

# Destratificator LEO D



## Indexes LEO D

Name	D 2	DT 2
Index	10062	10063

## Destratificator LEO D

Air flow [m <sup>3</sup> /h]	3100–5400
Weight [kg]	13,9
Colour	grey
Casing	EPP (expanded polypropylene)

## Application:

High industrial and public buildings, like industrial halls, warehouses, supermarkets, exhibition halls.

## Available types of units:

### LEO D 2

Destratificator without additional regulation systems with possibility of 3-step air flow regulation.

### LEO DT 2

Destratificator with thermostat, which turns on the unit automatically, when ambient temperature rises above set temperature.

## Additional description:

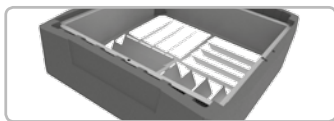
The main function of destratificator is to prevent accumulation of warm air in upper zones of the room. The fan intakes warm air and forces its flow to the zone occupied by the people. This solution reduces heat losses through the ceiling and results in faster heating of the building.

## Special attributes



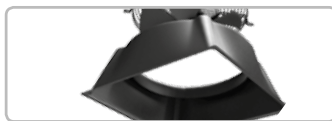
### FAN

LEO D are equipped with 3-step fan. It is the simplest and an effective way to control operation of the destratificator.



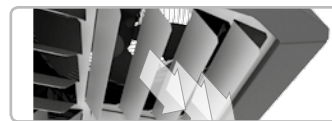
### EPP CASING

Mechanical strength, resistance to dirt, low weight and aesthetic look – everything thanks to EPP material (expanded polypropylene).



### AIR NOZZLE

Fan is placed in specially designed nozzle. Its profile reduces air flow noise and increases unit's efficiency.

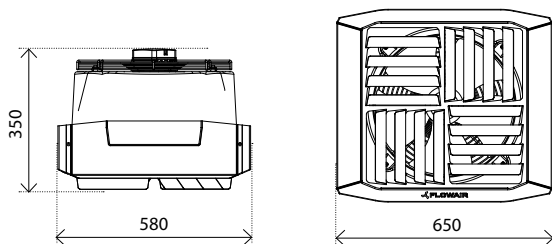


### AIR BLADES

Air outlet is equipped with air deflectors for easy air stream direction and split of the air flow.

## Dimensions

### LEO D

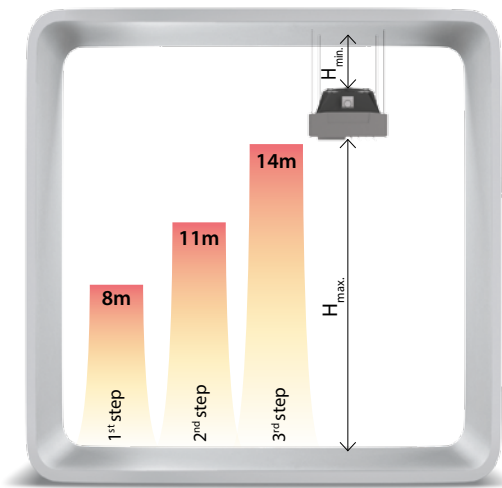


## Technical data

	LEO D 2   DT 2
Max. air flow [m <sup>3</sup> /h]	5400
Power supply [V/Hz]	230/50
Max. current consumption [A]	1,4
Max. power consumption [W]	320
IP	54
Max. acoustic pressure level <sup>(1)</sup> [dB(A)]	55
Max. operating temperature [°C]	60
Weight of unit [kg]	13,9

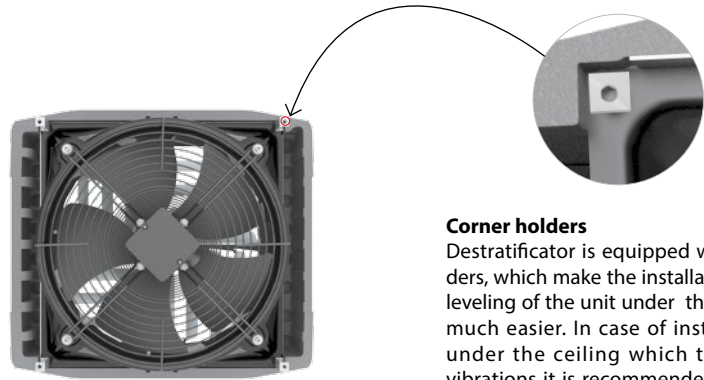
<sup>(1)</sup> Acoustic pressure level at the distance of 5 m from the unit, in the room of medium capability of sound absorption and 1500 m<sup>3</sup> of cubature

## Installation



$H_{max}$  – maximum mounting height for air blades installed vertically

$H_{min}$  – 1/3 height of hall, minimum 1 m



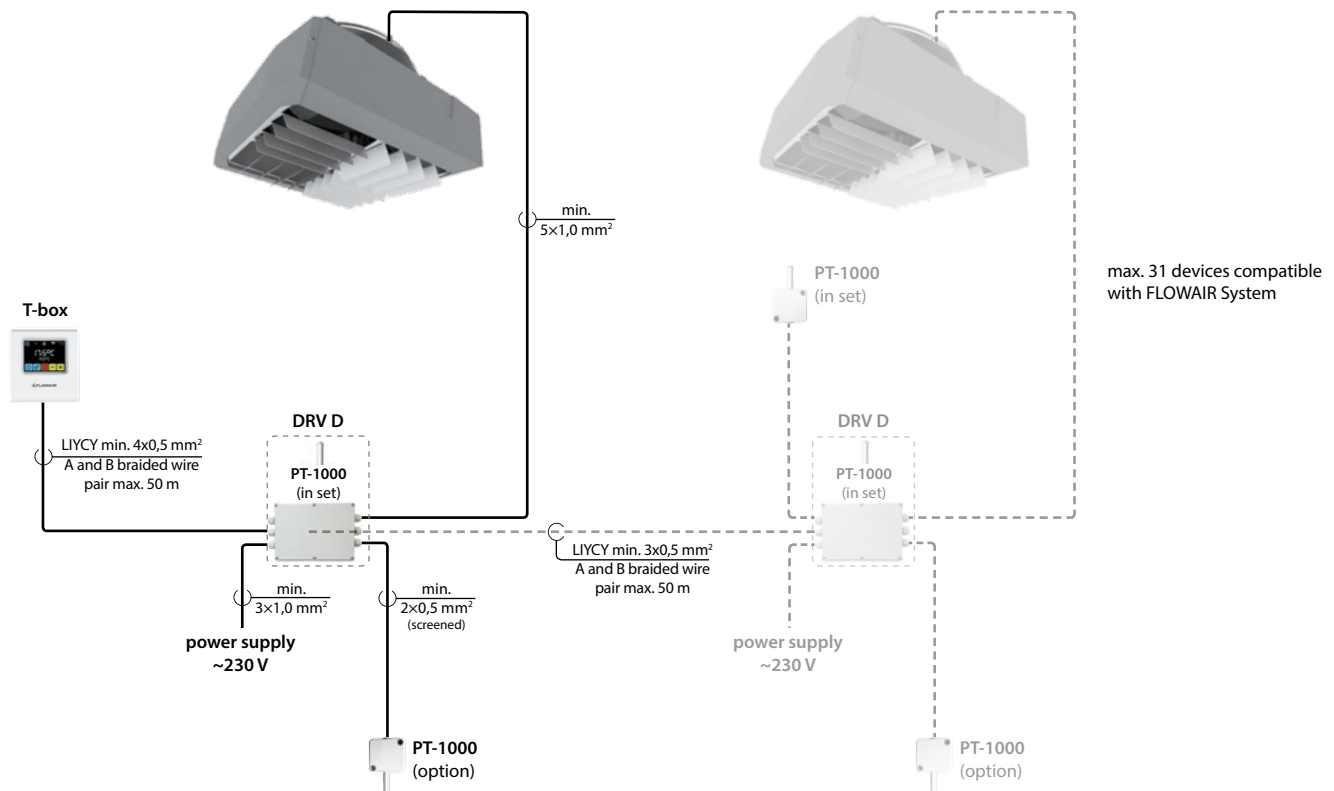
### Corner holders

Destratificator is equipped with holders, which make the installation and leveling of the unit under the ceiling much easier. In case of installation under the ceiling which transmit vibrations it is recommended to use vibro-isolators.

## Control systems

### LEO D 2 destratificator

#### T-box regulation



### LEO DT 2 destratificator

#### ON/OFF regulation



#### Indexes LEO D 2 control systems

Name	T-box	DRV D	PT-1000
Index	10799	11784	10546

Accurate diagrams of electrical connections are presented in documentation available on the website [www.flowair.com](http://www.flowair.com).