

**Air-curtain barriers**



**XLA-C**

Basic air-curtain barriers

**p. G 3**



**XLB**

Air-curtain barriers for private employements

**p. G 4**



**XLC**

Air-curtain barriers for commercial applications

**p. G 5**



**XLD**

Air-curtain barriers for counterceiling applications

**p. G 7**



**XLE**

Air-curtain barriers for industrial applications

**p. G 9**



# MP3

advanced air diffusion

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air-curtain barriers

air-curtain barriers

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Version 09/00

# MP3



**Overview**

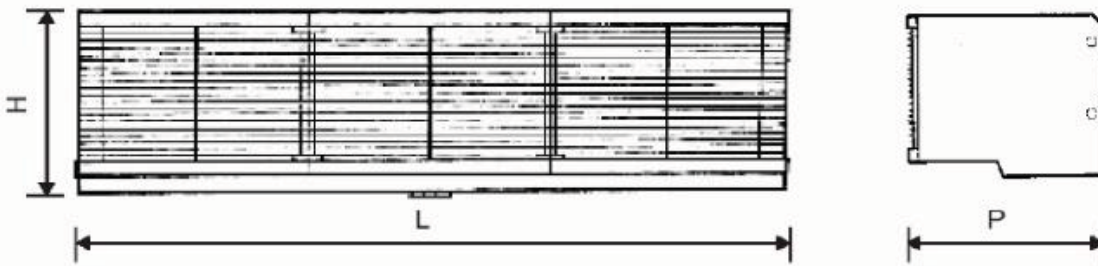
The XLA-C Series air-curtain barriers are suitable for fix the application on traditional front doors to prevent moreover the coming in the room of dusts, exhausted gas, smells and insects. It is also possible to use the XLA Series air-curtain barriers to the inside of the building itself, to separate different conditions rooms: for example heated zones from warehouse without heating, or dinning rooms from the kitchens (in that way to make it easier to the employees passing by, and at the same time to avoid the transfert of smells and steams).

**Technical data**

- 2.8 m maximum height of installation
- 0.9, 1.2 m available lengths
- White RAL 9016 colour
- 2-speed fan
- Fixing by expansion nogs
- Orientable output fins
- Remote control device or remote control

**Dimensions**

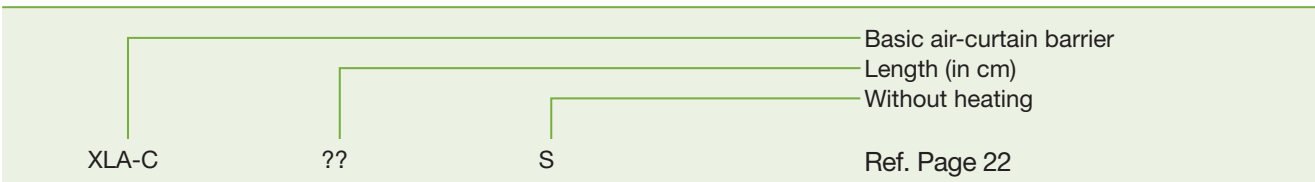
Model	L mm	H mm	P mm	Weight kg
XLA-C09S	900	230	215	16
XLA-C12S	1.200	230	215	18

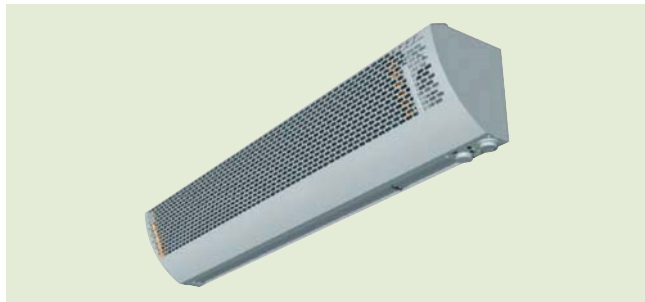


**Quick selection**

Model	Voltage V	Frequency Hz	Power W		Air Flow Rate m³/h		Air Velocity m/sec		Sound Power dBa	
			H	L	H	L	H	L	H	L
XLA-C09S	220-240	50	300-270		1100-900		16-13		52-49	
XLA-C12S	220-240	50	400-360		1500-1200		16-13		53-50	

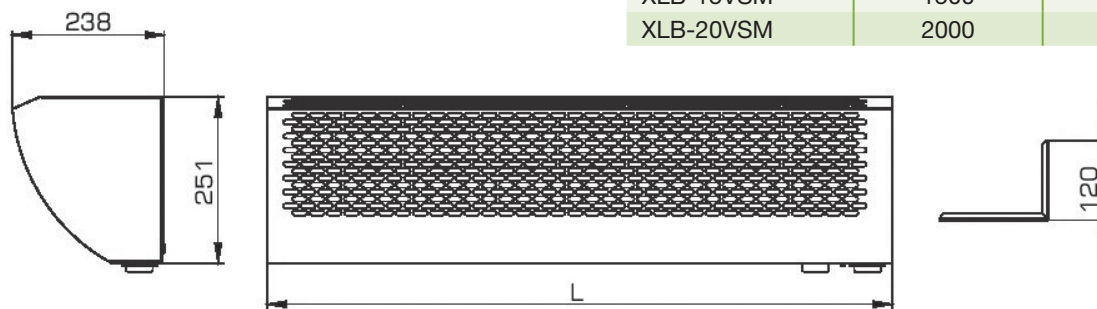
**How to order**





### Technical data

- 3,5 m (2,8 per water-versions) maximum installation height
- 1,0, 1,5, 2,0 m available lengths
- White RAL 9016 colour
- Available models with electric heating or water batteries
- Air-flow regulation with on-off 3 speeds walled remote control
- Fixing by supporting brackets
- Adjustable give-out deflectors



### Overview

The XLB Series air-curtain barriers are suitable for application in civil buildings in correspondance of doors and entrances, they could integrate the heating installations and they prevent the coming in the room of dusts, exhausted gas, smells and insects. The XLB Series air-curtain barriers are suitable for be used in bars, hotel entrances, shops, book-stores, restaurants, expositions area, cooled warehouses, offices etc.

### Dimensions

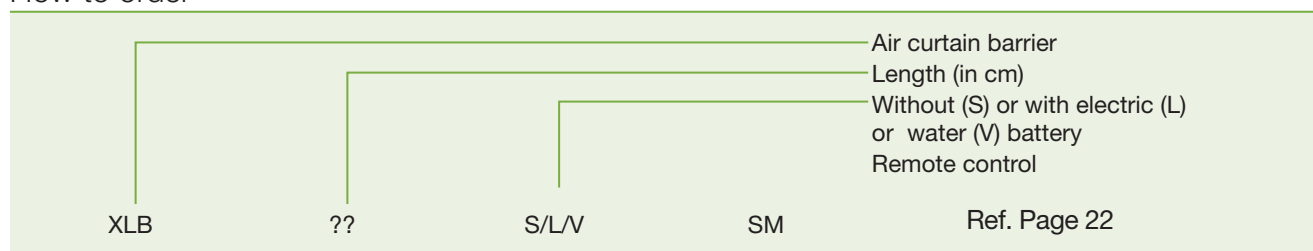
Model	L [mm]	Weight [kg]
XLB-10SSM	1000	17,6
XLB-15SSM	1500	20,9
XLB-20SSM	2000	24,5
XLB-10LSM	1000	18,6
XLB-15LSM	1500	22,7
XLB-20LSM	2000	26,9
XLB-10VSM	1000	22,7
XLB-15VSM	1500	28,4
XLB-20VSM	2000	34,4

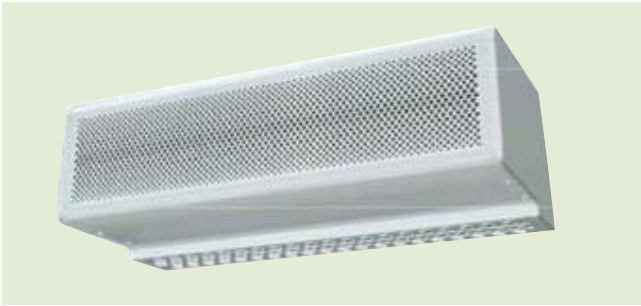
### Quick selection

Model	Air-flow rate Q [m³/h]	I <sub>nom</sub> [A] - Voltage [V]	Nr.of Speeds	Heating battery	Power [kW] - nr of stages	L <sub>pA</sub> a 3m [dB(A)]
XLB-10SSM	1500	0,9 - 230	3	-	-	50,4
XLB-15SSM	2200	0,9 - 230	3	-	-	51,1
XLB-20SSM	2950	0,9 - 230	3	-	-	52,2
XLB-10LSM	1350	9,6 - 400	3	ELECTRIC	4,5 - 1	50,2
XLB-15LSM	2000	13,9 - 400	3	ELECTRIC	6,0 - 1	50,9
XLB-20LSM	2700	18,3 - 400	3	ELECTRIC	12,0 - 1	52,0
XLB-10VSM	1100	0,9 - 230	3	WATER	7,8*	48,8
XLB-15VSM	1650	0,9 - 230	3	WATER	12,8*	49,5
XLB-20VSM	2200	0,9 - 230	3	WATER	17,7*	50,6

\* Values 18 °C air-temperature and 80-60 °C water temperature

### How to order



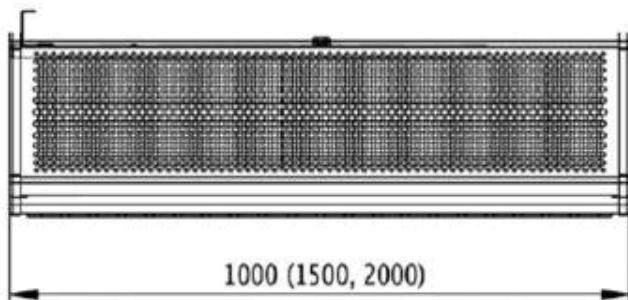
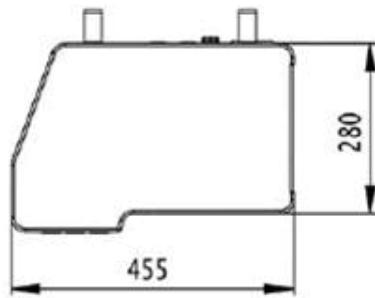


### Overview

The XLC Series air-curtain barriers are suitable for the application in business activities as supermarkets, hotels, restaurants, shopping centers, public offices, warehouses, sheds, etc. They are able to integrate the heating installation and to prevent the coming in the room of dusts, exhausted gas, smells and insects. The XLC Series air-curtain barriers had been subjected to systematic testing before being supplied.

### Technical data

- Maximum installation height from 3,2 m
- 1.0, 1.5, 2.0 m available lengths
- White RAL 9010 colour
- Available models with electric heating or water batteries
- Air-flow regulation with on-off 3 speeds walled remote control



### Dimensions

Model	L [mm]	Weight [kg]
XLC-E10SSM	1.000	29
XLC-E15SSM	1.500	41
XLC-E20SSM	2.000	50
XLC-E10EDM	1.000	32
XLC-E15EDM	1.500	45
XLC-E20EDM	2.000	54
XLC-E10WDM	1.000	37
XLC-E15WDM	1.500	52
XLC-E20WDM	2.000	62



### Quick selection

Model	maximum height [m]	maximum air flow [m³/h]	heating	thermal power [kW]	power supply [A / V / Hz]	noise level [dB(A)]***
XLC-E10SSM	3,2	2.400	NO	-	1,1 / 230 / 50	52,5
XLC-E15SSM	3,2	3.600	NO	-	1,7 / 230 / 50	55,0
XLC-E20SSM	3,2	4.800	NO	-	2,2 / 230 / 50	56,5
XLC-E10EDM	3,2	2.350	ELECTRIC	4,7 / 9,5	14,9/400+N/50****	52,5
XLC-E15EDM	3,2	3.525	ELECTRIC	7,5 / 15,0	23,4/400+N/50****	55,0
XLC-E20EDM	3,2	4.700	ELECTRIC	9,5 / 19,0	39,7/400+N/50****	56,5
XLC-E10WDM	3,0	2.150	WATER	17,3	1,1 / 230 / 50	52,0
XLC-E15WDM	3,0	3.225	WATER	27,2	1,7 / 230 / 50	54,5
XLC-E20WDM	3,0	4.300	WATER	36,2	2,2 / 230 / 50	56,0

\* Values for one stage / two stages activated

\*\* Value for air temperature of 18 °C and water temperature gradient of 90/70 °C

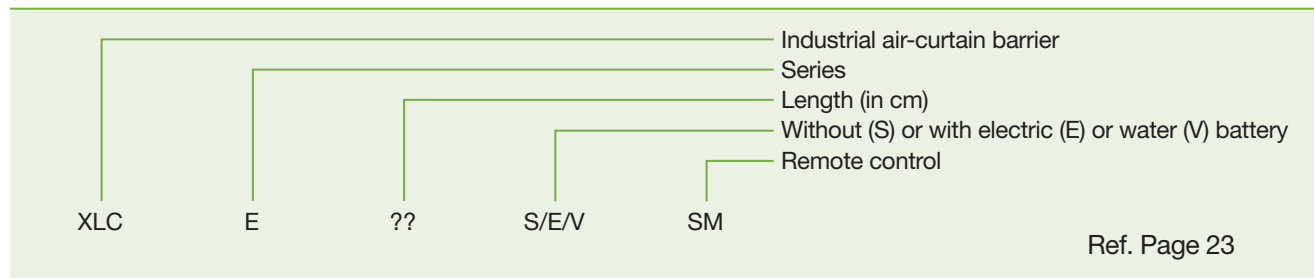
\*\*\* The noise pressure level refers to the maximum air flow and is measured at 3m from the extraction opening according to EN-ISO 3743-1 and EN-ISO 3744 standards.

\*\*\*\* For versions with electrical heating, it is necessary to foresee a three phase power supply with earth.

### Accessories

<b>XLC-SKDA</b>	Pair of brackets for wall fitting
<b>XLC-SDA</b>	Pair of brackets for ceiling fitting
<b>XLC-DS</b>	Opened door switch – versions without heating
<b>XLC-DK1</b>	Opened door switch – versions with heating
<b>XLC-TERP</b>	Wall thermostat
<b>XLC-V135</b>	V3 way valve with capillary

### How to order





### Overview

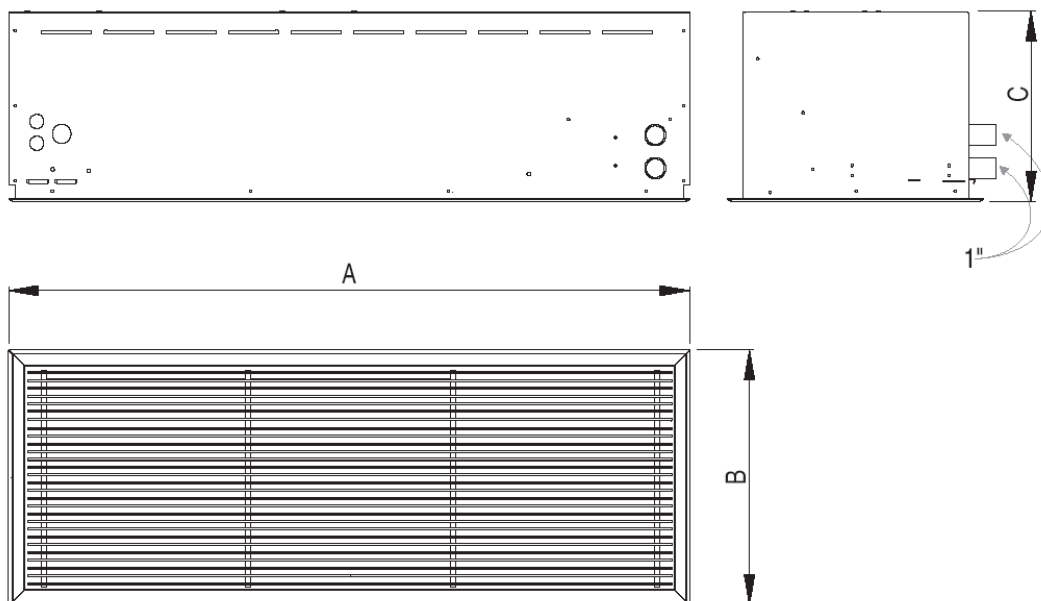
The XLD Series air-curtain barriers are suitable for the counterceiling installation and they are used where is important the aesthetic result, as for example in banks, hotels, restaurants, head offices, congress halls, etc. Moreover they could integrate and/or substitute the heating installation.

### Technical data

- Maximum installation height from 4 m (XLD-B) up to 7,5 m (XLD-C)
- 1.0, 1.5, 2.0 m available lengths
- White RAL 9002 colour
- Available models with electric heating or water batteries
- Air-flow regulation with on-off 3 speeds walled remote control
- High engineering rate to make it easier the internal and inspection service.

### Dimensions

Model	A [mm]	B [mm]	C [mm]	Weight [kg]
XLD-B10SSM	1100	410	304	21
XLD-B15SSM	1500	410	304	34
XLD-B20SSM	2000	410	304	48
XLD-B10ESM	1100	410	304	25
XLD-B15ESM	1500	410	304	37
XLD-B20ESM	2000	410	304	51
XLD-B10VSM	1100	410	304	27
XLD-B15VSM	1500	410	304	41
XLD-B20VSM	2000	410	304	57
XLD-C10SSM	1100	410	304	24
XLD-C15SSM	1500	410	304	37
XLD-C20SSM	2000	410	304	51
XLD-C10ESM	1100	410	304	28
XLD-C15ESM	1500	410	304	40
XLD-C20ESM	2000	410	304	53
XLD-C10VSM	1100	410	304	30
XLD-C15VSM	1500	410	304	43
XLD-C20VSM	2000	410	304	60



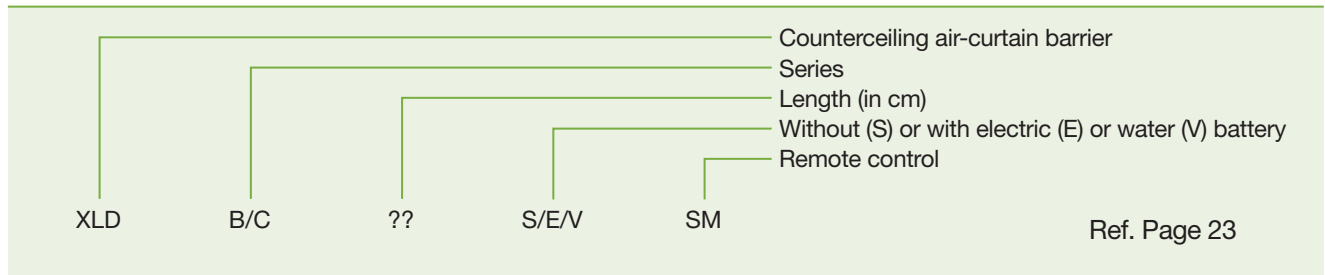
### Quick selection

Model	Maximum height [m]	Air-flow rate Q [m³/h]	I <sub>nom</sub> [A] - Voltage [V]	Heating battery	Power [kW]	L <sub>PA</sub> a 3m** [dB(A)]
XLD-B10SSM	4,0	2240	2,0 - 230	-	-	54,8
XLD-B15SSM	4,0	3360	3,0 - 230	-	-	58,9
XLD-B20SSM	4,0	4480	4,0 - 230	-	-	60,5
XLD-B10ESM	4,0	2220	15,0 - 400	ELECTRIC	9	54,8
XLD-B15ESM	4,0	3330	22,5 - 400	ELECTRIC	13,5	58,9
XLD-B20ESM	4,0	4440	30,0 - 400	ELECTRIC	18	60,5
XLD-B10VSM	4,0	2180	2,0 - 230	WATER	18,5 / 15,1*	53,6
XLD-B15VSM	4,0	3270	3,0 - 230	WATER	29,4 / 24,1*	57,4
XLD-B20VSM	4,0	4360	4,0 - 230	WATER	40,7 / 33,4*	58,6
XLD-C10SSM	7,5	2860	3,0 - 230	-	-	55,6
XLD-C15SSM	7,5	3990	4,0 - 230	-	-	59,5
XLD-C20SSM	7,5	5040	5,0 - 230	-	-	60,9
XLD-C10ESM	7,5	2790	16,0 - 400	ELECTRIC	9	55,6
XLD-C15ESM	7,5	3890	23,5 - 400	ELECTRIC	13,5	59,5
XLD-C20ESM	7,5	4920	32,0 - 400	ELECTRIC	18	60,9
XLD-C10VSM	7,5	2680	3,0 - 230	WATER	20,7 / 16,9*	54,7
XLD-C15VSM	7,5	3740	4,0 - 230	WATER	31,7 / 26,0*	57,9
XLD-C20VSM	7,5	4720	5,0 - 230	WATER	42,6 / 35,0*	58,9

\* Values for 18 °C air-temperature and 90/70 °C / 80/60 °C water temperature gradient

\*\* The level of acoustic pressure is referred to the maximum air-flow

### How to order





### Overview

The XLE Series air-curtain barriers are designed to create an air-obstacle on industrial doors for works, warehouses, hangars, garages, different temperature rooms, etc. The XLE Series barriers could be hung over the door through supporting brackets. Alternatively they could be installed only on one side (7 metres maximum length) or on both sides to obtain a 14 metres coverage. In this case the barriers are on the floor and to the top fixed by appropriate brackets. These equipments are the most suitable for these applications thanks to their high performances and simple and strong structure.

### Technical data

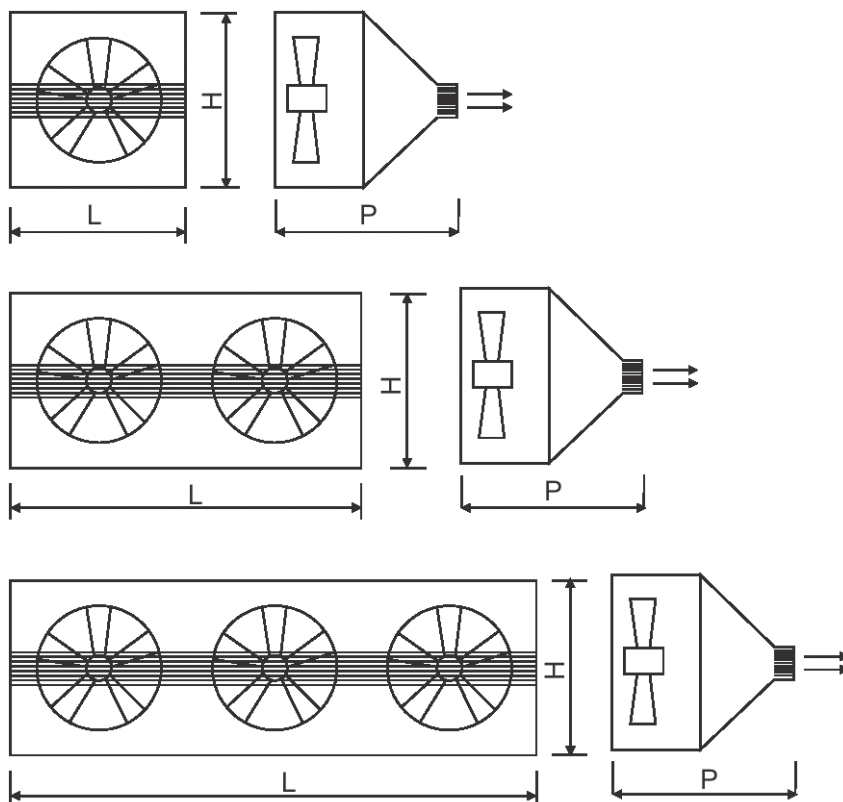
- Maximum installation height of 7 m
- 0.55, 1.5, 2.0 m available lengths
- White RAL 9002 colour painted with protective lining
- Service-free helical fans with closed rotor
- Available models with electric heating or water battery
- Already supplied brackets for vertical and/or horizontal side by side elements installations

### Optional

- Air-flow regulation with on-off 3 speeds walled remote control

### Dimensions

Model	L [mm]	H [mm]	P [mm]	Weight [kg]
XLE-055SO	550	550	540	25,0
XLE-150SO	1500	550	540	67,0
XLE-200SO	2000	550	540	90,0
XLE-055EO	550	550	540	29,5
XLE-150EO	1500	550	540	79,0
XLE-200EO	2000	550	540	106,0
XLE-055TO	550	550	540	37,0
XLE-150TO	1500	550	540	99,0
XLE-200TO	2000	550	540	133,0



### Quick selection

Model	Air-flow rate Q [m³/h]	Nr. of Fans per model	I <sub>nom</sub> [A] - Voltage [V]	Heating battery	Power [kW]	L <sub>PA</sub> a 3m** [dB(A)]
XLE-055SO	3500	1	0,48 - 400	-	-	70,5
XLE-150SO	6600	2	0,96 - 400	-	-	68,0
XLE-200SO	10200	3	1,44 - 400	-	-	67,0
XLE-055EO	3250	1	0,48 - 400	ELECTRIC	9	70,2
XLE-150EO	6350	2	0,96 - 400	ELECTRIC	12	68,0
XLE-200EO	10000	3	1,44 - 400	ELECTRIC	18	67,0
XLE-055TO	2650	1	0,48 - 400	WATER	13,1*	72,0
XLE-150TO	5250	2	0,96 - 400	WATER	23,8*	70,0
XLE-200TO	8100	3	1,44 - 400	WATER	35,9*	69,0

\* Values for 18 °C air-temperature and 90/70 °C water-temperature gradient

### How to order

Industrial air-curtain barrier  
Length (in cm)  
Without (SO) or with electric (EO) or water (VO) battery

XLE      ??      SO/EO/TO

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**Accessories**

XLE-DH01	Horizontal installation securing devices (one pair)	Ref. Page 24
XLE-DK01	Bottom or top securing devices for vertical installation (one pair)	

