



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

#### Characteristics

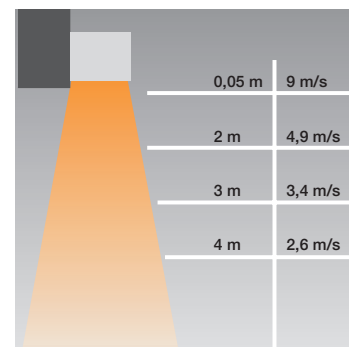
Suitable for up to 4 m high installation.  
Built-in manual or automatic control.  
Modbus communication.  
Centrifugal motor-fan assembly with forward blades.  
Hidden front-side suction and adjustable vertical exhaust.  
Built-in EU3 pre-filte.

#### On request

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

#### Applications

See Curtains - Introduction page: Characteristics and Applications.



Distance/air speed



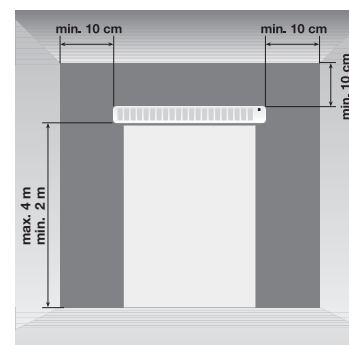
**ADVANCE** touch screen control included in all COR-PRO series.  
LxWxH (mm): 125x90x32

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



Installation height

# WALLED-MOUNTED AIR CURTAINS WITH WATER COIL FOR COMMERCIAL USE

## COR-PRO W Series



### TECHNICAL CHARACTERISTICS

Model	Voltage 50Hz (V)	Heating capacity <sup>1</sup> (kW)	Water pres- sure loss <sup>1</sup> (KPa)	Water flow rate <sup>1</sup> (l/s)	$\Delta T^1$ (°C)	Motor power (W)	Int. abs. (A)	Spe- eds	Flow rate (m <sup>3</sup> /h)			Air outlet speed <sup>2</sup> (m/s)	Maximum <sup>1</sup> $\Delta T$			Decibel level <sup>3</sup> (dB(A))	Water connec- tion (NPS/DN)	Weight (kg)	Colour
									Speed				Speed						
									Fast	Medium	Slow		High	Medium	Baja				
COR-PRO 1000 W 15 ADVANCE	230	15	9,6	0,190	18	810	3,6	3	2.600	1.800	900	9	18	22	29	59	3/4" 20 mm	45	White RAL 9010
COR-PRO 1500 W 24 ADVANCE	230	24	6,5	0,310	21	1.080	4,8	3	3.650	2.400	1.200	9	21	25	33	62	3/4" 20 mm	69	White RAL 9010
COR-PRO 2000 W 36 ADVANCE	230	36	17,2	0,460	22	1.350	6	3	5.250	3.500	1.750	9	22	26	34	62	3/4" 20 mm	86	White RAL 9010
COR-PRO 2500 W 45 ADVANCE	230	45	12,8	0,570	22	1.620	7,2	3	6.380	4.300	2.150	9	22	26	34	65	3/4" 20 mm	111	White RAL 9010

1. Values with the following conditions: water temperature 80/60°C, high speed and +15°C air inlet temperature.
2. Maximum flow rate measured according to AMCA 220.
3. Measured at 3 m distance, unobstructed area.

### DIMENSIONS (mm)

Model	Dimensions (mm)
1000	A: 330 B: 1.000 C: 700
1500	A: 330 B: 1.500 C: 700
2000	A: 330 B: 2.000 C: 700
2500	A: 330 B: 2.500 C: 700

### 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.



**SOP.COR-PRO**  
Includes two wall mount support units.

**SOP.COR-PRO 2500**  
Special accessory for the 2,500 mm long models. Includes three wall mount support units.

# WALLED-MOUNTED AIR CURTAINS WITH WATER COIL FOR COMMERCIAL USE

## COR-PRO 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 (°C)	Water pressure loss (kPa)	Water flow rate (l/s)	Heating capacity (kW)	Air outlet temperature (°C)
COR-PRO 1000 W 15 ADVANCE	FAST	2.600	9,6	0,190	16	33	7,9	0,170	15	36
	MEDIUM	1.800	6,7	0,160	13	37	5,5	0,140	12	39
	SLOW	900	3,2	0,110	9	44	2,7	0,090	8	46
COR-PRO 1500 W 24 ADVANCE	FAST	3.650	6,5	0,310	26	36	5,4	0,280	23	39
	MEDIUM	2.400	4,2	0,240	20	40	3,5	0,220	18	42
	SLOW	1.200	2,0	0,160	13	48	1,7	0,140	12	50
COR-PRO 2000 W 36 ADVANCE	FAST	5.250	17,2	0,460	38	37	14,3	0,410	35	39
	MEDIUM	3.500	11,3	0,360	30	41	9,4	0,330	27	43
	SLOW	1.750	5,3	0,240	20	49	4,4	0,220	18	50
COR-PRO 2500 W 45 ADVANCE	FAST	6.380	12,8	0,570	48	37	10,6	0,510	43	40
	MEDIUM	4.300	8,5	0,460	38	41	7,1	0,410	34	44
	SLOW	2.150	3,9	0,300	25	49	3,3	0,270	22	51

### 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 (°C)	Water pressure loss (kPa)	Water flow rate (l/s)	Heating capacity (kW)	Air outlet temperature (°C)
COR-PRO 1000 W 15 ADVANCE	FAST	2.600	3,8	0,110	9	26	2,7	0,090	8	29
	MEDIUM	1.800	2,7	0,090	8	27	1,9	0,080	6	30
	SLOW	900	1,3	0,060	5	32	0,9	0,050	4	34
COR-PRO 1500 W 24 ADVANCE	FAST	3.650	2,6	0,180	15	27	1,9	0,150	12	30
	MEDIUM	2.400	1,7	0,140	12	30	1,3	0,120	10	32
	SLOW	1.200	0,8	0,090	8	35	0,6	0,080	7	36
COR-PRO 2000 W 36 ADVANCE	FAST	5.250	7,3	0,270	23	28	5,3	0,230	19	31
	MEDIUM	3.500	4,9	0,220	18	30	3,5	0,180	15	33
	SLOW	1.750	2,3	0,140	12	35	1,7	0,120	10	37
COR-PRO 2500 W 45 ADVANCE	FAST	6.380	5,4	0,340	28	28	3,9	0,280	24	31
	MEDIUM	4.300	3,6	0,270	23	31	2,6	0,230	19	33
	SLOW	2.150	1,7	0,180	15	36	1,3	0,150	13	37