

Cartivel

Cart DSF

Destratification Fans



www.cartivelhvc.co.uk
info@cartivelhvc.co.uk
01522 262 320

Sales Brochure

Destratification Fans

Destratification fans are an essential part of any warm air heating system.

In typical buildings, temperature can rise by 0.5°C to 1°C per metre. Left unchecked, this will lead to huge amounts of wasted heat collecting at high level in the building.

In industrial, manufacturing, warehousing, commercial, and leisure buildings, destrat fans prevent temperature gradients from occurring, and provide even heat distribution.

Installing Cartivel DSF destratification fans as part of a new or existing warm air heating system can reduce the fuel consumption of the system between by 10% and 35% or more.

This is achieved by:

- Reducing or eliminating temperature stratification in the building.
- Providing correct heat distribution around the building.
- Reducing the operating time of the heating plant.

Other benefits of installing Cartivel DSF destratification fans include:

- Improved comfort conditions for the workforce.
- Reduced preheat period.
- Making use of the heat gain from plant, machinery, processes, and lighting.



Cartivel DSF destratification fans consist of a quiet, yet powerful, axial fan mounted on a slim box frame. Air is discharged through a 4 way adjustable louvre in the base of the frame.

Control is via a built in thermostat.

The fans should be mounted at high level in the building using chain, cable, or threaded rod.

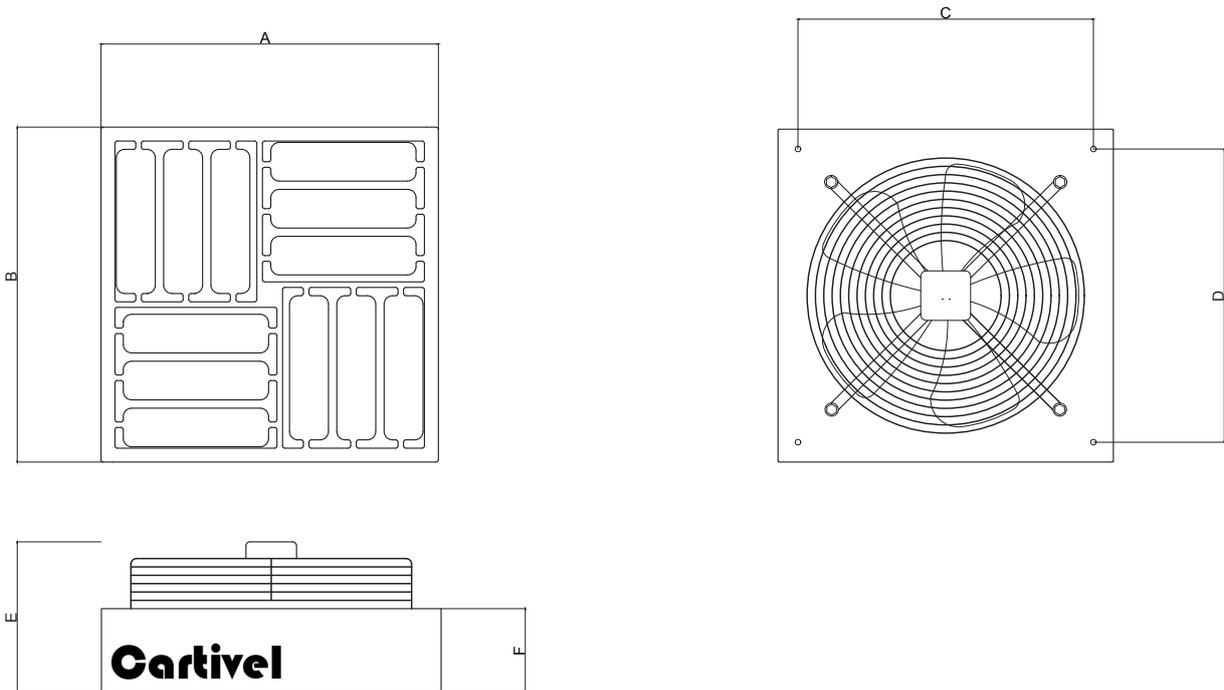
Cartivel DSF destratification fans are supplied fully pre-wired. Connection is via a plug-in flying lead to a fused isolator.



Technical Data

Model	DSF20	DSF40	DSF60	DSF80	DSF100	DSF120
Airflow (m ³ /h)	2450	3955	6800	8510	9700	11435
Rec. Mounting Height Max (m)	9	10	12	14	18	20
Rec. Mounting Height Min (m)	4	6	7	8	9	10
Electrical Supply (V)	230	230	230	230	230	230
Start Current (A)	1.9	2.4	4.8	6.8	6.6	10.6
Run Current (A)	0.65	0.82	1.7	2.4	2.35	3.75
Weight (kg)	12	13	16	21	25	25
NNoise Level (dBA)	49	50	50	53	55	58

Dimensions



Model	A	B	C	D	E	F
Cart DSF20	606	606	532	532	260	155
Cart DSF40	606	606	532	532	260	155
Cart DSF60	606	606	532	532	260	155
Cart DSF80	744	744	652	652	300	175
Cart DSF100	744	744	652	652	300	175
Cart DSF120	744	744	652	652	300	175

Products In The Cartivel Range

Gas Fired Unit Heaters - Cabinet Heaters
Destratification Fans - Electric Unit Heaters
Oil Fired Unit Heaters - Industrial Air Curtains
Commercial Air Curtains - LPHW Unit Heaters
Gas Fired Radiant Tubes Electric Radiant - Air Rotation
Heat Exchanger Modules - HVLS Fans - Direct Fired Heaters
Gas Fired Air Handling Units



Get In Touch

Cartivel HVC Ltd

10 Farrier Road
Lincoln
LN6 3RU

www.cartivelhvc.co.uk
info@cartivelhvc.co.uk
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