



High-performance vertical air curtains with water coil to be installed in commercial environments.

Characteristics

For installation in up to 2.5 m (V version) and 3 m openings (VL version).

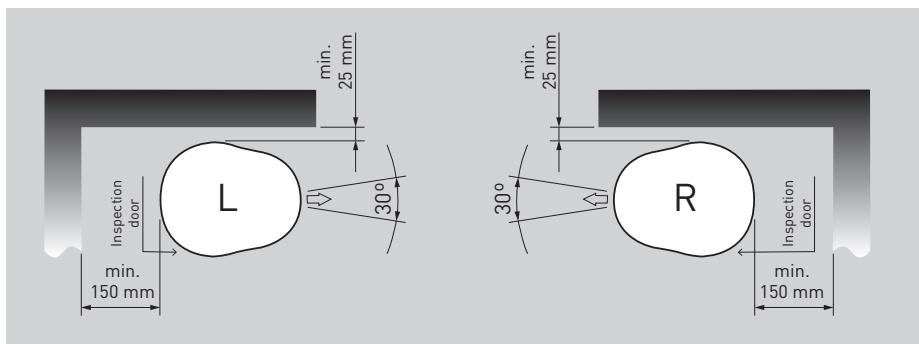
Built-in manual or automatic control.
Modbus communication.
Centrifugal motor-fan assembly with forward blades.
Rear suction and lateral exhaust.
Version (R) to be installed on the right side of the door facing inside. Version (L) for left-sided installation.
Built-in EU3 pre-filter.

On request

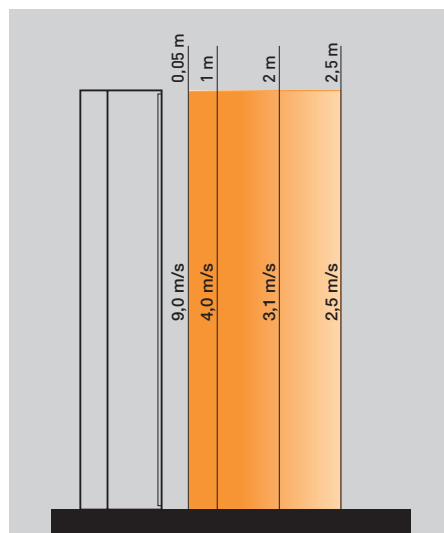
Versions not equipped with an ADVANCE (SM) control unit.

Applications

See Curtains - Introduction page: Characteristics and Applications.



Minimum distances



Distance/air speed COR-PRO-V W



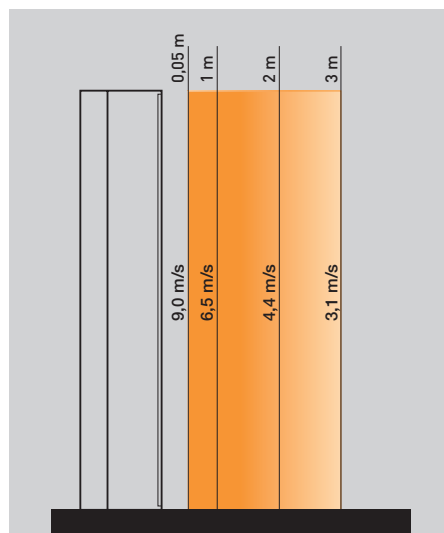
ADVANCE touch screen control included in all COR-PRO series.
LxWxH (mm): 125x90x32

Basic functionalities:

- Manual control by selecting target speed.
- Automatic control via temperature set-point and door status (requires CR-MAGNET COR-PRO accessory). It is possible to select the target temperature using a sensor at the exhaust outlet (factory-installed) or an ambient sensor (included in the wall-mounted packaging).
- Programmable weekly schedule.
- Summer/winter mode.
- Modbus communication.

The connection between the control and the curtain must be made via an RJ45 cable (not included).
Accessory RJ45-10 COR-PRO (10 m long).

It also incorporates a room temperature sensor that can be installed for automatic system control based on the target ambient temperature.
LxWxH (mm): 72x59x28



Distance/air speed COR-PRO-VL W

VERTICAL AIR CURTAINS WITH WATER COIL FOR COMMERCIAL USE

COR-PRO-V W Series



TECHNICAL CHARACTERISTICS

Model	Voltage 50Hz (V)	Heating capacity ¹ (kW)	Water pressure loss ¹ (kPa)	Water flow rate ¹ (l/s)	ΔT ¹ (°C)	Motor power (W)	Int. abs. (A)	Spe-eds	Flow rate (m ³ /h)			Air outlet speed ² (m/s)	Maximum ² ΔT (°C)			Decibel level ⁴ (dB(A))	Water connection (NPS/DN)	Weight (kg)	Colour
									Speed				Speed						
									Fast	Medium	Slow		High	Medium	Slow				
COR-PRO-V 2200 R W 38 ADVANCE	230	38	27,1	0,46	35	0.875	3,9	3	3.480	2.320	1.160	9	35	39	48	57	3/4" 20 mm	90	White RAL 9010
COR-PRO-V 2200 L W 38 ADVANCE	230	38	27,1	0,31	35	0.875	3,9	3	3.480	2.320	1.160	9	35	39	48	57	3/4" 20 mm	90	White RAL 9010
COR-PRO-V 2500 R W 45 ADVANCE	230	45	11,9	0,54	34	1.050	4,6	3	4.150	2.760	1.380	9	34	39	48	59	3/4" 20 mm	100	White RAL 9010
COR-PRO-V 2500 L W 45 ADVANCE	230	45	11,9	0,54	34	1.050	4,6	3	4.150	2.760	1.380	9	34	39	48	59	3/4" 20 mm	100	White RAL 9010
COR-PRO-VL 2200 R W 50 ADVANCE	230	50	13,3	0,59	30	1.350	5,9	3	5.100	3.400	1.700	9	30	36	45	60	1" 25 mm	110	White RAL 9010
COR-PRO-VL 2200 L W 50 ADVANCE	230	50	13,3	0,59	30	1.350	5,9	3	5.100	3.400	1.700	9	30	36	45	60	1" 25 mm	110	White RAL 9010
COR-PRO-VL 2500 R W 56 ADVANCE	230	56	10,8	0,68	31	1.620	7,1	3	5.750	3.820	1.910	9	31	36	45	62	1" 25 mm	120	White RAL 9010
COR-PRO-VL 2500 L W 56 ADVANCE	230	56	10,8	0,68	31	1.620	7,1	3	5.750	3.820	1.910	9	31	36	45	62	1" 25 mm	120	White RAL 9010

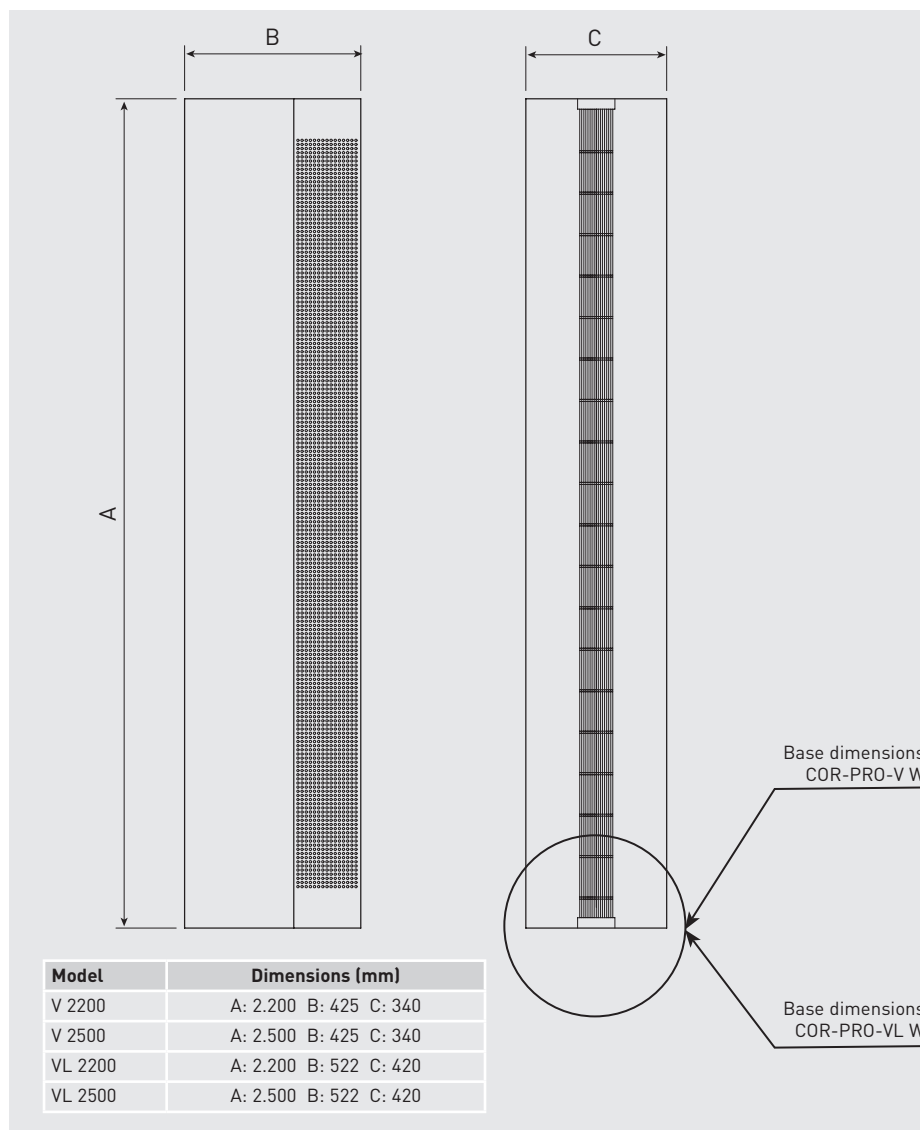
1. Values with the following conditions: water temperature 80/60°C, high speed and +15°C air inlet temperature.

2. Values with the following conditions: water temperature 80/60°C and +15°C air inlet temperature. The control system may limit the power output if the temperature exceeds the operating limits.

3. Maximum flow rate measured according to AMCA 220.

4. Measured at 3 m distance, unobstructed area.

DIMENSIONS (mm)



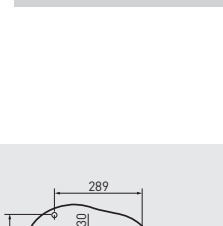
ACCESSORIES



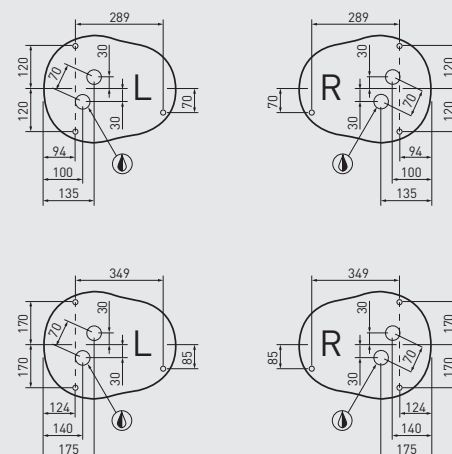
CR-MAGNET COR-PRO
Magnetic contact for open/closed door detection. Includes a 2.5 m long cable. LxWxH (mm): 45x12x10



RJ45-10 COR-PRO
10 m long RJ45 type cable to connect the control unit to the air curtain.



RJ11-5 COR-PRO
5 m long RJ11 type cable for master-slave connection between air curtains.



VERTICAL AIR CURTAINS WITH WATER COIL FOR COMMERCIAL USE

COR-PRO-V W Series



WATER INLET/OUTLET TEMPERATURE 80/60°C

Model	Ventilator speed	Air flow rate (m³/h)	Air inlet temperature = +15°C				Air inlet temperature = +20°C			
			Water pressure loss (kPa)	Water flow (l/s)	Heating capacity (kW)	Air outlet temperature ¹ (°C)	Water pressure loss (kPa)	Water flow rate (l/s)	Heating capacity (kW)	Air outlet temperature ¹ (°C)
COR-PRO-V 2200 R W 38 ADVANCE COR-PRO-V 2200 L W 38 ADVANCE	FAST	3.480	30,1	0,490	41	50	25,3	0,440	37	51
	MEDIUM	2.320	18,6	0,370	31	54	15,6	0,340	28	56
	SLOW	1.160	7,6	0,230	19	63	6,4	0,210	17	64
COR-PRO-V 2500 R W 45 ADVANCE COR-PRO-V 2500 L W 45 ADVANCE	FAST	4.150	13,2	0,570	48	49	11,1	0,520	43	51
	MEDIUM	2.760	8,1	0,440	36	54	6,8	0,400	33	55
	SLOW	1.380	3,3	0,270	22	63	2,8	0,240	20	63
COR-PRO-VL 2200 R W 50 ADVANCE COR-PRO-VL 2200 L W 50 ADVANCE	FAST	5.100	53,1	0,640	53	46	44,6	0,580	46	48
	MEDIUM	3.400	33,4	0,490	41	51	28,1	0,450	37	53
	SLOW	1.700	14,2	0,310	26	59	11,9	0,280	23	60
COR-PRO-VL 2500 R W 56 ADVANCE COR-PRO-VL 2500 L W 56 ADVANCE	FAST	5.750	21,9	0,730	61	46	18,3	0,660	55	48
	MEDIUM	3.820	13,7	0,560	47	51	11,5	0,510	42	53
	SLOW	1.910	5,8	0,350	29	60	4,9	0,320	26	61

1. The control system may limit the power output if the temperature exceeds the operating limits.

WATER INLET/OUTLET TEMPERATURE 60/40°C

Model	Ventilator speed	Air flow rate (m³/h)	Air inlet temperature = +15°C				Air inlet temperature = +20°C			
			Water pressure loss (kPa)	Water flow (l/s)	Heating capacity (kW)	Air outlet temperature ¹ (°C)	Water pressure loss (kPa)	Water flow rate (l/s)	Heating capacity (kW)	Air outlet temperature ¹ (°C)
COR-PRO-V 2200 R W 38 ADVANCE COR-PRO-V 2200 L W 38 ADVANCE	FAST	3.480	13,7	0,300	25	26	10,1	0,260	21	38
	MEDIUM	2.320	8,5	0,230	19	27	6,4	0,200	17	41
	SLOW	1.160	3,6	0,140	12	32	2,7	0,120	10	46
COR-PRO-V 2500 R W 45 ADVANCE COR-PRO-V 2500 L W 45 ADVANCE	FAST	4.150	5,9	0,350	29	36	4,3	0,300	25	38
	MEDIUM	2.760	3,7	0,270	23	39	2,7	0,230	19	40
	SLOW	1.380	1,6	0,170	14	45	1,2	0,140	12	46
COR-PRO-VL 2200 R W 50 ADVANCE COR-PRO-VL 2200 L W 50 ADVANCE	FAST	5.100	23,9	0,390	33	34	17,8	0,330	28	36
	MEDIUM	3.400	15,3	0,310	26	37	11,4	0,260	22	39
	SLOW	1.700	6,7	0,190	16	43	5,0	0,170	14	44
COR-PRO-VL 2500 R W 56 ADVANCE COR-PRO-VL 2500 L W 56 ADVANCE	FAST	5.750	9,7	0,440	37	34	7,2	0,380	31	36
	MEDIUM	3.820	6,2	0,340	29	37	4,6	0,290	24	39
	SLOW	1.910	2,7	0,220	18	43	2,0	0,190	15	44

1. The control system may limit the power output if the temperature exceeds the operating limits.