

RAR200 A/E/W



- ✿ Ambient, no heat
- ⚡ Electrical heat 3-18 kW
- 💧 Water heat

Lengths 1, 1.5 and 2 metres

CE

RAR200 A/E/W

Recessed air curtains for installation heights up to 2,5 metres

Application

RAR200 is especially suited for environments with high demands in respect of design. It is recessed in ceilings above entry doors and other small doors where the height is no greater than 2,5 metres. A low height makes it possible to install RAR200 where ceiling space is limited. The recessed installation and low sound level makes RAR200 very discreet.

Comfort

RAR200 creates an air barrier, which prevents cold draughts and ensures comfortable heating inside the door. An adjustable air blower grille makes it possible to direct the air for an optimal air curtain effect. RAR200, with heat, can also contribute to the heating of the room when the door is closed.

Operation and economy

RAR200 saves energy. The air barrier reduces energy losses through the door opening and the energy consumption of the air curtain is also low. With an air curtain as a heat source it produces heat in the area where it is most needed, and as a result the rest of the premises can be covered with less output. Easy installation and maintenance minimizes the cost and the risk of errors.

Design

RAR200 is designed for recessed installation and the visible bottom plate may be painted to make it blend even better with the premises.

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 0500. The bottom plate can easily be removed and painted in an optional colour. Non visible parts made of hot zinc plated steel panels.

Technical specifications | RAR200 A without heat ❄️

Type	Output	Airflow	Sound level*1	Voltage	Amperage	Length	Weight
	[kW]	[m³/h]	[dB(A)]	[V]	[A]	[mm]	[kg]
RAR210A	0	650/1200	34/50	230V~	0,5	1042	18
RAR215A	0	950/1750	34/50	230V~	0,6	1552	25
RAR220A	0	1300/2400	40/54	230V~	1,0	2042	36

Technical specifications | RAR 200 E electrically heated ⚡

Type	Output steps 400V3N~ [kW]	Output steps 230V~ [kW]	Airflow [m³/h]	Sound level*1 [dB(A)]	Δt*2 [°C]	Voltage [V]	Amperage 400V3N~ [A]	Amperage 230V~ [A]	Length [mm]	Weight [kg]
RAR210E09	0/3	-	650/1200	34/50	13/7	400V3N~	4,3	-	1042	23
	0/6/9	-	650/1200	34/50	41/22	400V3N~	13	-	1042	23
	-	0/3	650/1200	34/50	13/7	230V~	-	13	1042	23
	-	3/5	650/1200	34/50	23/12	230V~	-	22	1042	23
RAR215E11	0/4,5	-	950/1750	34/50	14/8	400V3N~	6,5	-	1552	32
	0/6,8/11,3	-	950/1750	34/50	35/20	400V3N~	16	-	1552	32
	-	0/4,5	950/1750	34/50	14/8	230V~	-	20	1552	32
	-	0/4,5/6,8	950/1750	34/50	21/12	230V~	-	30	1552	32
RAR220E18	0/6	-	1300/2400	40/54	13/7	400V3N~	8,7	-	2042	44
	0/12/18	-	1300/2400	40/54	41/22	400V3N~	26	-	2042	44
	-	0/6	1300/2400	40/54	13/7	230V~	-	26	2042	44
	-	0/6/10	1300/2400	40/54	23/12	230V~	-	43	2042	44

Technical specifications | RAR200 W water heated 💧

Type	Output*3 [kW]	Airflow [m³/h]	Δt*2,3 [°C]	Water volume [l]	Sound level*1 [dB(A)]	Voltage [V]	Amperage [A]	Length [mm]	Weight [kg]
RAR210W	5,5/7	700/1000	24/21	0,5	41/49	230V~	0,4	1042	21
RAR215W	8/11	1000/1600	24/20	0,9	37/50	230V~	0,6	1552	30
RAR220W	11/14	1400/2000	23/20	1,1	44/53	230V~	1,0	2042	42

*1) Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m².

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

*3) Applicable at water temperature 80/60 °C, air temperature + 15 °C.

RAR200E 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 RAR200A/E/W: IP20.
CE compliant.

Control options**Control kits RAR200A** ❄️

Level 1: SB0N, control box, controls the airflow in 2 steps

Control kits RAR200E ⚡

Level 1: SBN, control box, controls the airflow in 2 steps and heat output in 2 steps
TS2, 2-step room thermostat

Level 2: SBN, control box, controls the airflow in 2 steps and heat output in 2 steps.
MDCN, magnetic door contact with time delay
TS2, 2-step room thermostat

Control kits RAR200W 💧

Level 1: SB0N, control box, controls the airflow in 2 steps
TS1, room thermostat IP30

Level 2: SB0N, control box, controls the airflow in 2 steps
MDCN, magnetic door contact with time delay
TS2, 2-step room thermostat

Note! A set of valves or actuator+valve should be added for a complete control kit.