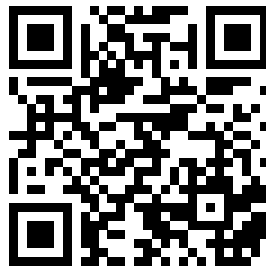


# SYSTEMA

HEATING COOLING GREEN ENERGY

SV

*Air Curtains ventilation of small, medium and large areas  
from 6,000 to 23,000 m<sup>3</sup>/h*



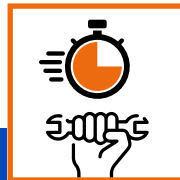
**FAST AND EASY  
INSTALLATION**



**HIGH EFFICIENCY UP  
TO 23,000 m<sup>3</sup>/h**



**HIGH  
RELIABILITY**



**LOW  
MAINTENANCE**



**INCREASES  
THERMAL COMFORT**



**ENERGY  
SAVING**

## GENERAL FEATURES



*SV air curtains are the ideal complement for an installation in an industrial or large surface area.*

*They allow interesting energy savings thanks to their function of creating a real natural barrier that obstructs the natural movement of air between a colder and a warmer environment.*

Placed over the entrance and exit openings of an industrial or agricultural shed, of a large commercial surface, of any opening with ample light, thanks to the air flow of great capacity and prevalence generated by the fans installed inside the air curtain, it limits the passage of air from one environment to another, guaranteeing energy savings that can reach a 30% reduction in consumption, an advantage that can be seen in the case of both heating and cooling of indoor environments.

**SV** air curtains are designed to guarantee maximum simplicity of installation, the best performance, and a long life span; made with specially designed powder-coated galvanised panels to facilitate the movement of large volumes of air with the best possible level of silence, they are complete with axial fans and the necessary electrical wiring, all within special protective grilles that guarantee the best possible level of safety.

The **SV** air curtains with air flow rates from 6,000 to 23,000 m<sup>3</sup>/h, the possibility of adjusting the air flow by choosing from 5 fan speed steps, and modularity in the composition, guarantee their use even in the most onerous and extreme conditions, allowing for cost-effective management as well as a marked improvement in the healthiness of the served environments, limiting to a minimum the entry of dust and other airborne substances from outside into the environments in which they are installed.

### ADVANTAGES

- Limit air access from the outside to the inside of the room, increasing comfort
- Energy savings of up to 30%
- Air flow range from 6,000 to 23,000 m<sup>3</sup>/h
- High reliability in extreme environmental conditions
- Modular design
- Simplicity of installation and maintenance
- Healthiness of served environments

### FIELDS OF APPLICATION

- Industrial and Agricultural Sheds
- Logistics Centres and Warehouses
- Livestock and Animal Husbandry
- Supermarkets and Large Commercial Areas
- Airport and Maritime Hangars and Warehouses

#### Horizontal installation example



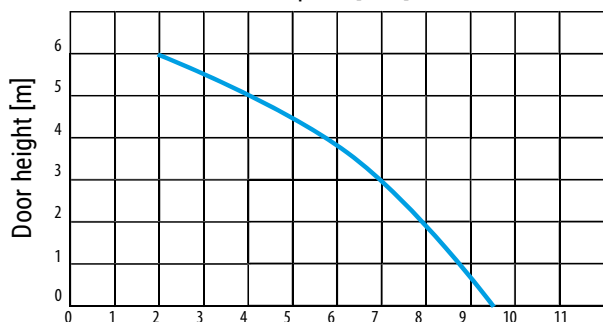
#### Vertical installation example



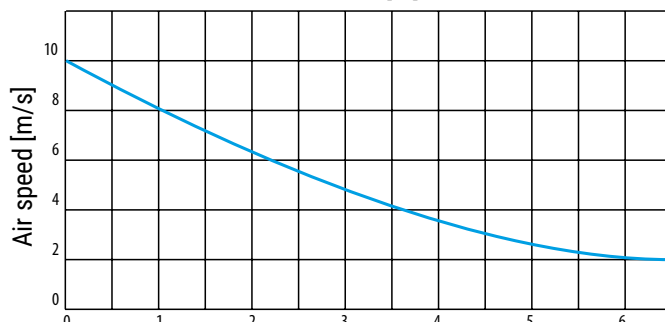
# RANGE

Model	Installation height	Air flow
SV 55	3 - 5,5 m	23.000 m <sup>3</sup> /h
SV 52	3 - 5 m	21.000 m <sup>3</sup> /h
SV 49	3 - 5 m	21.000 m <sup>3</sup> /h
SV 45	3 - 5 m	21.000 m <sup>3</sup> /h
SV 42	3 - 5 m	18.000 m <sup>3</sup> /h
SV 39	3 - 5 m	15.000 m <sup>3</sup> /h
SV 35	3 - 5 m	15.000 m <sup>3</sup> /h
SV 32	3 - 5 m	12.000 m <sup>3</sup> /h
SV 28	3 - 4,5 m	12.000 m <sup>3</sup> /h
SV 26	3 - 4,5 m	9.000 m <sup>3</sup> /h
SV 21	2,5 - 3,5 m	9.000 m <sup>3</sup> /h
SV 19	2,5 - 3,5 m	6.000 m <sup>3</sup> /h
SV 14	2,5 - 3 m	6.000 m <sup>3</sup> /h

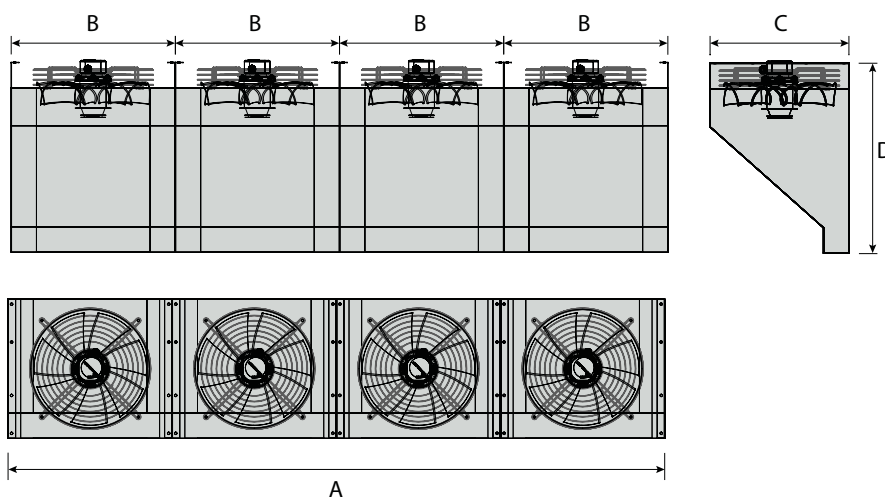
Air speed [m/s]



Door width [m]



Model	A	B	C	D
	mm	mm	mm	mm
SV 14	1.400	700	550	700
SV 19	1.950	650	550	700
SV 21	2.100	700	550	700
SV 26	2.650	650	550	700
SV 28	2.800	700	550	700
SV 32	3.250	650	550	700
SV 35	3.500	700	550	700
SV 39	3.900	650	550	700
SV 42	4.200	700	550	700
SV 45	4.500	650	550	700
SV49	4.900	700	550	700
SV 52	5.250	750	550	700
SV 55	5.600	700	550	700



**CAUTION:**

For the sizing of air curtains and accessories, please consult Systema S.p.A. Technical Department.

# ACCESSORIES



Code	Description
04CERE2508	Speed controller with 5-step transformer 3A (*)
04CERE2509	Speed controller with 5-step transformer 5A (*)
04CERE2510	Speed governor with 5-step transformer 7A (*)
04CERE2511	Speed regulator with 5-step transformer 10 A (*)
04CERE2512	Speed governor with 5-step transformer 14 A (*)



**CAUTION: (\*)** The choice of speed regulator must be made according to the electrical absorption of the air curtain to be installed. Assess the absorption of the speed regulator (in Ampere 'A') equal to or greater than the electrical absorption of the chosen air curtain.



Since 1986, Systema S.p.A. is one of the leader companies in Italy and Europe in designing, developing and producing devices for the heating and conditioning in industrial and commercial buildings.

There has been always in Systema's Research and Development department where high investments have been made, since the beginning, for the creation of an internal laboratory who could design and offer highly innovative products that can satisfy and anticipate all the requests coming from the market. In this field Systema works together with important Italian, European and extra-European laboratories and university departments. A cooperation which leads to the concept of innovative and visionary products and solutions and to the obtaining of several international patents.

Systema S.p.A. differs from competitors because can offer a complete range of products that goes from commercial and industrial heating with radiant and hot air solutions, to conditioning with absorption chillers, electric heat pumps and evaporative adiabatic coolers and with a specific focus on the agricultural and breeding farms products for heating (both heaters and radiant systems) and conditioning with adiabatic coolers. This range has been conceived looking for environmental-friendly products with the lowest energy consumption.

Managing such a large range of products is not easy but, also in this field, Systema S.p.A. has been always different with an internal and external organization that guarantees high quality services through an extensive commercial network made of highly qualified technical salesmen, an internal organization of customer service with experience in designing and consultancies well aware of all the required standards and rules and a massive after sales structure both internal and external that Systema keeps regularly update in order to have technicians who are always very well prepared.

The work of these structures is greatly facilitated by Systema S.p.A.'s production facilities, which are made up of the highest quality standards and production processes that are technologically advanced and constantly modernised. The united work of those responsible for production, procurement and quality allows Systema S.p.A. to make available to its commercial structure products and systems that are of high quality, reliable and made in full compliance with the most advanced standards.

Systema S.p.A. is able to supply its sales organisation with products and systems of high quality and reliability and manufactured in full compliance with the most advanced standards.

Systema S.p.A. has thus managed, over the years, to gain a strong international presence which sees it active in markets all over the world, carrying forward the flag of top quality Made in Italy and achieving leadership positions in many countries. A strategic decision was taken by Systema S.p.A. to create Systema Polska, which is able to provide a highly qualified, high quality production force and a commercial structure, in synergy with that of Systema S.p.A., which is able to present and improve the commercial penetration of Systema products in markets such as Poland and neighbouring countries.

The synergies put in place have greatly facilitated the growth of the services offered to the market, services made up of a very high level of attention to the customer, who in Systema finds not only a business partner but also a highly qualified technical consultancy service that goes hand in hand with reliable after-sales services that are always ready to quickly resolve any problems reported by the customers themselves.

*Systema: focus on the future  
by interpreting the present...*



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