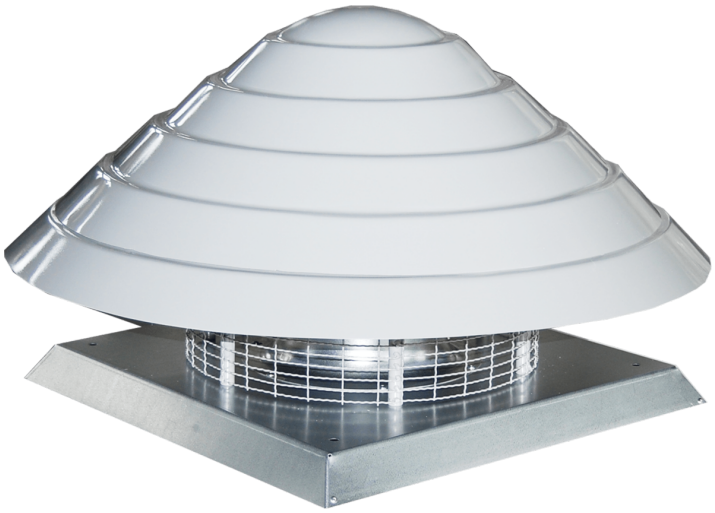


WDH Roof Fans

WDH fans comply with the EU energy efficiency requirements for fans and ventilation systems. These fans are characterised by high performance, optimum airflow rates and more options for adjusting airflow and operating noise levels according to current needs. WDH fans with horizontal discharge are designed for use in locations where continuous mechanical ventilation is required, e.g. production halls, warehouses, retail centres, shops, offices, etc. The extracted stale air may contain corrosive vapours, gases and particles within the limits set by environmental regulations.

DESCRIPTION

PRODUCT DESCRIPTION

WDH range of roof fans with horizontal discharge includes 7 sizes from 31 to 63; The fans are equipped with:

- high performance rotor made of high strength composite materials and fitted with an integrated induction electric motor;
- casing made of polyester-glass laminate;
- base frame made of galvanised steel sheet.

The fans are designed for installation on PU roof socket or PUT roof socket silencer.

OPERATING CONDITIONS

WDH fans are available with the following motors:

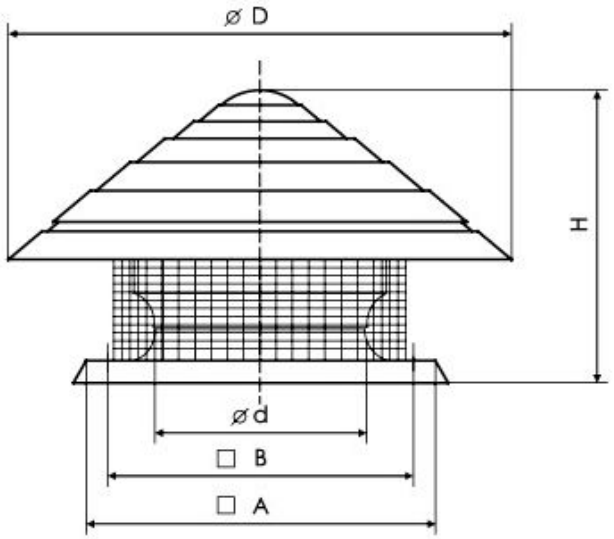
- (AC/4J) single-phase ~1400 rpm with five-step transformer speed controllers for sizes 31, 35, 40, 45 and 50;
- (AC/4T) three-phase ~1400 rpm with five-step transformer speed controllers for sizes 31, 35, 40, 45, 50, 56 and 63;
- (EC/J) single-phase electronically commutated for sizes 31, 35, 40, 45;
- (EC/T) three-phase electronically commutated for sizes 35, 40, 45, 50, 56 and 63.

With the consent of the manufacturer, WDH fans can be manufactured with a ~900rpm 6-pole induction motors and a five-step transformer speed controllers.

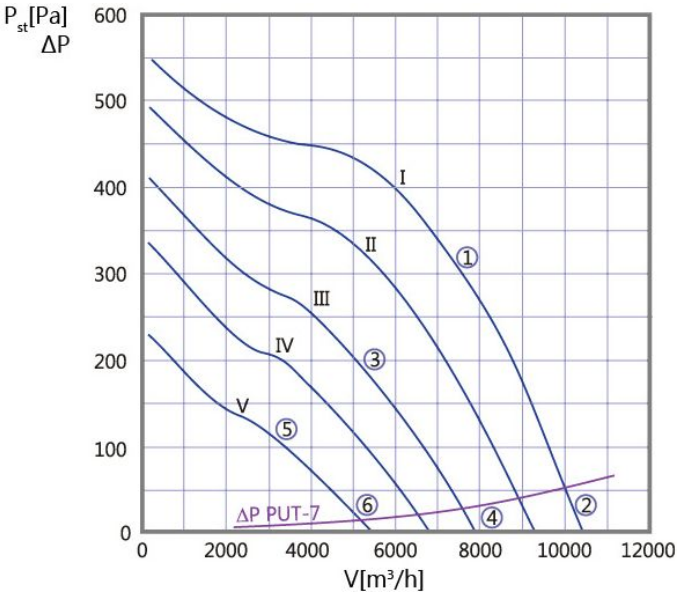
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WDV-50-AC/4T

DIMENSIONS



CHARACTERISTICS:



Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
366	782	710	1220	568	51,0

Impeller type	RH50V-4DK.6K.VR
Supply voltage	3~400V/50Hz
Motor power [kW]	1,45
Current [A]	2,80
Revolutions [rpm]	1280
Minimum temperature [OC]	-15
Maximum temperature [OC]	+60
Compliance	ErP 2015, CE

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