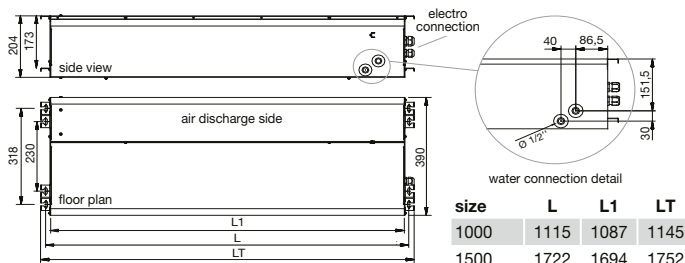




3m
max. height
installation



Technical parameters

Cabinet

is made of galvanized steel sheet. The ceiling grid is made of steel and powder-coated (white, black or natural anodised). On request, it can be supplied in any RAL shade.

Fans

Special quiet 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 carried out with the wall controller CR-F, (included in the delivery). 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 can be connected to 1 controller.

Aperture control with el. heater

The speed can be switched in 3 stages and the heater power in 2 stages (full and ½ power). It is possible to connect an external thermostat (not included) for automatic operation. operation. Up to 5 identical apertures can be connected to 1 controller when multiple apertures are arranged side by side.

Aperture control with water heater

is carried out with the wall controller CR-W, (included in the delivery). Up to 5 identical apertures can be connected to 1 controller when multiple apertures are arranged side by side.

Mounting

The screens are mounted in the ceiling. The minimum height should be 2.5 m and the maximum 3 m above the floor. The distance from the walls must be at least 100 mm.

Noise

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

Variants

- COR-F-1000 FT – without heater
- COR-F-1500 FT – without heater
- COR-6-1000 FT – with el. heater 6kW
- COR-9-1000 FT – with el. heater 9kW
- COR-9-1500 FT – with el. heater 9kW
- COR-12-1500 FT – with el. heater 12kW
- COR-1000 FTW 10 – with water heating 10kW
- COR-1500 FTW 17 – with water heating 17kW

Accessories

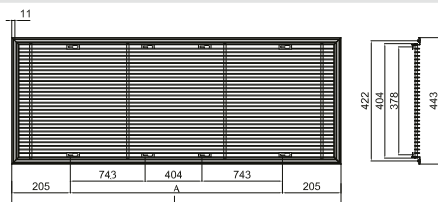
- RTR 6721 room thermostat (K 8.2)
- ceiling grids
- AV 6 two-way valve (K 4)
- Tri-CTR three-way valve (K 4)
- TR-K2 2050 thermostatic head (K 4)
- CR-AUTOMATIC COR N/FT air curtain controller with electric heater, including door contact (K 4)

Information

Air door damper in a compact design with easy ceiling mounting suitable for small commercial spaces. Multiple screens can be arranged side by side if required. The ceiling grid must be ordered separately.

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Additional illustrations



Ceiling grids

Type	L [mm]	A [mm]	weight [kg]
grid COR-FT 1000	1153	743	5
grid COR-FT 1500	1760	1350	7
grid COR-FT 2000	2300	1890	10

ceiling grids must be ordered separately

COR-FT 2000 grille is designed for installation with 2 COR-FT 1000 louvers
standard colours white (RAL 9016), black (RAL 9005) or natural anodised

Type	voltage [V]	input power [kW]	air flow [m³/h] revolutions			temperature difference max. heating [K]		temperature difference min. oh'ev [K]		acoustic pressure* [dB(A)]	max. current [A]	heater	weight [kg]
			high	medium	low	high speed	low speed	high speed	low speed				
COR-F-1000 FT	230	0.128	1700	–	1300	–	–	–	–	59	0.55	no	20
COR-F-1500 FT	230	0.164	2600	–	2300	–	–	–	–	61	0.71	no	30
COR-6-1000 FT	400	6.128	1600	1300	1000	11	18	5	9	59	8.6	electric	24
COR-9-1000 FT	400	9.128	1600	1300	1000	16	26	8	13	59	13	electric	24
COR-9-1500 FT	400	9.166	2400	2100	1700	11	15	5	8	61	13	electric	35
COR-12-1500 FT	400	12.166	2400	2100	1700	15	21	7	10	61	17.3	electric	35
COR-1000 FTW 10	230	0.101	1400	1100	750	see table of heater parameters				60	0.46	water	23
COR-1500 FTW 17	230	0.135	2300	1900	1400	see table of heater parameters				62	0.62	water	34

* sound pressure measured in the free acoustic field at a distance of 3 m

Characteristics

Air speed / distance from aperture

COR FT

distance from the aperture (m)	0.05	0.5	1	2	3
air velocity (m/s)	9	7.5	5	3.5	2.8

COR FTW

distance from the aperture (m)	0.05	0.5	1	2	3
air velocity (m/s)	8.5	5	3.3	2.45	1.7


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Parameters of water heaters

COR-1000 FTW 10	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]	outlet air temperature [°C]	pressure drop on the water side [kPa]	water flow [l/s]	heat output [kW]	output air temperature [°C]
water temperature gradient 90/70 °C	high	1400	11.12	0.13	11.0	38	9.74	0.12	10.1	41
	medium	1100	8.39	0.11	9.4	40	7.10	0.10	8.6	44
	low	750	5.89	0.09	7.4	44	4.79	0.08	6.7	47
water temperature gradient 80/60 °C	high	1400	8.39	0.11	9.2	34	9.74	0.12	10.1	41
	medium	1100	5.89	0.09	7.8	36	4.79	0.08	7.1	39
	low	750	3.79	0.07	6.1	39	4.79	0.08	6.7	42
water temperature gradient 70/50 °C	high	1400	5.89	0.09	7.3	30	4.79	0.08	6.4	34
	medium	1100	3.79	0.07	6.3	32	4.79	0.08	6.4	35
	low	750	3.79	0.07	6.1	34	2.45	0.05	4.3	37
water temperature gradient 60/40 °C	high	1400	4.79	0.08	6.4	26	4.79	0.08	6.4	29
	medium	1100	4.79	0.08	6.4	27	4.79	0.08	6.4	30
	low	750	2.45	0.05	4.3	29	2.45	0.05	4.3	32

COR-1500 FTW 17	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]	outlet air temperature [°C]	pressure drop on the water side [kPa]	water flow [l/s]	heat output [kW]	output air temperature [°C]
water temperature gradient 90/70 °C	high	2300	45.38	0.23	19.1	39	38.86	0.21	17.5	42
	medium	1900	35.76	0.20	16.7	41	21.99	0.15	12.7	40
	low	1400	24.51	0.16	14.0	44	21.99	0.15	12.5	47
water temperature gradient 80/60 °C	high	2300	32.77	0.19	16.0	35	27.15	0.17	14.4	38
	medium	1900	27.15	0.17	14.0	37	21.99	0.15	12.7	40
	low	1400	19.59	0.14	11.4	39	15.16	0.12	10.3	42
water temperature gradient 70/50 °C	high	2300	21.99	0.15	12.9	31	17.31	0.13	11.3	34
	medium	1900	19.59	0.14	11.3	33	15.16	0.12	9.9	36
	low	1400	13.06	0.11	9.2	35	11.05	0.10	8.1	38
water temperature gradient 60/40 °C	high	2300	15.16	0.12	9.7	27	11.05	0.10	8.1	30
	medium	1900	11.05	0.10	8.6	28	9.18	0.09	7.2	31
	low	1400	7.46	0.08	7.0	30	5.90	0.07	5.8	33

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Additional illustrations



remote control
for screens
without heater
CR-F



remote control
for apertures
with electric
heater
CR-6/9 N



remote control
for apertures
with water
heater
CR-W