



# SPACE-RAY®

## Space-Ray SD Destratification Fans & SR Ceiling Fan

EcoDesign compliant



[www.spaceray.co.uk](http://www.spaceray.co.uk)

- Reduces temperature gradient
- Less transmission losses
- Energy saving (10 to 30%!)
  - Easy suspension
  - Extra recirculation
- Shorter heat up time
  - More even distribution of heat
  - Increased comfort
- Extra ventilation during summer
  - Temperature gradient decreases

The SD range consists of 4 types with air outputs from 3,200 m<sup>3</sup> to 10,000 m<sup>3</sup>. They are provided with a thermostat which switches the fan on when the temperature under the roof gets too high. Even when the heater is not in operation, the SD will see to it that warm air is distributed instead of accumulating under the roof. The louvres of the grill are adjustable, enabling you to direct the air flow. Suspension of the SD is easy by a set of chains fixed through 4 eye bolts.

### SR Ceiling Fan

The SR is a 3-bladed ceiling fan for industrial purposes. The fan allows an even heating of the room because it improves the air circulation. Good circulation is of great importance.

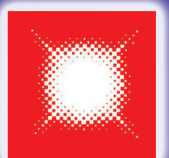
Nowadays (industrial) rooms are often very well insulated and less heating capacity is necessary to reach the desired temperature. However, in these circumstances it is very important that the heated air is thoroughly recirculated by

additional destratification fans. At the same time energy is saved because redundant warm air underneath the roof is returned to working level (= reduction of the temperature gradient). Pay back on a destratification fan is short due to the energy saving realised.

With a 5-step switch the user can set the speed of the fan motor. This also has the benefit of reducing noise level if required.



**SPACE-RAY® Heating Systems**





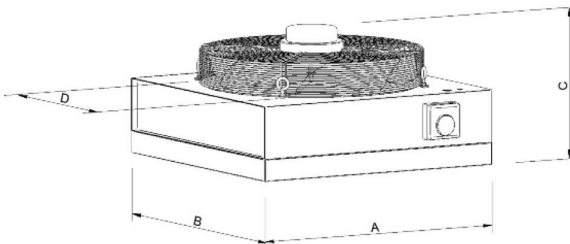
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## SPECIFICATION GUIDE - SD DESTRATIFICATION FANS

Model No.	SD3	SD5	SD7	SD10
Article no.	GW401400	GW601400	GW801400	GW101400
Air output (m <sup>3</sup> /h)	3.200	5.600	7.000	10.000
Diameter fan (cm)	350	450	500	650
Distance fan to ceiling (cm)	35	45	50	65
Throw (m)	5-8	7-10	8-12	12-15
Power consumption (W)	170	365	540	730
Absorbed current (A)	0.95	1.9	2.4	3.2
Electrical supply (V)	230	230	230	230
Revolutions per minute (rpm)	1300	1280	1300	1000
Sound level (@6m) (dBA)	46	51	56	60
Sound level (@8m) (dBA)	44	49	54	57
Weight (kg)	11	18	18	43

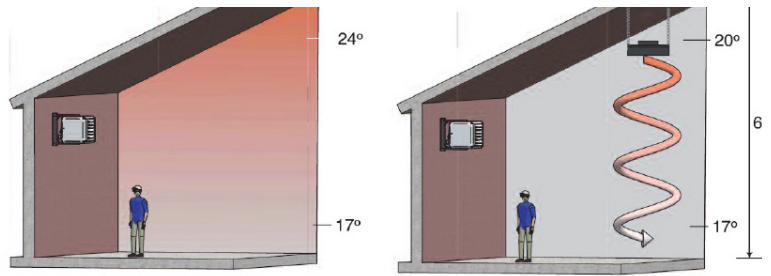
Room volume (m <sup>3</sup> )	<1.000	2.000	3.000	5.000	7.000	9.000	12.000
Minimal desired recirculation multiple*	6	5	4	3	2.5	2	2

(in order to determine the number of necessary destratification fans, add the air output of the heater to that of the detractification fan(s))  
 \*(Source: ISSO publication 57)



Measurements SD (in mm)

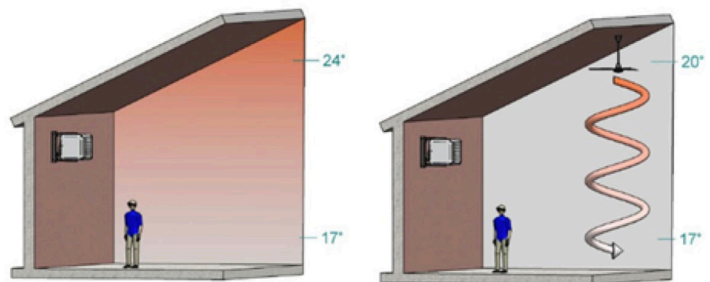
Type	A	B	C	D
3	470	470	260	300
5	600	600	320	375
7	600	600	320	400
10	800	800	440	740



5-step switch

## SPECIFICATION GUIDE - SR CEILING FAN

Air output (m <sup>3</sup> /h)	max. 13.680
Throw (m)	min. 3m to max. 7m
Power consumption (W)	68
Absorbed current (A)	0.3



# SPACE-RAY®

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We reserve the right to alter specifications without prior notice.

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