

# Air curtain RAR3500



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Recessed mounting makes RAR3500 very discreet and especially suited for environments with high demands in respect of design.

Air curtains save energy. The air barrier reduces energy losses through the door opening and the energy consumption of the air curtain is also low.

RAR3500 is designed for recessed installation and colouring is possible to make it blend even better with the premises.

## Product facts

- Recessed mounting, installation height up to 3,5 metres.
- Integrated control system PLS with pre-programmed default settings.
- The frame and hatch can be painted in an optional colour.
- Corrosion proof housing made of hot zinc plated and powder enamelled steel panels. Colour (frame and hatch): RAL 9016, NCS 0500.

## Control system PLS



PLSUB1

### PLS Basic

- Manual regulation of the fan and temperature
- Automatic control of fan speed and temperature with integrated thermostat.



PLSUA1

### PLS Competent

- All functions for Basic
- Calendar function
- Filter sensor
- Simple BMS control - on/off, fan speed and alarm functions
- Flexible mode - for doors that open and close frequently
- Open mode - for doors that stay open

## Water control

### VOS, valve kit on/off



Regulation and adjustment valve



Actuator on/off



Shut off valve



Bypass valve

### VOSP, pressure independent valve kit on/off



Pressure independent regulation and adjustment valve



Actuator on/off



Shut off valve



Bypass valve

### VOT, three way control valve and actuator on/off

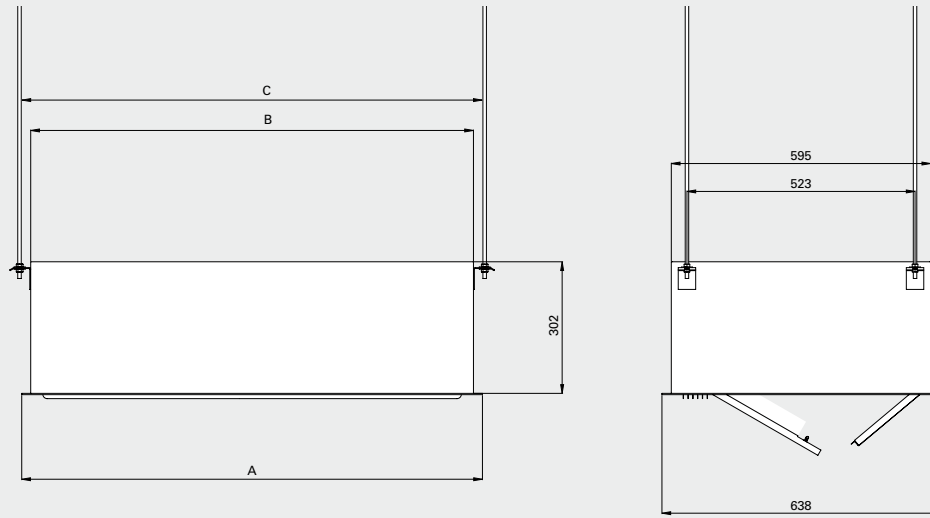


Three way control valve



Actuator on/off

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	A [mm]	B [mm]	C [mm]
<b>RAR3510</b>	1057	1016	1067
<b>RAR3515</b>	1567	1526	1577
<b>RAR3520</b>	2073	2031	2083



## RAR3500 A without heat

Type	Output [kW]	Airflow [m <sup>3</sup> /h]	Sound level* <sup>2</sup> [dB(A)]	Voltage Amperage (control)	Length [mm]	Weight [kg]
<b>RAR3510A</b>	0	1000/2100	39/58	230 V~/2,1 A	1057	38
<b>RAR3515A</b>	0	1400/2900	40/59	230 V~/2,9 A	1567	51
<b>RAR3520A</b>	0	2000/4200	41/61	230 V~/4,3 A	2073	70

## RAR3500 E with electrical heat

Type	Output steps [kW]	Airflow [m <sup>3</sup> /h]	$\Delta t$ * <sup>1</sup> [°C]	Sound level* <sup>2</sup> [dB(A)]	Voltage Amperage (control)	Voltage Amperage (heat)	Length [mm]	Weight [kg]
<b>RAR3510E09</b>	0/4,5/9	1000/2100	27/13	39/58	230 V~/2,1 A	400 V3~/13 A	1057	42
<b>RAR3515E14</b>	0/7/13,5	1400/2900	29/14	40/59	230 V~/2,9 A	400 V3~/19,5 A	1567	58
<b>RAR3520E18</b>	0/9/18	2000/4200	27/15	41/61	230 V~/4,3 A	400 V3~/26 A	2073	78

## RAR3500 W with water heat

Type	Output* <sup>3</sup> [kW]	Airflow [m <sup>3</sup> /h]	$\Delta t$ * <sup>1,3</sup> [°C]	Sound level* <sup>2</sup> [dB(A)]	Voltage [V]	Amperage [A]	Length [mm]	Weight [kg]
<b>RAR3510W</b>	16	1000/2000	30/23	39/58	230V~	2,1	1057	42
<b>RAR3515W</b>	23	1400/2800	31/24	40/58	230V~	2,9	1567	58
<b>RAR3520W</b>	33	2000/4000	31/25	41/60	230V~	4,3	2073	78

\*<sup>1</sup>)  $\Delta t$  = temperature rise of passing air at maximum heat output and lowest/highest airflow.

\*<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>) Applicable at water temperature 80/60 °C, air temperature, in +15 °C.

Protection class: recessed mounting: above false ceiling: IP44, below false ceiling: IP20.  
Approved by SEMKO and CE compliant.