

> BOX-D

Direct Drive Double Inlet Box Fans



GENERAL DESCRIPTION

The fan of the BOX-D series are particularly designed for air extraction, supply or filtration. Their main characteristic is the low noise level which makes them ideal for urban environments (apartments, houses, restaurants, gymnasiums, offices) and industrial sites where radiated noise is a problem. The low noise level is due to that is plenum, lined with acoustic material that allows a remarkable reduction of noise level inevitably generated by the fan. The blower consists of a double inlet forward curve centrifugal fan with built-in motor.

CONSTRUCTION

- Profile-less cabinet is manufactured in PPGL sheet with removable access panel to allow easy access to the fan and motor.
- The blower is fitted using suitable support feet and is completely isolated from the casing by anti-vibration mounts and gaskets.
- Acoustic lining in self-extinguishing techno-polymer.
- DIDW forward curved with direct drive built-in asynchronous motor
- Flanged inlet and outlet for ease of duct work.
- Motor IP 44

BEYOND STANDARD PRODUCT

- Different discharge orientation.
- Electronic and self-transformer speed regulators.
- Pre-filtered section.
- Customised cabinet size.
- Construction with the Aluminum extruded profile.
- Versions with double skin panels (20 mm thick) only in AL extruded profile.
- Blowers with EC motors are available on request.



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