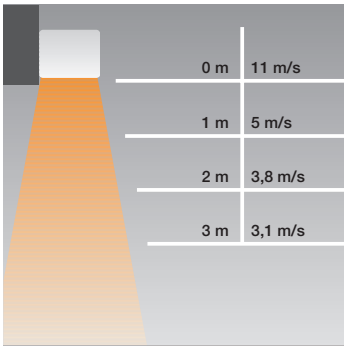
Wall mounted Air Curtains, with water heating coil, to install in commercial and industrial applications.

Characteristics

Can be fitted up to a height of 3 metres.
Tangential, high efficiency impeller with low noise level.
Possibility of installing several units in series.

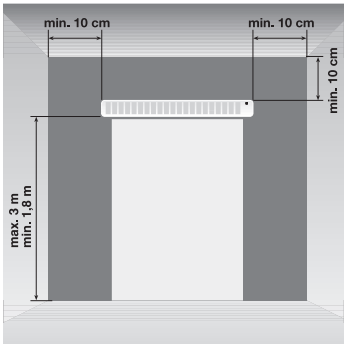
Applications

See page BASIC CONCEPTS AIR CURTAINS.



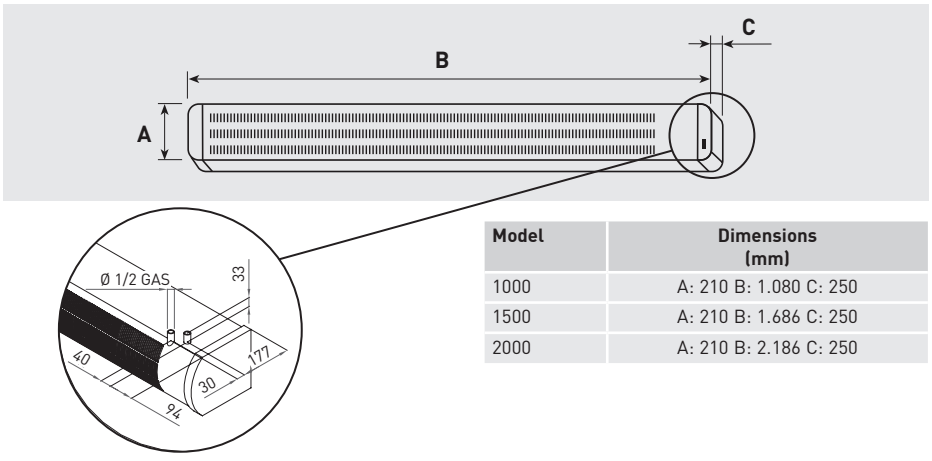
Air distance/speed

CR-W
Speed remote selector fitted with the fan to control up to 5 units of the same model in series.



Installation height

DIMENSIONS (mm)



Model	Dimensions (mm)
1000	A: 210 B: 1.080 C: 250
1500	A: 210 B: 1.686 C: 250
2000	A: 210 B: 2.186 C: 250

TECHNICAL CHARACTERISTICS

Model	Voltage (50 Hz) (V)	Heat power (kW)*	Motor power (W)	Speeds	Airflow (m^3/h) Speed			Air output speed at 0,05 m	Maximum ΔT** (ºC) Speed			Sound pressure level (dB(A))	Absorbed current (A)	Water flow (l/s)	Threaded water connection	Ambient / Hot air	Weight (kg)	Colour
					High	Medium	Low		High	Medium	Low							
COR-1000 NW 9	230	10	115	3	1.600	1.000	800	11	18	21	24	48	0,5	0,12	1/2"	A/H	19	White RAL 9003
COR-1500 NW 15	230	16,4	180	3	2.800	1.900	1.400	11	19	22	24	50	0,8	0,20	1/2"	A/H	25	White RAL 9003
COR-2000 NW 24	230	21,9	160	3	3.300	2.200	1.700	8	20	23	25	48	0,7	0,30	1/2"	A/H	33	White RAL 9003

* Values under the following conditions: water temperature 80°C/60°C, maximum speed; air inlet temperature +15°C.

** Values under the following conditions: water temperature 80°C/60°C, air inlet temperature +15°C.

INPUT TEMPERATURE / WATER OUTPUT 90/70ºC			Input air temperature = +15ºC				Input air temperature = +20ºC			
Model	**Fan speed**	**Airflow (m³/h)**	**Pressure drop (kPa)**	**Water flow (l/s)**	**Heat power (kW)**	**Output air temperature (ºC)**	**Pressure drop (kPa)**	**Water flow (l/s)**	**Heat power (kW)**	**Output air temperature (ºC)**
COR-1000 NW 9	HIGH	1.600	13,02	0,14	12,0	37	11,16	0,13	11,0	40
	MEDIUM	1.100	8,69	0,11	9,5	40	7,44	0,10	8,7	43
	LOW	800	6,08	0,09	7,8	43	5,21	0,08	7,1	46
COR-1500 NW 15	HIGH	2.800	56,47	0,26	21,4	37	48,52	0,23	19,6	41
	MEDIUM	1.900	36,96	0,20	16,8	41	31,82	0,18	15,4	44
	LOW	1.400	26,18	0,17	14	44	22,48	0,15	12,7	47
COR-2000 NW 24	HIGH	3.300	34,46	0,32	26,4	38	29,65	0,29	24,3	42
	MEDIUM	2.200	22,1	0,24	20,5	42	18,98	0,22	18,8	45
	LOW	1.700	16,47	0,21	17,4	45	14,15	0,19	15,9	48

INPUT TEMPERATURE / WATER OUTPUT 80/60ºC			Input air temperature = +15ºC				Input air temperature = +20ºC			
Model	**Fan speed**	**Airflow (m³/h)**	**Pressure drop (kPa)**	**Water flow (l/s)**	**Heat power (kW)**	**Output air temperature (ºC)**	**Pressure drop (kPa)**	**Water flow (l/s)**	**Heat power (kW)**	**Output air temperature (ºC)**
COR-1000 NW 9	HIGH	1.600	9,73	0,12	10,0	33	8,06	0,11	9,0	37
	MEDIUM	1.100	6,48	0,09	7,9	36	5,38	0,09	7,1	39
	LOW	800	4,54	0,08	6,5	39	3,77	0,07	5,8	42
COR-1500 NW 15	HIGH	2.800	42,35	0,21	17,9	34	35,33	0,19	16,2	37
	MEDIUM	1.900	28,85	0,17	14,1	37	23,25	0,15	12,7	40
	LOW	1.400	19,77	0,14	12	39	16,51	0,13	10,5	42
COR-2000 NW 24	HIGH	3.300	25,75	0,26	22,1	35	21,47	0,23	19,5	38
	MEDIUM	2.200	16,5	0,21	17,2	38	13,76	0,19	15,5	38
	LOW	1.700	12,29	0,17	14,5	40	10,24	0,16	13,1	43

INPUT TEMPERATURE / WATER OUTPUT 70/50ºC			Input air temperature = +15ºC				Input air temperature = +20ºC			
Model	**Fan speed**	**Airflow (m³/h)**	**Pressure drop (kPa)**	**Water flow (l/s)**	**Heat power (kW)**	**Output air temperature (ºC)**	**Pressure drop (kPa)**	**Water flow (l/s)**	**Heat power (kW)**	**Output air temperature (ºC)**
COR-1000 NW 9	HIGH	1.600	6,71	0,12	9,7	29	5,29	0,08	6,9	33
	MEDIUM	1.100	4,5	0,08	6,3	32	3,55	0,07	5,5	35
	LOW	800	3,15	0,06	5,2	34	2,48	0,05	4,5	37
COR-1500 NW 15	HIGH	2.800	30,01	0,17	14,4	30	23,84	0,15	12,7	33
	MEDIUM	1.900	19,69	0,14	11,4	32	15,71	0,12	10,0	36
	LOW	1.400	14	0,11	9	35	11,14	0,10	8,2	37
COR-2000 NW 24	HIGH	3.300	18,08	0,21	17,8	31	14,38	0,19	15,6	34
	MEDIUM	2.200	11,64	0,17	13,8	33	9,25	0,15	12,2	36
	LOW	1.700	8,7	0,14	11,8	35	6,93	0,12	10,3	38

INPUT TEMPERATURE / WATER OUTPUT 60/40ºC			Input air temperature = +15ºC				Input air temperature = +20ºC			
Model	**Fan speed**	**Airflow (m³/h)**	**Pressure drop (kPa)**	**Water flow (l/s)**	**Heat power (kW)**	**Output air temperature (ºC)**	**Pressure drop (kPa)**	**Water flow (l/s)**	**Heat power (kW)**	**Output air temperature (ºC)**
COR-1000 NW 9	HIGH	1.600	4,09	0,07	5,9	26	2,92	0,06	4,9	29
	MEDIUM	1.100	2,74	0,06	4,7	27	1,96	0,05	3,9	27
	LOW	800	1,92	0,05	3,8	29	1,37	0,04	3,2	32
COR-1500 NW 15	HIGH	2.800	18,88	0,13	10,9	26	13,82	0,11	9,1	30
	MEDIUM	1.900	12,52	0,10	8,6	28	9,17	0,09	7,2	31
	LOW	1.400	8,93	0,08	7	30	6,55	0,07	6,0	33
COR-2000 NW 24	HIGH	3.300	11,41	0,16	13,4	27	8,3	0,13	11,2	30
	MEDIUM	2.200	7,32	0,12	10,4	29	5,35	0,1	8,7	32
	LOW	1.700	5,47	0,11	8,8	30	9,72	0,09	7,4	38