



**references**  
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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 m<sup>3</sup>/h, air throw up to 4 m
- PTC electric heaters technology
- Low noise level, reduced weight



**Mobile selection program**



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**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**  
New HEATER CONDENS  
dedicated to low temp. water agent

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



**GUARD**  
AIR CURTAINS

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



**GUARD PRO**  
INDUSTRIAL AIR CURTAINS

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

TECHNICAL PARAMETERS	NEW! HEATER CONDENS series							
	CR ONE	CR1	CR2	CR3	CR3 MAX	CR4 MAX	MIX 1	
heat output range*	kW	7-20	9-30	13-50	20-70	33-90	45-120	-
heat output (70/50°C)/ΔT air temperature increase**	kW/°C	13/25	16/14	26/22	35/34	53/28	72/42	-
no. of unit rows		2	1	2	3	3	4	-
air output - III speed	m³/h	1600	3900	3350	2950	5250	4650	4800
sound level at 5m distance - III speed	dB	52	62	60	58	65	65	54
diameter of connection nozzles	inches	1/2"	3/4"	3/4"	3/4"	1"	1"	-
power supply parameters V/Hz 230/50	W/A	124/0,58	240/1,08		520/2,2		240/1,08	

\*maximum heat output indicated for 120/90°C water agent temperature and air inlet temperature 0°C, III speed/minimum heat output indicated for 50/30°C and air inlet temperature 0°C, III speed  
\*\*for air inlet temperature 0°C

**ACCESSORIES**

**Panel COMFORT**

- Manual temperature regulation
- Speed regulation
- Ventilation in summer season
- Control up to 3 pcs of HEATER

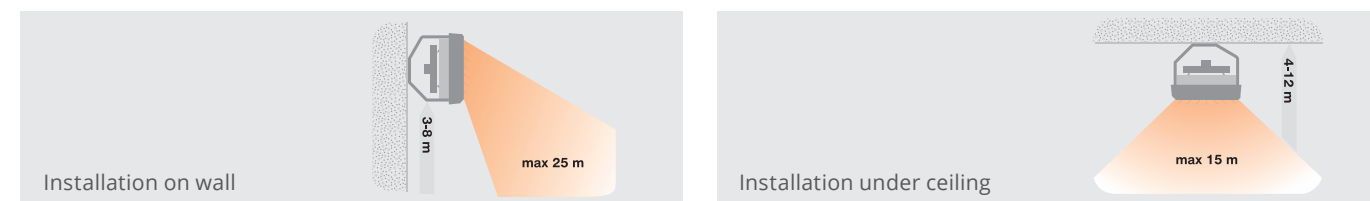
**Panel INTELLIGENT**

- 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**

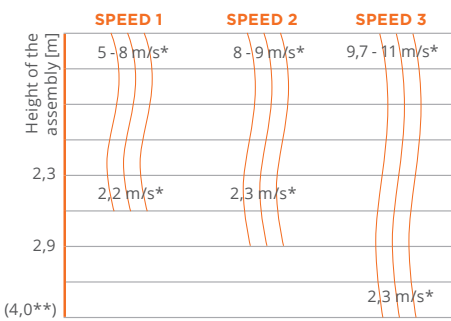


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TECHNICAL PARAMETERS	AIR CURTAIN WITH WATER HEATER			AIR CURTAIN WITH ELECTRIC HEATER			AIR CURTAIN WITHOUT HEATER			
	GUARD 100W	GUARD 150W	GUARD 200W	GUARD 100E	GUARD 150E	GUARD 200E	GUARD 100C	GUARD 150C	GUARD 200C	
unit length	m	1	1.5	2	1	1.5	2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

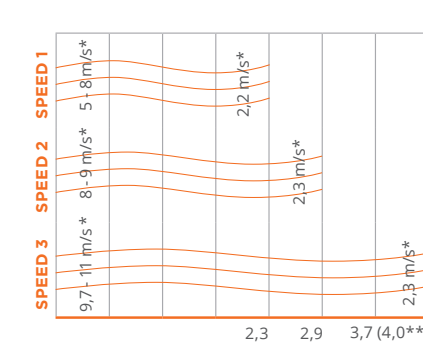
\*maximum heat output indicated for 90/70°C water agent temperature and air inlet temperature 0°C.

**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

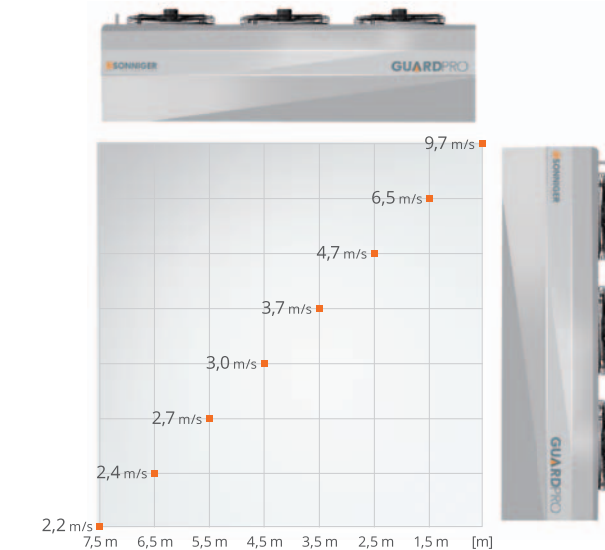
**BMS**

- Delivery of basic signals to Building Management System

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	2
max installation height	m	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
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

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

**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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