



AR3500

Recessed air curtain for commercial premises, with intelligent control

- Recommended installation height 3,5 m*
- Recessed mounting
- Lengths: 1, 1,5 and 2 m

- ✿ Ambient, no heat
- ⚡ Electrical heat: 9–18 kW
- 💧 Water heat W, WLL

Application

With its concealed location, AR3500 is very unobtrusive and with that particularly suitable for environments where the design is important.

The air curtain has many intelligent and energy saving features which provide fully automatic protection for the entrance, adaptable to each area of use.

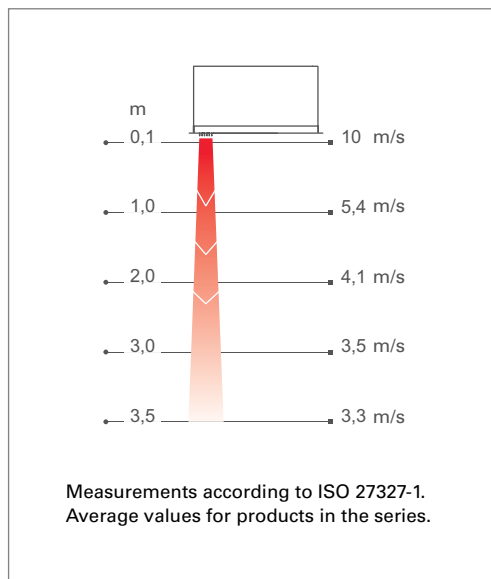
Design

AR3500 is intended for recessed installation and the frame and hatch can be painted in colours that blend well with the premises.



Optimized airflow with Thermozone technology.

Air velocity profile



Product specifications

- Prepared for the SIRE control system whose pre-programmed default settings and many features make it easy to install and use the air curtain. Read more about the SIRE controls package in the "Controls" section.
- Possibility to integrate the air curtain with a BMS system.
- Corrosion proof housing made of hot zinc-plate and powder enamelled steel panels. Colour frame and hatch: white, RAL 9016, NCS S 0500-N. Colour grille: grey, RAL 7046. The frame and hatch can be painted in an optional colour.

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

Technical specifications

✿ Ambient, no heat - AR3500 A

Type	Output [kW]	Airflow* ¹ [m³/h]	Sound level* ² [dB(A)]	Voltage Amperage (control)	Length [mm]	Weight [kg]
AR3510A	0	1000/2100	39/58	230 V~ /2,1 A	1057	38
AR3515A	0	1400/2900	40/59	230 V~ /2,9 A	1567	51
AR3520A	0	2000/4200	41/61	230 V~ /4,3 A	2073	70

⚡ Electrical heat - AR3500 E

Type	Output steps [kW]	Airflow* ¹ [m³/h]	Δt* ³ [°C]	Sound level* ² [dB(A)]	Voltage Amperage (control)	Voltage Amperage (heat)	Length [mm]	Weight [kg]
AR3510E09	4,5/9	1000/2100	27/13	39/58	230 V~ /2,1 A	400 V3~ /13 A	1057	42
AR3515E14	7/13,5	1400/2900	29/14	40/59	230 V~ /2,9 A	400 V3~ /19,5 A	1567	58
AR3520E18	9/18	2000/4200	27/15	41/61	230 V~ /4,3 A	400 V3~ /26 A	2073	78

💧 Water heat - AR3500 W, coil for low water temperature (≤80 °C)

Type	Output* ⁴ [kW]	Airflow* ¹ [m³/h]	Δt* ^{3,4} [°C]	Water volume [l]	Sound level* ² [dB(A)]	Voltage [V]	Amperage [A]	Length [mm]	Weight [kg]
AR3510W	8,6	1000/2000	17/13	1,3	39/58	230V~	2,1	1057	42
AR3515W	12,6	1400/2800	17/13	2,1	40/58	230V~	2,9	1567	58
AR3520W	18,3	2000/4000	18/14	2,9	41/60	230V~	4,3	2073	78

💧 Water heat - AR3500 WLL, coil for very low temperature water (≤60 °C)

Type	Output* ⁵ [kW]	Airflow* ¹ [m³/h]	Δt* ^{3,5} [°C]	Water volume [l]	Sound level* ² [dB(A)]	Voltage [V]	Amperage [A]	Length [mm]	Weight [kg]
AR3510WLL	8,0	950/1900	15/12	2,6	37/57	230V~	2,1	1057	45
AR3515WLL	11,7	1300/2600	16/13	4,2	38/57	230V~	2,9	1567	61
AR3520WLL	16,7	1900/3800	16/13	5,8	40/59	230V~	4,3	2073	83

*¹) Lowest/highest airflow of totally 5 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 60/40 °C, air temperature, in +18 °C.

*⁵) Applicable at water temperature 40/30 °C, air temperature, in +18 °C.

Protection class, recessed mounting above suspended ceilings: IP44, hanging on rods without suspended ceiling: IP20.

Approved by SEMKO and CE compliant.