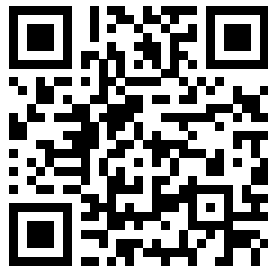


# SYSTEMA

HEATING COOLING GREEN ENERGY

**DS**

*Air Destratifier ventilation of small, medium and large areas from 4,400 to 15,000 m<sup>3</sup>/h*



**FAST AND EASY  
INSTALLATION**



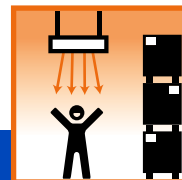
**HIGH EFFICIENCY UP  
TO 23,000 m<sup>3</sup>/h**



**HIGH  
RELIABILITY**



**LOW  
MAINTENANCE**



**INCREASES  
THERMAL COMFORT**



**ENERGY  
SAVING**

## GENERAL FEATURES



*DS destratifiers are used to minimise the problem of upward stratification in air heating systems in high spaces such as industrial/agricultural warehouses, commercial and service sector sites. Their use enables consumption savings of up to 30%.*

**DS** is realised with a robust, galvanised, powder-coated steel supporting structure, equipped with a high-capacity fan capable of guaranteeing more than efficient air recirculation, positioned behind a special finned grille that forces the outgoing air to assume a vortex motion that favours its downward descent, dragging with it significant volumes of air.

The destratifier is very easy to install, comes complete with electrical wiring and thermal overheating protection that automatically starts the fan by mixing the air and pushing it downwards so that it reciprocates the air around the unit, reducing its temperature. It is equipped with special hooks that allow it to be quickly connected to cables and/or support chains for horizontal positioning at a suitable distance from the ceiling.

## ADVANTAGES

- Reduction of hot air stratification in industrial environments
- Increased room comfort
- Maximum energy efficiency
- Energy savings of up to 30%
- Promotes odour evacuation and reduction of acid condensation in animal husbandry
- Reduction of condensation and its dripping by evenly distributing warm air in the greenhouse environment
- Reduction of heating costs and condensation formation in sports facilities
- Reduction of mould and moisture formation in churches and museums

## FIELDS OF APPLICATION

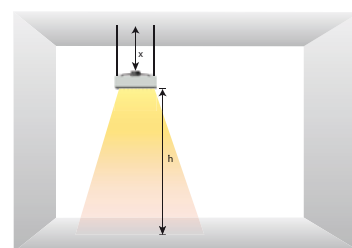
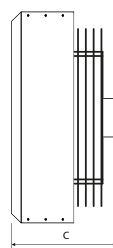
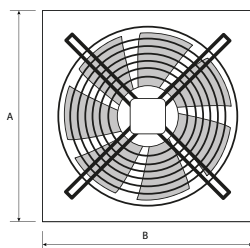
- Industrial halls
- Logistics and service centres
- Commercial environments
- Agriculture greenhouse installations
- Livestock and animal husbandry
- Sports facilities and tensile structures
- Churches and museums



# RANGE

Model	Installation height	Air flow
DS 1900	11 - 18 m	15.000 m <sup>3</sup> /h
DS 1400	9 - 16 m	12.000 m <sup>3</sup> /h
DS 1100	8 - 14 m	11.000 m <sup>3</sup> /h
DS 800	8 - 14 m	8.260 m <sup>3</sup> /h
DS 600	7 - 11 m	6.000 m <sup>3</sup> /h
DS 500	6 - 9 m	5.500 m <sup>3</sup> /h
DS 400	5 - 8 m	4.400 m <sup>3</sup> /h

Model	Dimensions (A x B x C)
DS 400	600 x 600 x 320 mm
DS 500	600 x 600 x 320 mm
DS 600	600 x 650 x 320 mm
DS 800	600 x 650 x 320 mm
DS 1100	600 x 1190 x 320 mm
DS 1400	1000 x 1100 x 420 mm
DS 1900	1000 x 1000 x 420 mm



# ACCESSORIES



Code	Description
04CERE2513	Speed controller with 5-step transformer 1.2A
04CERE2508	Speed regulator with 5-step transformer 3A
04CERE2509	Speed controller with 5-step transformer 5A
04CERE2510	Speed controller with 5-step transformer 7A
04CERE2511	Speed controller with 5-step transformer 10 A
04CERE2512	Speed controller with 5-step transformer 14 A

Code	Description
04CETE8002	10A differential thermostat for destratifiers in IP56 PVC box complete with two air probes for ceiling and floor
04CETE8003	20A differential thermostat for destratifiers in IP56 PVC box complete with two air probes for ceiling and floor
04CNC08004	Conveyor for destratifiers







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...*



SYSTEMA S.p.A. Via San Martino, 17/23 - Santa Giustina in Colle C.A.P. 35010 PADOVA - ITALY  
Tel. +39.049.9355663 r.a. - [export@systema.it](mailto:export@systema.it)

[www.systema.it](http://www.systema.it)