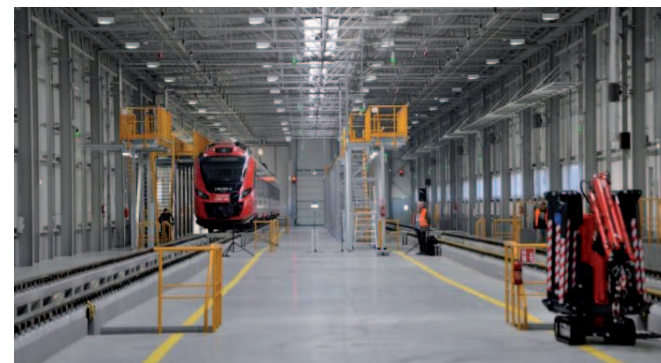




references
we deliver to 55 countries in the world



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SONNIGER
HEATING PARTNERS

AIR CURTAIN GUARD
no. 1 in Europe

INSPIRED BY AEROSPACE TECHNOLOGY



ADVANTAGES

- Modern design
- High performance parameters, air output 4800 m³/h, air throw up to 4 m
- PTC electric heaters technology
- Low noise level, reduced weight



Mobile selection program



SONNIGER Polska Sp. z o.o. Sp. k.
ul. Śląska 35/37 81-310 Gdynia
tel. 058 785 34 84 fax 058 785 34 81
Infolinia 0801 889 855 poland@sonniger.com
WWW.SONNIGER.COM



SONNIGER
HEATING PARTNERS

Warm air heaters and air curtains

No. 1 in Europe

European producer of modern, eco-friendly and optimally selected units for industrial heating market



new HEATER CONDENS

HEATER CONDENS

LEADER OF NEW TECHNOLOGIES
dedicated to low temp. water agent



NEW -MAX SERIES AVAILABLE

- High ΔT of the exhaust air
- Max use of the exchanger surface
- High efficiency on each speed

SONNIGER

HEATING PARTNERS

GUARD AIR CURTAINS



- Modern desing
- High-performance parameters
- PTC electric heaters technology

SONNIGER

HEATING PARTNERS

GUARD PRO INDUSTRIAL AIR CURTAINS



- Innovative Modular Connection System
- Vertical and horizontal assembly
- Air Throw up to 7,5m

		NEW! HEATER CONDENS series							
		CR ONE	CR1	CR2	CR3	CR2 MAX	CR3 MAX	CR4 MAX	MIX1/MIX2
TECHNICAL PARAMETERS									
suggested heat output range*	kW	5-25	10-35	15-50	20-70	25-70	35-95	40-120	-
heat output (70/50°C)/ΔT air temperature increase**	kW/°C	13 kW /25°C	16 kW /13°C	26 kW /22°C	35 kW /34°C	40 kW /22°C	53 kW /35°C	68 kW /44°C	-
no. of unit rows		2	1	2	3	2	3	3	-
air output - III speed	m³/h	1600	3900	3350	2950	5700	5600	5100	4800/7200
sound level at 5m distance - III speed	dB	52	62	60	60	59	58	58	54/49
diameter of connection nozzles	inches	1/2"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	-
power supply parameters V/Hz 230/50	W/A	124W/0,58A	250W/1,08A			520W/2,2A		250/520W	

* presented heat output for water agent temperature range 50/30°C - 120-90°C, air inlet temperature 0°C, III speed
** for air inlet temperature 0°C

TECHNICAL PARAMETERS	AIR CURTAIN WITH WATER HEATER			AIR CURTAIN WITH ELECTRIC HEATER			AIR CURTAIN WITHOUT HEATER			
	GUARD 100W	GUARD 150W	GUARD 200W	GUARD 100E	GUARD 150E	GUARD 200E	GUARD 100C	GUARD 150C	GUARD 200C	
unit length	m	1	1.5	2	1	1.5	2	1	1.5	2
max installation height	m	4	4	4	4	4	4	4	4	4
heat output range*	kW	10-16	20-29	25-40	4-7	6,5-11	8,5-14	-	-	-
air output - III speed	m³/h	2 000	3 600	4 800	2 000	3 600	4 800	2 100	3 700	5 000
diameter of connection nozzles	inches	1/2"	1/2"	1/2"	-	-	-	-	-	-
power supply parameters	V/Hz A	230/50 1,4	230/50 1,8	230/50 2,4	230/50 1,4	230/50 1,8	230/50 2,4	230/50 1,4	230/50 1,8	230/50 2,4

* maximum heat output indicated for 90/70°C water agent temperature and air inlet temperature 0°C.

TECHNICAL PARAMETERS	AIR CURTAIN WITH WATER HEATER		AIR CURTAIN WITH ELECTRIC HEATER		AIR CURTAIN WITHOUT HEATER		
	GUARD PRO 150W	GUARD PRO 200W	GUARD PRO 150E	GUARD PRO 200E	GUARD PRO 150C	GUARD PRO 200C	
unit length	m	1.5	2	1.5	2	1.5	2
max installation height	m	7.5	7.5	7.5	7.5	7.5	7.5
heat output range*	kW	33	47	14	18	-	-
maximum air output	m³/h	6 500	9 000	6 700	9 100	6 800	9 200
diameter of connection nozzles	inches	3/4"	3/4"	-	-	-	-
power supply parameters	V/Hz A	230/50 2,4	230/50 3,6	230/50 2,4	230/50 3,6	230/50 2,4	230/50 3,6

* maximum heat output indicated for 90/70°C water agent temperature and air inlet temperature 0°C.

ACCESSORIES

Panel COMFORT

- Manual temperature regulation
- Speed regulation
- Ventilation in summer season

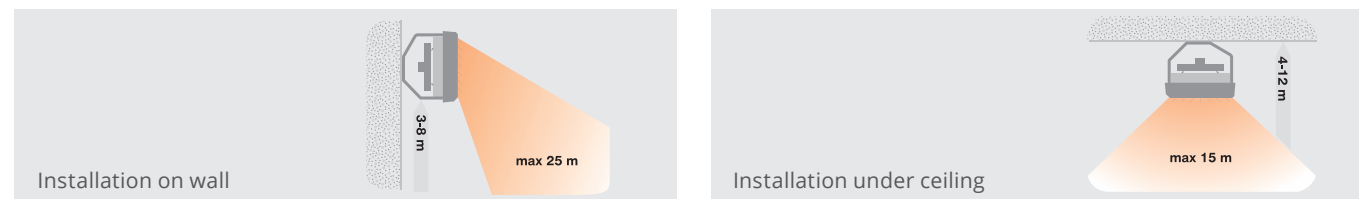
Panel INTELLIGENT

- Weekly thermostat
- Automatic change of fan speed depending on the room temperature
- BMS communication

Splitter MULTI 6

- Control up to 6 pcs of HEATER

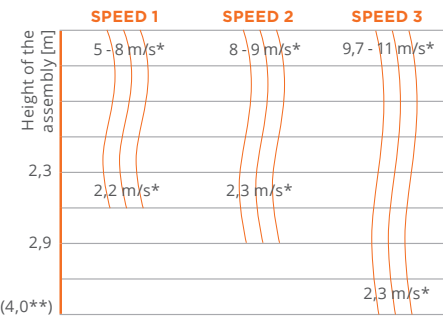
INSTALLATION TYPES



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HORIZONTAL AIR FLOW RANGE

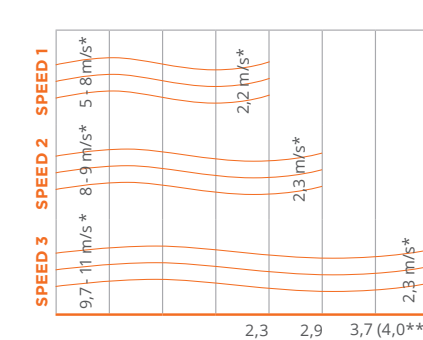
(max range for horizontal installation)



* air flow speed ** ambient air curtain

VERTICAL AIR FLOW RANGE

(max range for vertical installation)



ACCESSORIES

Panel COMFORT

- Manual temperature regulation
- Fan speed change
- Control up to 2 pcs of GUARD

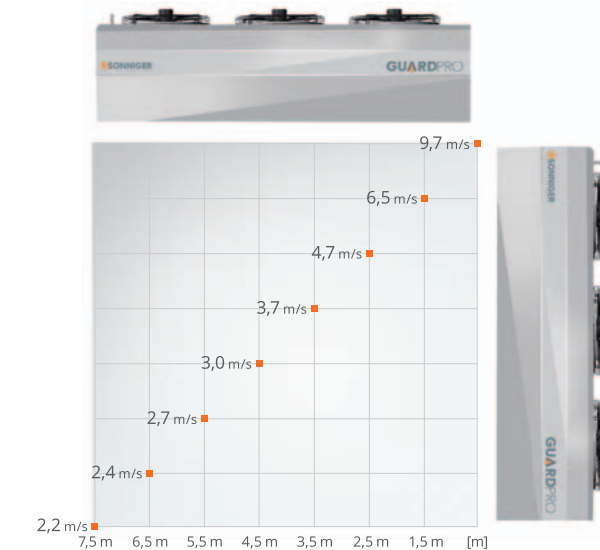
MAGNETIC doorswitch

- Allows to activate/deactivate air curtain depending on opening of entrance doors

BMS

- Delivery of basic signals to Building Management System

SPEED OF AIR FLOW



ACCESSORIES

Doorstop

- Starts operation of curtain when door opens

SPEEDER

- Air exhaust regulation

CONTROLBOX

- Complete electrical connection box

BMS

- Delivery of basic signals to Building Management System

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