



RANGE OF PRODUCTS AND SOLUTIONS FOR INDUSTRY AND FOR END USER



2020



SV

ENVIRONMENT TEMPERATURE AIR BARRIER



- » 12 models
- » Suitable to reduce the inlet of cold air from the outside
- » Air flowrate from 6000 up to 21000 m³/h
- » Modular design
- » High reliability even with extreme environmental conditions
- » Energy saving up to 30%

TECHNICAL FEATURES

SV air curtains allow to create barriers between two spaces, external and internal of the environment, which have different air temperatures.

SV air curtains limit the access of cold air from the outside into the room, as well as the consequent temperature drops, and they allow to realize an energy saving of 30%.

A further advantage is the destratifying effect of the ambient air that is moved from the top of the shed and conveyed downwards.

The strong structure of SV air curtains consists of: galvanized and epoxy powder painted panels, fans with relative electrical wiring and protection grid.

SV air barriers equipped with:

- > Device allowing the possibility to create a barrier between two spaces with two different air temperatures
- > Durable structure made of galvanized steel, powder painted
- > Possibility to compose many groups
- Optional: 5-steps speed regulator *

TECHNICAL DATA

Model		SV 14	SV 19	SV 21	SV 26	SV 28	SV 32	SV 35	SV 39	SV 42	SV 45	SV 49	SV 52
Quantity	n°	2	3	3	4	4	5	5	6	6	7	7	7
Weight	kg	36	51	54	68	72	85	90	102	108	119	126	133
Modules width	m	0,7	0,65	0,7	0,65	0,7	0,65	0,7	0,65	0,7	0,65	0,7	0,75
Modules length	m	1,4	1,95	2,1	2,6	2,8	3,25	3,5	3,9	4,2	4,55	4,9	5,25
Absorbed current	A	2,5	3,8	3,8	5	5	6,2	6,2	7,5	7,5	8,8	8,8	8,8
Electrical power	kW	0,5	0,75	0,75	1	1	1,25	1,25	1,5	1,5	1,75	1,75	1,75
Power supply	V/Hz	230V / 50Hz											
Air flow	m ³ /h	6000	9000	9000	12000	12000	15000	15000	18000	18000	21000	21000	21000
Max installation height	m	2,5 - 3	2,5 - 3,5	2,5 - 3,5	3 - 4,5	3 - 4,5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5

Accessories



CODE	DESCRIPTION
04CERE2508	5-steps speed regulator 3 A with transformer. (*)
04CERE2509	5-steps speed regulator 5 A with transformer. (*)
04CERE2510	5-steps speed regulator 7 A with transformer. (*)
04CERE2511	5-steps speed regulator 10 A with transformer. (*)
04CERE2512	5-steps speed regulator 14 A with transformer. (*)

ATTENTION

For the applications, feasibility studies and quotation of air curtains with proper accessories, please consult the Technical Department of Systema S.p.A.

(*) The choice of the speed regulator must be made in accordance with the electrical absorption of the air curtain installed. Please take into consideration the absorption of the speed regulator (Ampere "A"): it has to be equal or higher than the electrical absorption of the air curtain chosen.

SYSTEMA S.p.A. THE COMPANY

 Headquarter and productions plant in Padua



Established in 1986, SYSTEMA S.p.A. is one of the leaders on the conception and production of industrial and tertiary heating and cooling systems. Systema is ISO 9001 certified and is constantly looking at technology and evolution, this is the reason why it cooperates with Universities and other important institutions to improve the quality, the reliability and the safety of its products.

SYSTEMA S.p.A. is taking care of technical certifications, R&D, training centre for designer as well as for Italian and foreign assistance centres.

 Production plant in Poland



The company has 2 production sites, one in Padua (Italy) covering a surface area of 23,000 m² with the plant 5,000 m².

Another 4,000 m² production plant is active in Poland, with an independent R&D laboratory for heating products, strategic to facilitate sales also in East European countries.

The activity is structured with three divisions, each dealing with a specific sector:

- ❖ **RADIANT DIVISION**, products for industrial and tertiary heating with radiant technology
- ❖ **AIR DIVISION**, products for hot air heating
- ❖ **COOLING DIVISION**, air conditioning products, with the new technology of absorption groups.

Regarding the **TYPES OF ENERGY USED**:

- For the heating we can use any kind of gas, fuel oil or hot water.
- For the cooling production we use the absorption technique, with very low electrical consumptions, by exploiting energy sources such as gases, hot water (even from solar applications) steam and fumes.

SYSTEMA S.p.A. is structured with a sale network of 32 agencies in Italy and 18 foreign dealers, appropriately trained for the technical service in full autonomy. The organization within the company is structured with the Financial Area, the Technical Division, the Commercial Department, the Production and the Consulting Services which take care of the customer during the study of the solution as well as assistance on site for the commissioning and maintenance actions.

The company philosophy is always focused to the research of new technologies which can exploit the Green Energies, in particular the Renewables Energies, for the comfort of its customers as well as the benefit of the environment for the future generations!

SYSTEMA S.p.A. wants to continue to be a partner of its customers!



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