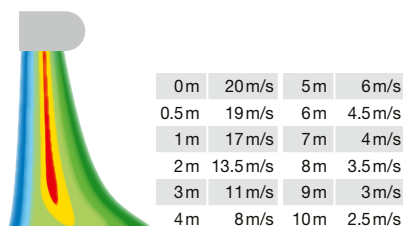
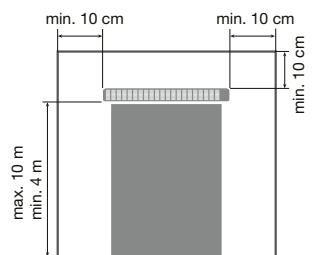
Characteristics

Parameters of water heaters

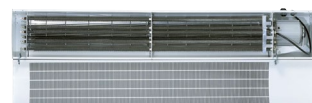
COR-IND 1000 W33	speed	air flow [m³/h]	inlet air temperature +15 °C				inlet air temperature +20 °C			
			pressure drop on the water side [kPa]	water flow [l/s]	heat output [kW]	output temperature air [°C]	pressure drop on the water side [kPa]	flow water [l/s]	thermal performance [kW]	output air temperature [°C]
water temperature	high	5200	11.87	0.52	43.2	39	9.99	0.47	39.5	42
gradient 90/70 °C	low	4100	9.27	0.45	37.5	42	7.92	0.41	34.3	45
water temperature	high	5200	8.58	0.43	35.9	35	6.96	0.38	32.2	38
gradient 80/60 °C	low	4100	5.96	0.37	31.1	37	5.02	0.33	27.9	40
water temperature	high	5200	5.17	0.34	28.4	31	4.19	0.30	24.7	34
gradient 70/50 °C	low	4100	3.96	0.29	24.7	33	2.94	0.26	21.5	36
water temperature	high	5200	3.28	0.25	20.8	27	2.79	0.30	17.1	30
gradient 60/40 °C	low	4100	2.98	0.22	18.1	28	2.06	0.22	14.8	31

COR-IND 1500 W50	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	7500	31.45	0.79	65.8	41	26.79	0.72	60.3	44
gradient 90/70 °C	low	6500	26.79	0.72	60.3	42	23.05	0.66	55.3	45
water temperature	high	7500	23.05	0.66	55.0	36	18.86	0.59	49.5	40
gradient 80/60 °C	low	6500	19.56	0.60	50.4	38	16.65	0.54	45.4	41
water temperature	high	7500	15.98	0.53	44.1	32	12.89	0.46	38.6	35
gradient 70/50 °C	low	6500	14.03	0.48	40.4	33	10.98	0.42	35.4	36
water temperature	high	7500	9.86	0.39	33.0	28	7.26	0.33	27.4	31
gradient 60/40 °C	low	6500	8.35	0.36	30.3	29	6.16	0.30	25.2	32

Additional illustrations

COR IND W
distance from aperture / air speedCOR IND
distance from aperture / air speed

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