



AR200

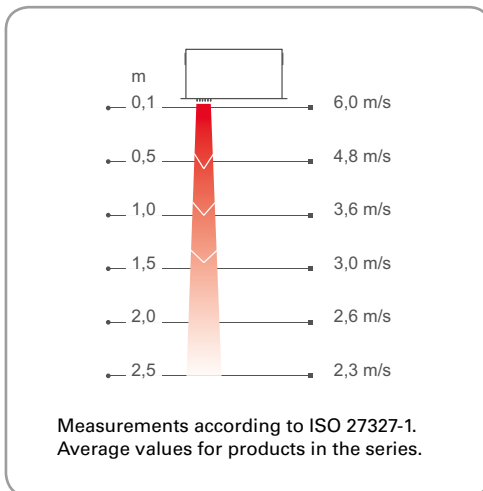
Recessed air curtain for smaller entrances

Recommended installation height 2,5 m*

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.

- 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.

Air velocity profile



Control



This air curtain is regulated by the SIRE control system via an external PC board. There are three different levels with different functionality to choose from, Basic, Competent or Advanced. One SIRE can control up to nine AR200 air curtains. Each AR200 requires an external PC board SIREB1XA.

Type	Description
SIREBN	Control system SIRE Basic
SIREACY	Control system SIRE Competent
SIREAAY	Control system SIRE Advanced
SIREB1XAE	External control board for AR200E
SIREB1XAW	External control board for AR200A/W

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

✿ Ambient, no heat - AR200 A (IP20)

Type	Output	Airflow* ¹	Sound power* ²	Sound pressure* ³	Voltage	Amperage	Length	Weight
	[kW]	[m ³ /h]	[dB(A)]	[dB(A)]	[V]	[A]	[mm]	[kg]
AR210A	0	650/1200	66	34/50	230V~	0,5	1042	18
AR215A	0	950/1750	66	34/50	230V~	0,6	1552	25
AR220A	0	1300/2400	70	40/54	230V~	1,0	2042	36

⚡ Electrical heat - AR200 E (IP20)

Type	Output steps 400V3N~	Output steps 230V~	Airflow* ¹	Δt * ⁴	Sound power* ²	Sound pressure* ³	Voltage	Amperage 400V3N~	Amperage 230V~	Length	Weight
	[kW]	[kW]	[m ³ /h]	[°C]	[dB(A)]	[dB(A)]	[V]	[A]	[A]	[mm]	[kg]
AR210E09	3	-	650/1200	13/7	66	34/50	400V3N~	4,3	-	1042	23
	6/9	-	650/1200	41/22	66	34/50	400V3N~	13	-	1042	23
	-	3	650/1200	13/7	66	34/50	230V~	-	13	1042	23
	-	3/5	650/1200	23/12	66	34/50	230V~	-	22	1042	23
AR215E11	4,5	-	950/1750	14/8	66	34/50	400V3N~	6,5	-	1552	32
	6,8/11,3	-	950/1750	35/20	66	34/50	400V3N~	16	-	1552	32
	-	4,5	950/1750	14/8	66	34/50	230V~	-	20	1552	32
	-	4,5/6,8	950/1750	21/12	66	34/50	230V~	-	30	1552	32
AR220E18	6	-	1300/2400	13/7	70	40/54	400V3N~	8,7	-	2042	44
	12/18	-	1300/2400	41/22	70	40/54	400V3N~	26	-	2042	44
	-	6	1300/2400	13/7	70	40/54	230V~	-	26	2042	44
	-	6/10	1300/2400	23/12	70	40/54	230V~	-	43	2042	44

💧 Water heat - AR200 W (IP20)

Type	Output* ⁵	Airflow* ¹	Δt * ^{4,5}	Water volume	Sound power* ²	Sound pressure* ³	Voltage	Amperage	Length	Weight
	[kW]	[m ³ /h]	[°C]	[l]	[dB(A)]	[dB(A)]	[V]	[A]	[mm]	[kg]
AR210W	6,6	700/1000	24/21	0,5	64	41/49	230V~	0,4	1042	21
AR215W	10	1000/1600	24/20	0,9	66	37/50	230V~	0,6	1552	39
AR220W	13	1400/2000	23/20	1,1	69	44/53	230V~	1,0	2042	42

*¹) Lowest/highest airflow of totally 3 fan steps.

*²) Sound power (L_{WA}) measurements according to ISO 27327-2: 2014, Installation type E.

*³) Sound pressure (L_{pA}). Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m². At lowest/highest airflow.

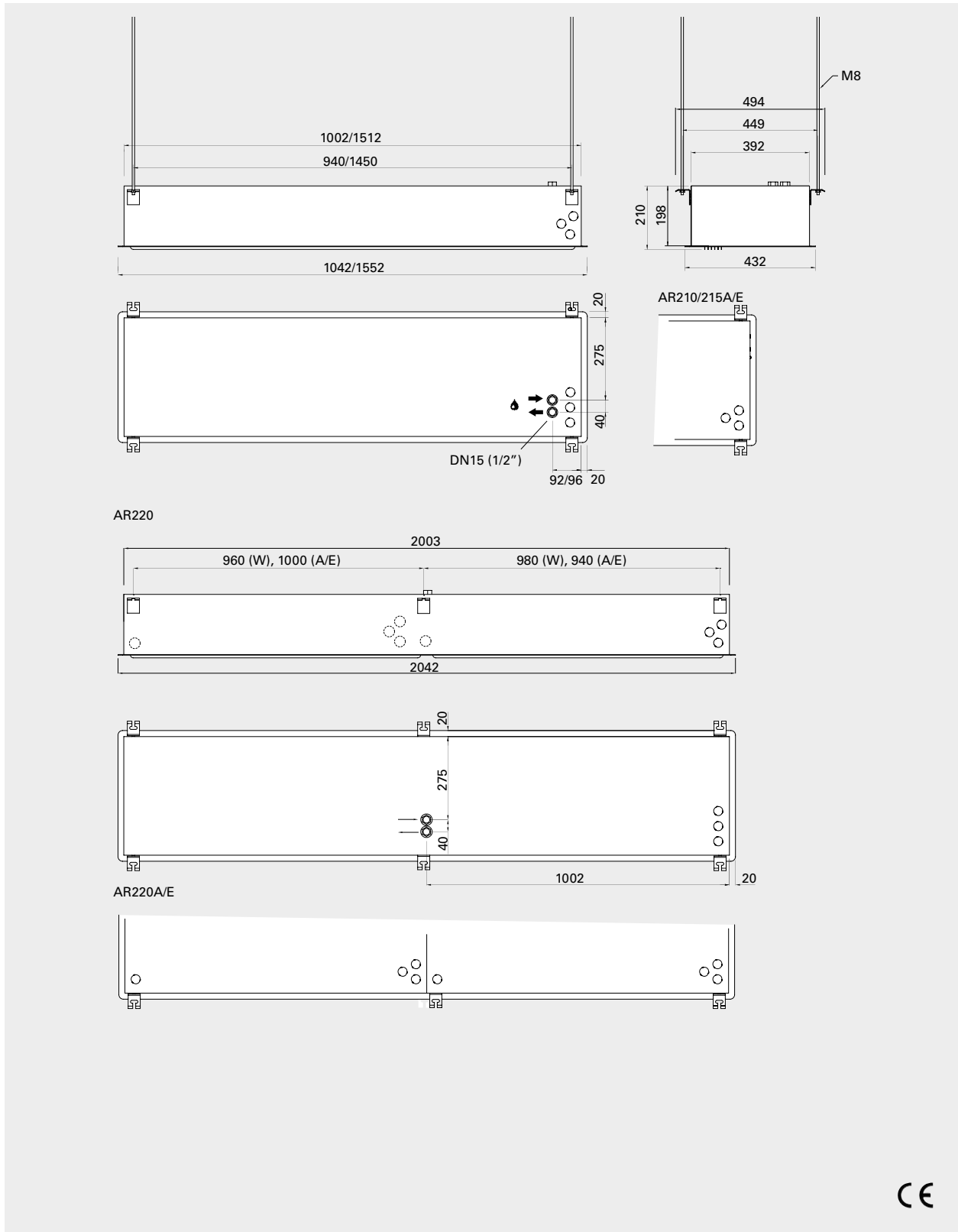
*⁴) Δt = temperature rise of passing air at maximum heat output and lowest/highest airflow.

*⁵) Applicable at water temperature 80/60 °C, air temperature, in +18 °C.

Approved for 220V/1ph/60Hz and 380V/3ph/60Hz. Product performance for 220V/1ph/60Hz and 380V/3ph/60Hz will differ from stated data.

AR200

Dimensions



For mounting, connection, wiring diagrams and other technical information, please see the manual.