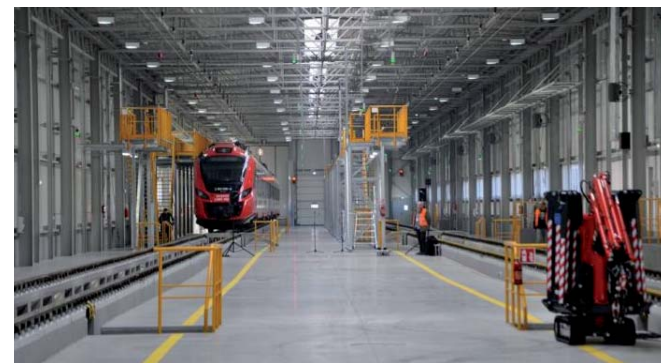


references
we deliver to 55 countries in the world



MORE ON SONNIGER.COM

SONNIGER
HEATING PARTNERS

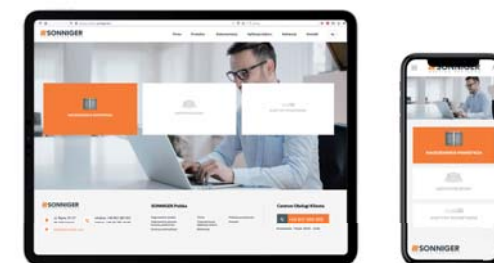
AIR CURTAIN GUARD
no. 1 in Europe

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 S.A.
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 design
- 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

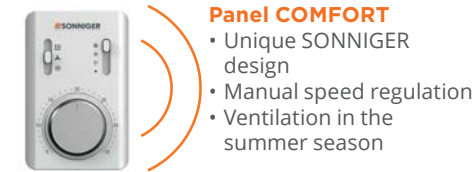
		AIR CURTAIN WITH WATER HEATER			AIR CURTAIN WITH ELECTRIC HEATER			AIR CURTAIN WITHOUT HEATER		
		GUARD 100W	GUARD 150W	GUARD 200W	GUARD 100E	GUARD 150E	GUARD 200E	GUARD 100C	GUARD 150C	GUARD 200C
TECHNICAL PARAMETERS										
unit length	m	1	1.5	2	1	1.5	2	1	1.5	2
max installation height	m	4	4	4	4	4	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.

		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
TECHNICAL PARAMETERS							
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**
- Unique SONNIGER design
 - Manual speed regulation
 - Ventilation in the summer season

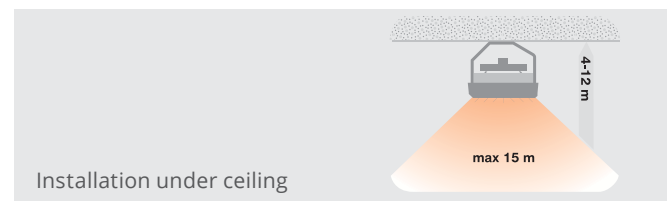
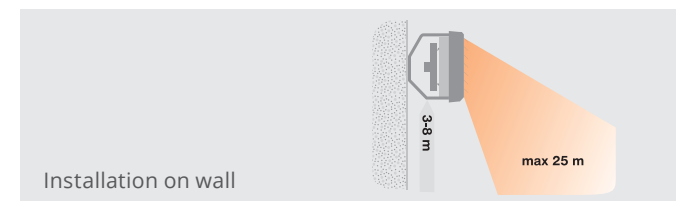


- Panel INTELLIGENT Wi-Fi**
- Control units from mobile device
 - Automatic change of fan speed
 - Compatible with BMS-MODBUS



Remote control

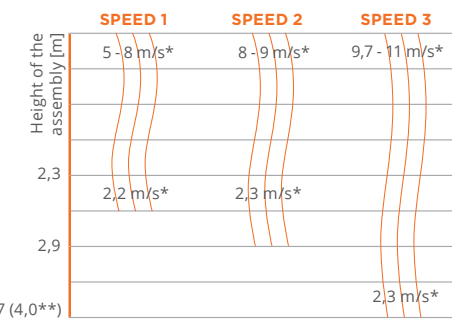
INSTALLATION TYPES



MORE ON SONNIGER.COM

HORIZONTAL AIR FLOW RANGE

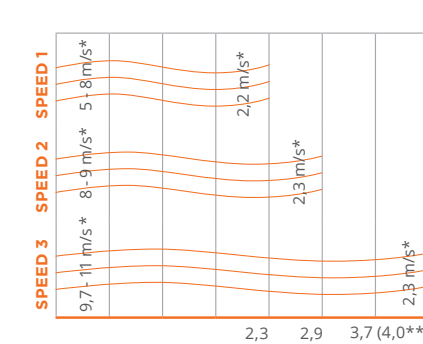
(max range for horizontal installation)



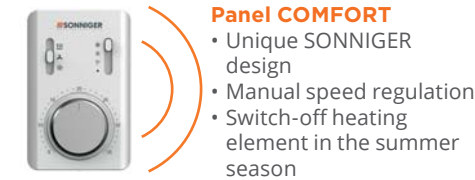
* air flow speed ** ambient air curtain

VERTICAL AIR FLOW RANGE

(max range for vertical installation)



ACCESSORIES



- Panel COMFORT**
- Unique SONNIGER design
 - Manual speed regulation
 - Switch-off heating element in the summer season



- Panel INTELLIGENT Wi-Fi**
- Control units from mobile device
 - Switch-off heating element in the summer season
 - Compatible with BMS-MODBUS



Remote control

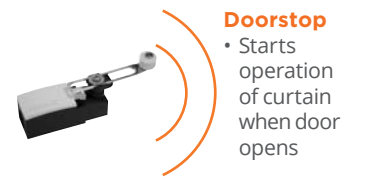
SPEED OF AIR FLOW



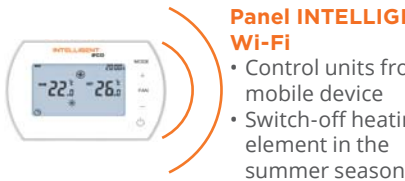
ACCESSORIES



- Panel COMFORT**
- Unique SONNIGER design
 - Manual speed regulation



- Doorstop**
- Starts operation of curtain when door opens



- Panel INTELLIGENT Wi-Fi**
- Control units from mobile device
 - Switch-off heating element in the summer season
 - Compatible with BMS-MODBUS



- Splitter MULTI 6**
- Control up to 6 pcs of GUARD PRO

MORE ON SONNIGER.COM