



## AR200

Recessed air curtain for smaller entrances

- Recommended installation height 2,5 m\*
- Recessed mounting
- Lengths: 1, 1,5 and 2 m

- ✪ Ambient, no heat
- ⚡ Electrical heat: 3–18 kW
- 💧 Water heat

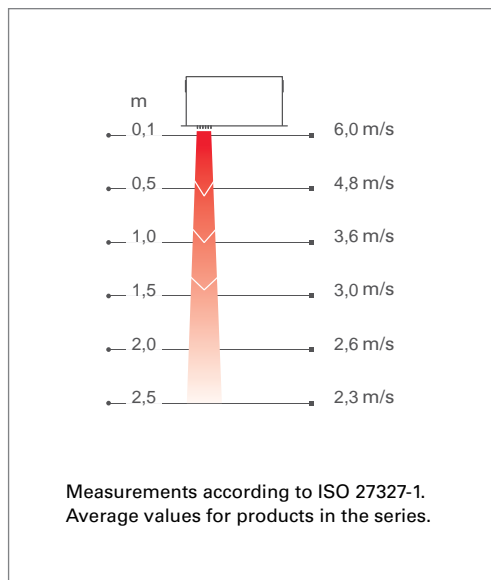
### Application

AR200 is a compact air curtain, suitable for most small entrances. A low height makes it possible to install AR200 where ceiling space is limited. The recessed installation and low sound level makes AR200 very discreet.

### Design

AR200 is designed for recessed installation and the visible bottom plate may be painted to make it blend in even better with the surroundings.

### Air velocity profile



### Product specifications

- Just one model per length, but electrical units are convertible between several outputs and 230V~/400V3N~ making it simple and flexible to adapt the output to current need.
- Low unit height (200 mm).
- Bottom plate in white lacquered aluminium.  
Colour: RAL 9016, NCS S 0500-N. The bottom plate can easily be removed and painted in an optional colour. Non visible parts made of hot zinc plated steel panels.

\*) Recommended installation height varies depending on the relevant premises.

## Technical specifications

### 🌀 Ambient, no heat - AR200 A

Type	Output	Airflow* <sup>1</sup>	Sound level* <sup>2</sup>	Voltage	Amperage	Length	Weight
	[kW]	[m <sup>3</sup> /h]	[dB(A)]	[V]	[A]	[mm]	[kg]
AR210A	0	650/1200	34/50	230V~	0,5	1042	18
AR215A	0	950/1750	34/50	230V~	0,6	1552	25
AR220A	0	1300/2400	40/54	230V~	1,0	2042	36

### ⚡ Electrical heat - AR200 E

Type	Output steps 400V3N~ [kW]	Output steps 230V~ [kW]	Airflow* <sup>1</sup>	$\Delta t$ * <sup>3</sup>	Sound level* <sup>2</sup>	Voltage	Amperage 400V3N~ [A]	Amperage 230V~ [A]	Length	Weight
			[m <sup>3</sup> /h]	[°C]	[dB(A)]	[V]			[mm]	[kg]
AR210E09	3	-	650/1200	13/7	34/50	400V3N~	4,3	-	1042	23
	6/9	-	650/1200	41/22	34/50	400V3N~	13	-	1042	23
	-	3	650/1200	13/7	34/50	230V~	-	13	1042	23
	-	3/5	650/1200	23/12	34/50	230V~	-	22	1042	23
AR215E11	4,5	-	950/1750	14/8	34/50	400V3N~	6,5	-	1552	32
	6,8/11,3	-	950/1750	35/20	34/50	400V3N~	16	-	1552	32
	-	4,5	950/1750	14/8	34/50	230V~	-	20	1552	32
	-	4,5/6,8	950/1750	21/12	34/50	230V~	-	30	1552	32
AR220E18	6	-	1300/2400	13/7	40/54	400V3N~	8,7	-	2042	44
	12/18	-	1300/2400	41/22	40/54	400V3N~	26	-	2042	44
	-	6	1300/2400	13/7	40/54	230V~	-	26	2042	44
	-	6/10	1300/2400	23/12	40/54	230V~	-	43	2042	44

### 💧 Water heat - AR200 W

Type	Output* <sup>4</sup>	Airflow* <sup>1</sup>	$\Delta t$ * <sup>3,4</sup>	Water volume	Sound level* <sup>2</sup>	Voltage	Amperage	Length	Weight
	[kW]	[m <sup>3</sup> /h]	[°C]	[l]	[dB(A)]	[V]	[A]	[mm]	[kg]
AR210W	6,6	700/1000	24/21	0,5	41/49	230V~	0,4	1042	21
AR215W	10,4	1000/1600	24/20	0,9	37/50	230V~	0,6	1552	39
AR220W	13,0	1400/2000	23/20	1,1	44/53	230V~	1,0	2042	42

\*<sup>1</sup>) Lowest/highest airflow of totally 3 fan steps.

\*<sup>2</sup>) Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m<sup>2</sup>. At lowest/highest airflow.

\*<sup>3</sup>)  $\Delta t$  = temperature rise of passing air at maximum heat output and lowest/highest airflow.

\*<sup>4</sup>) Applicable at water temperature 80/60 °C, air temperature, in +18 °C.

AR200E is delivered as 9 kW, 11 kW and 18 kW (400V3N~) models, but they are convertible to 230V~ and different outputs as shown in above table.

Protection class: IP20.

CE compliant.