

Box-D & AXC

Inline Direct Driven Fan



Introduction to BOX-D Inline Direct Driven Box Fan



DYN AIR® is the industrial division of Maico Italia S.p.A. and is a well known brand name at global level in the industrial ventilation and plant engineering sector. Technological expertise, high production capacities, strong research and investment policies together with a personalized back-up service focused on customer needs have, for over 30 years, been the qualities that distinguish our company: Italian excellence renowned throughout the world and an industrial concern fortified by belonging to Maico Holding GmbH, the German group that leads the way in the ventilation industry.

Experience and high technology at your service

Living in a market in continuous evolution, DYN AIR® bases its force on a step by step project follow-up in close collaboration with the customer to create tailored and highly reliable solutions.

The latest addition to the ever evolving DYN AIR® range of products is the BOX-D range DIDW fan inside a cabinet.

DYN AIR's products follow stringent policy of research and development. With safety as a priority during production, all products use top quality components that meet the relevant standards.

BOX-D - Inline Direct Driven Box Fan



Our Total Quality policy is ensured by standard working procedures, with tests and inspections during all production phases.

DYN AIR is ISO 9001: 2000 certified.

With our production capability, wide range of finished products and components warehouse, we ensure quick delivery to all our customers. Our staff is trained and dedicated to provide before and after technical plus sales services.

GENERAL DESCRIPTION

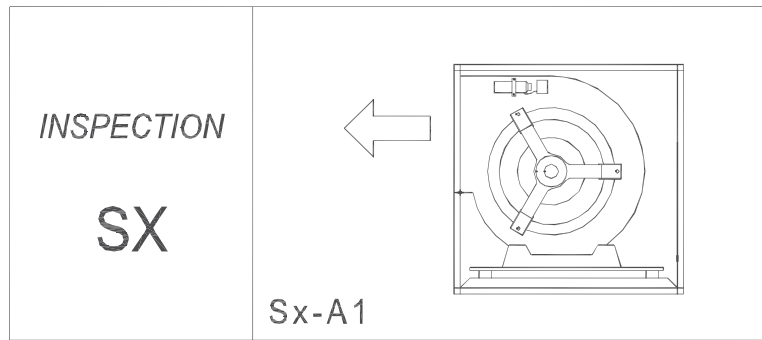
The fan of the Box-D Series are particularly designed for air extraction, supply or filtration. Their main characteristics is the low noise level which makes them ideal for urban environments (apartments, houses, bars, restaurants, gymnasiums, offices) and industrial sites where radiated noise is the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

CONSTRUCTION

- Cabinet is manufacture in galvanized sheet, removable access panel to allow easy access to fan and motor.
- Double inlet Blower, Forward curved, with direct drive built-in asynchronous Motor, single phase or three phases, particularly suitable for speed regulation (using the suitable speed regulator shown in the catalogue).
- Flanged inlet and outlet for easy duct work connection

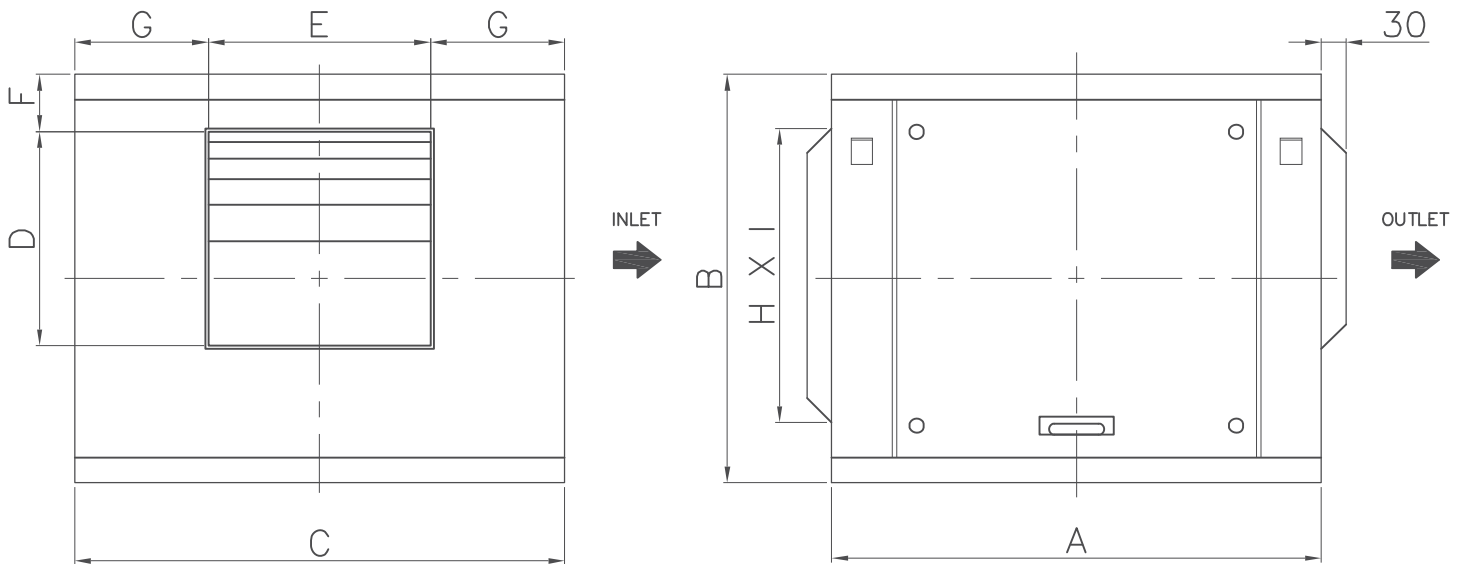
OPTIONAL FEATURES

- Filter section (Standard version with filter in polyester with efficiency 90.1 % Class EU4)
- Version with double skin panels
- Different discharge orientation
- Customized Cabinet size.
- Electronic and self-transformer regulators.
- Construction with the Aluminium extruded profile.



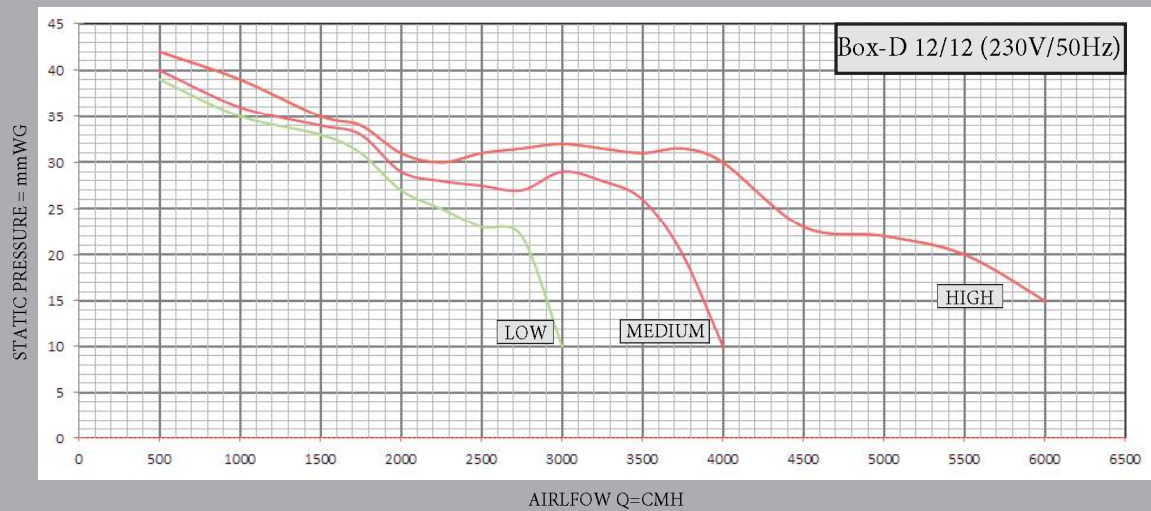
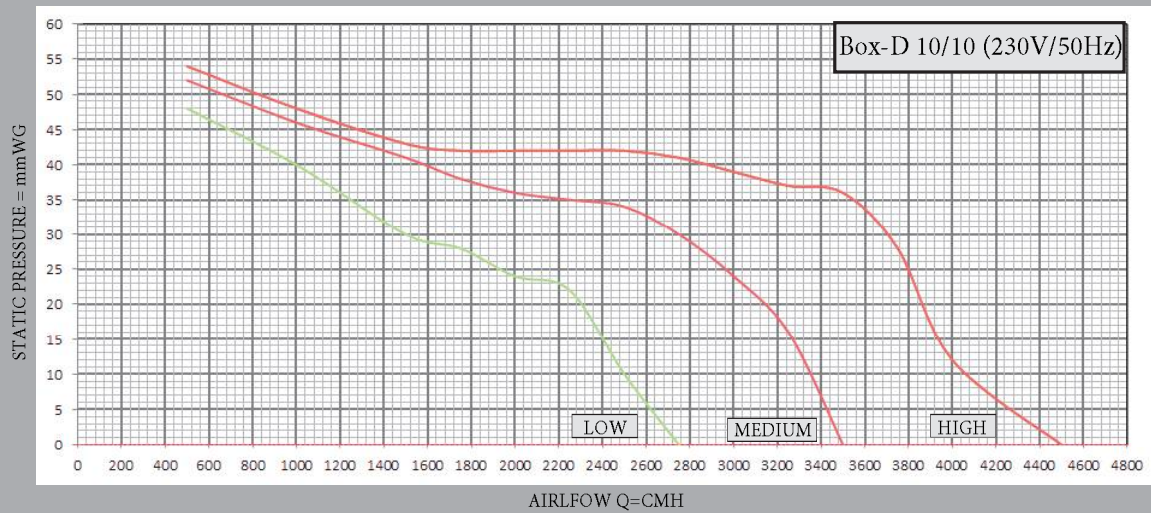
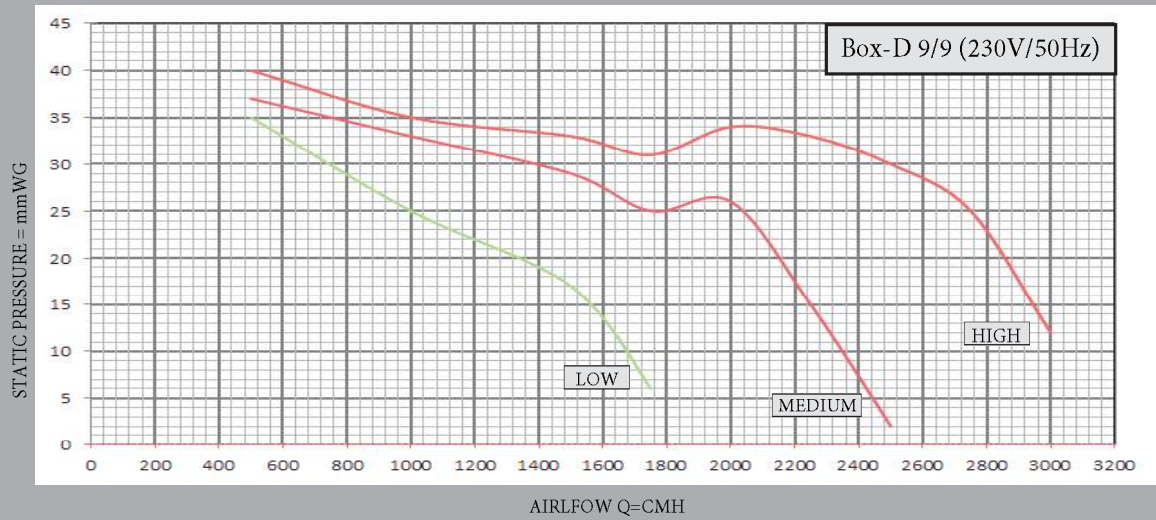
NOTE: Standard discharge angles SX-A1

DIMENSION DRAWING



MODEL	A	B	C	D	E	F	G	H	I	Wt,Kg (with GI cabinet)	Wt,Kg (with Al cabinet)
BOX D 9/9	500	500	500	262	298	70	95	300	300	29	20
BOX D 10/10	600	550	600	289	331	75	127.5	350	400	38	27
BOX D 12/12	640	640	750	341	395	80	170	440	550	53	39

Technical Data Sheet for Box-D 9/9, 10/10 & 12/12



MODEL	POLE	AMPS	SPEED	SUPPLY
BOX D 9/9	4	3.5	3	220-240
BOX D 10/10	4	3.6	3	220-240
BOX D 12/12	6	7.5	1	220-240