



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.

🌀 Ambient, no heat - AR200 A

IP20

Type	Output [kW]	Airflow*1 [m³/h]	Sound level*2 [dB(A)]	Voltage [V]	Amperage [A]	Length [mm]	Weight [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

IP20

Type	Output steps 400V3N~ [kW]	Output steps 230V~ [kW]	Airflow*1 [m³/h]	Δt^{*3} [°C]	Sound level*2 [dB(A)]	Voltage [V]	Amperage 400V3N~ [A]	Amperage 230V~ [A]	Length [mm]	Weight [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

IP20

Type	Output*4 [kW]	Airflow*1 [m³/h]	$\Delta t^{*3,4}$ [°C]	Water volume [l]	Sound level*2 [dB(A)]	Voltage [V]	Amperage [A]	Length [mm]	Weight [kg]
AR210W	6,6	700/1000	24/21	0,5	41/49	230V~	0,4	1042	21
AR215W	10	1000/1600	24/20	0,9	37/50	230V~	0,6	1552	39
AR220W	13	1400/2000	23/20	1,1	44/53	230V~	1,0	2042	42

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

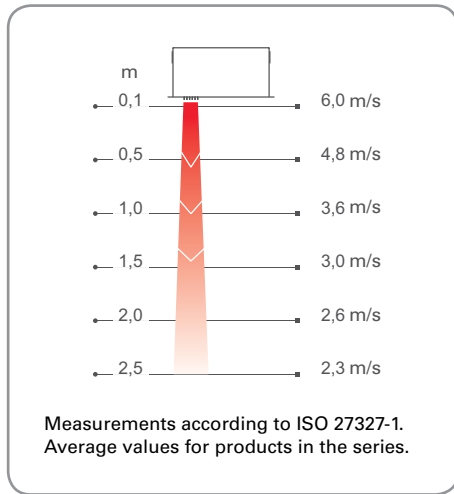
*2) Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m². At lowest/highest airflow.

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

*4) 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.

Air velocity profile



Control

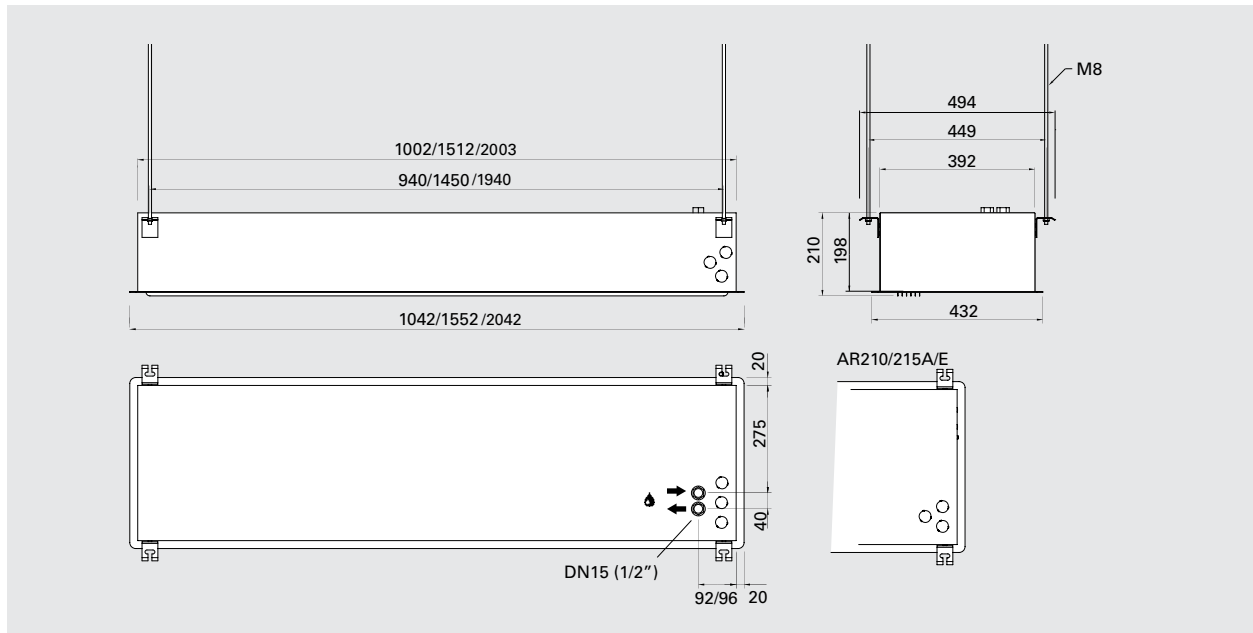
✿ Unit without heating
Level 1
- CB30N, control box, 3 fan steps.

💧 Unit with water heating
Level 1
- CB30N, control box, 3 fan steps.
- T10S, room thermostat IP30.
Level 2
- CB30N, control box, 3 fan steps.
- RTI2, electronic 2-step thermostat.
- MDC, magnetic door contact with a time relay.

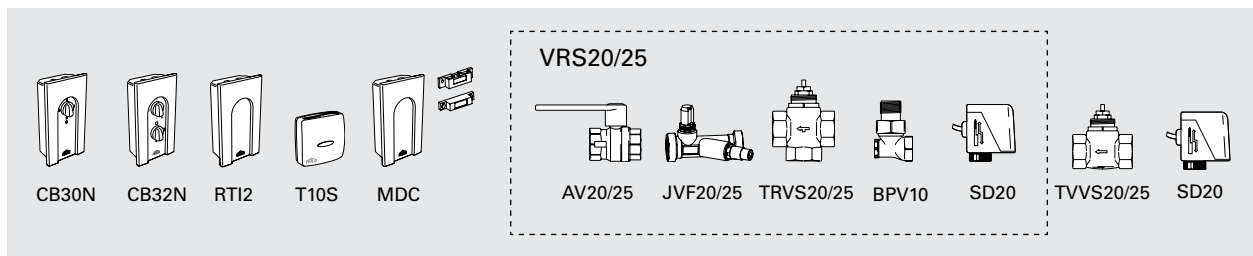
⚡ Unit with electrical heating
Level 1
- CB32N, control box, 3 fan steps and 2 heating steps.
- RTI2, electronic 2-step thermostat.
Level 2
- CB32N, control box, 3 fan steps and 2 heating steps.
- RTI2, electronic 2-step thermostat.
- MDC, magnetic door contact with a time relay.

Valve kit VRS20/25 (option: valve TVVS20/25 with actuator SD20) is used to control the water flow.

Dimensions



Controls



Type	Description	HxWxD [mm]
CK01E	Control kit Electric level 1 (CB32N, RTI2)	
CK02E	Control kit Electric level 2 (CB32N, RTI2, MDC)	
CK01W	Control kit Water level 1 (CB30N, T10)	
CK02W	Control kit Water level 2 (CB30N, RTI2, MDC)	
CB30N	Control box AR200A/W, IP44	155x87x43
CB32N	Control box AR200E, IP44	155x87x43
T10S	Electronic thermostat, IP30	80x80x31
RTI2	Electronic 2-step room thermostat, IP44	155x87x43
MDC	Magnetic door contact with time relay, IP44	155x87x43
MDCDC	Magnetic door contact	

Type	Description
VRS20	Valve set DN20
VRS25	Valve set DN25
TVVS20	2-way control valve, DN20
TVVS25	2-way control valve, DN25
SD20	Actuator 230V~