

# AIR CURTAINS

## COR-NW Series



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

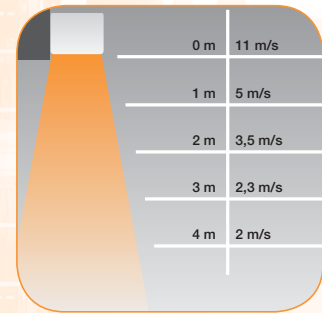
### Characteristics:

Tangential, high efficiency impeller with low noise level.  
Possibility of installing several units in series.

**Applications:** see page BASIC CONCEPTS AIR CURTAINS.

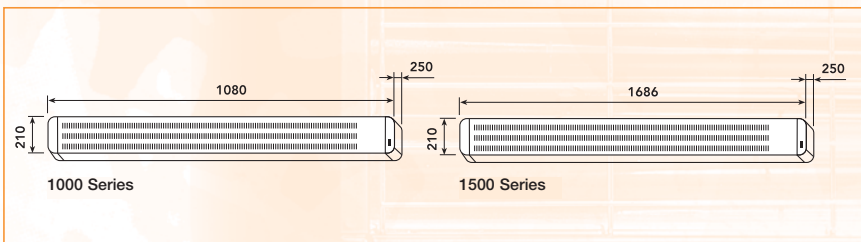


Hairdressers



Air distance/speed

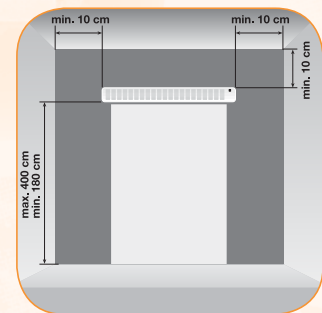
### ■ Dimensions (mm)



### CR-NW

Remote control unit fitted with the fan to control up to 5 units of the same model in series.

Power selector CR-NW



Installation height

### ■ Technical characteristics

Model	Voltage (50 Hz) (V)	Heat power (kW)	Motor power (W)	Speeds	Airflow (m <sup>3</sup> /h)			Air output speed* (m/s) at 0,05 m	Maximum $\Delta T$ (°C)			Sound pressure level** (dB(A))	Abs. current (A)	Water flow (l/s)	Threaded water connection	Pressure drop (KPa)	Weight (kg)	Ambient/ Hot air	Colour
					Speed				Speed										
					High	Medium	Low		High	Medium	Low								
COR-1000 NW 9	230	9	115	3	1623	1063	812	11	20	25	29	48	0,5	0,12	1 / 2"	7200	A / H	19	White RAL 9003
COR-1500 NW 15	230	15	115	3	2812	1866	1355	11	20	25	29	50	0,8	0,20	1 / 2"	11600	A / H	25	White RAL 9003

\* Maximum speed.

\*\* Measured at 3 m distance, at open air.

INPUT TEMPERATURE / WATER OUTPUT 90/70°C							
				INPUT AIR TEMPERATURE = + 15°C		INPUT AIR TEMPERATURE = + 20°C	
TYPE	FAN SPEED	AIR FLOW Q m <sup>3</sup> /h	WATER FLOW l/s	POWER KW	OUTPUT AIR TEMPERATURE °C	POWER KW	OUTPUT AIR TEMPERATURE °C
COR-1000 NW 9	HIGH	1623	0,120	11,68	35,9	10,85	39,7
	MEDIUM	1063	0,120	9,56	41,1	8,88	44,6
	LOW	812	0,120	8,33	44,8	7,73	48,1
COR-1500 NW 15	HIGH	2812	0,200	20,62	36,3	19,15	40,1
	MEDIUM	1866	0,200	16,89	41,3	15,69	44,8
	LOW	1355	0,200	14,3	45,7	13,27	48,9

INPUT TEMPERATURE / WATER OUTPUT 80/60°C							
				INPUT AIR TEMPERATURE = + 15°C		INPUT AIR TEMPERATURE = + 20°C	
TYPE	FAN SPEED	AIR FLOW Q m <sup>3</sup> /h	WATER FLOW l/s	POWER KW	OUTPUT AIR TEMPERATURE °C	POWER KW	OUTPUT AIR TEMPERATURE °C
COR-1000 NW 9	HIGH	1623	0,100	9,66	32,3	8,88	36,1
	MEDIUM	1063	0,100	7,92	36,6	7,28	40,2
	LOW	812	0,100	6,95	39,8	6,38	43,1
COR-1500 NW 15	HIGH	2812	0,170	14,44	33	16,03	36,8
	MEDIUM	1866	0,170	14,3	37,2	13,13	40,8
	LOW	1355	0,170	12,15	41,1	11,15	44,2

INPUT TEMPERATURE / WATER OUTPUT 70/50°C							
				INPUT AIR TEMPERATURE = + 15°C		INPUT AIR TEMPERATURE = + 20°C	
TYPE	FAN SPEED	AIR FLOW Q m <sup>3</sup> /h	WATER FLOW l/s	POWER KW	OUTPUT AIR TEMPERATURE °C	POWER KW	OUTPUT AIR TEMPERATURE °C
COR-1000 NW 9	HIGH	1623	0,083	7,72	28,8	7	32,7
	MEDIUM	1063	0,083	6,37	32,4	5,77	36
	LOW	812	0,083	5,61	35,1	5,08	38,4
COR-1500 NW 15	HIGH	2812	0,140	13,5	28,9	12,23	32,8
	MEDIUM	1866	0,140	11,22	32,4	10,15	36
	LOW	1355	0,140	9,58	35,5	8,67	38,9

INPUT TEMPERATURE / WATER OUTPUT 70/50°C							
				INPUT AIR TEMPERATURE = + 15°C		INPUT AIR TEMPERATURE = + 20°C	
TYPE	FAN SPEED	AIR FLOW Q m <sup>3</sup> /h	WATER FLOW l/s	POWER KW	OUTPUT AIR TEMPERATURE °C	POWER KW	OUTPUT AIR TEMPERATURE °C
COR-1000 NW 9	HIGH	1623	0,066	5,81	25,4	5,15	29,3
	MEDIUM	1063	0,066	4,88	28,3	4,32	32
	LOW	812	0,066	4,29	30,3	3,8	32,9
COR-1500 NW 15	HIGH	2812	0,110	10,42	25,7	9,24	29,7
	MEDIUM	1866	0,110	8,77	28,7	7,76	32,3
	LOW	1350	0,110	7,5	31,1	6,63	34,4