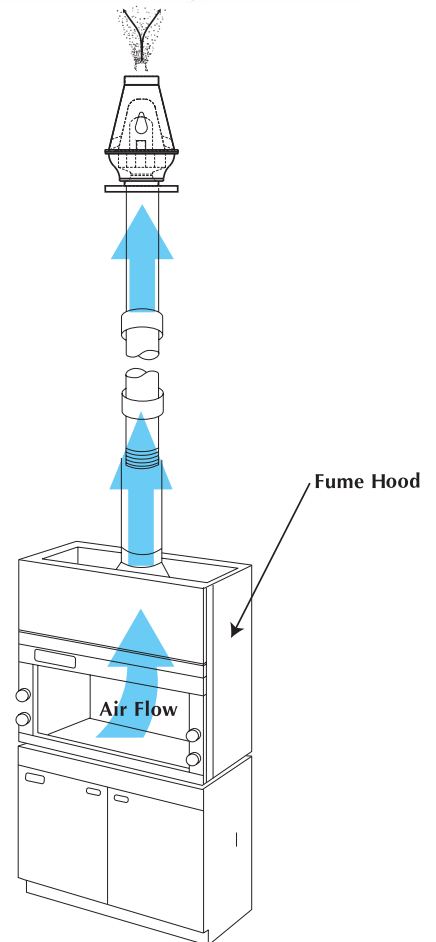


Corrosive Backward Inclined JET



Characteristics and Design

Polypropylene centrifugal fans are used for ventilation of aggressive mediums like acidic or solvent vapors and others. These corrosive mediums are typically found in process technology, petrochemistry, textile production, printing plants, laundries, laboratories, and many other manufacturing facilities.

Housing

The housing are produced following a rotational casting procedure and made of hard inflammable polypropylene (PP). The housing totally encloses the motor from the airstream, providing protection from outside elements and fumes. There are four (4) ventilation holes in the housing allowing for cooling of the motor.

Impeller

The combination of precision injection molding techniques with modern high strength polypropylene results in an impeller stronger than steel but less than half the weight. The impeller is high efficiency compound curve airfoil design. The impeller is non-overloading backward inclined which eliminates the risk of burned motors.

Motor

Single phase motor is used as specified. The motor is dual voltage (115/230V) unless otherwise specified. The motor is totally enclosed fan cooled (TEFC) or Open Drip Proof and has thermal overload protection (TOP). Explosion proof and Inverter Duty versions are available upon request.



Performance

The CBI JET Series includes 4 different models and 11 various configurations performing a broad range of CFM at low to high static pressures.

CBI JET Series Features/Benefits

1. Inline centrifugal fan comes either in roof mounted configuration or inline duct mounted configuration.
2. Backward inclined non-overloading wheel.
3. Polypropylene housing with drain plug.
4. Round inlet/outlet for easy duct connections.
5. The motor is isolated from the airstream, providing protection from outside elements and fumes.
6. Very quiet, low maintenance and attractive bifurcated design.

Chemical Resistance

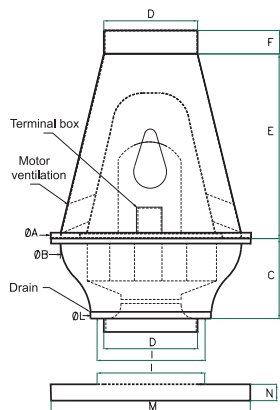
The chemical resistance depends on materials and sealing materials that are in contact with ventilated mediums.

Apart from the composition of the fan, the chemical resistance depends on concentration, temperature and duration of contact of the ventilated medium.

For detailed corrosion resistant information, please contact our factory.

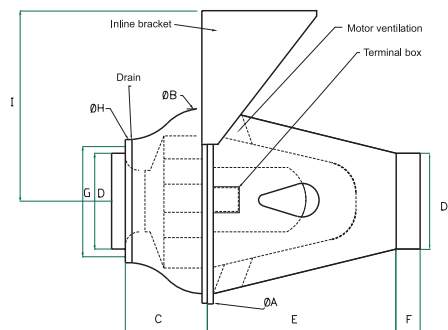
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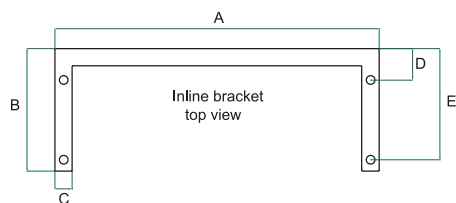
Model	A	B	C	D	E	F	I	L	M	N
CBI JET 250	19.7	17.5	7.1	7.9	18.1	2.0	9.1	10.2	19.5*	1.5
CBI JET 315	23.6	21.3	9.4	11.0	24.4	2.0	13.0	14.6	19.5*	1.5
CBI JET 355	23.6	21.3	9.4	11.0	24.4	2.0	13.0	14.6	19.5*	1.5

***All Measurements in Inches**



Model	A	B	C	D	E	F	G	H	I
CBI JET 250	19.7	17.5	7.1	7.9	18.1	2.0	9.1	10.2	11.5
CBI JET 315	23.6	21.3	9.4	11.0	24.4	2.0	13.0	14.6	13.5
CBI JET 355	23.6	21.3	9.4	11.0	24.4	2.0	13.0	14.6	13.5

***All Measurements in Inches**



Model	A	B	C	D	E
CBI JET 250	20.75	9.8	1.1	2.4	8.8
CBI JET 315	20.6	7.8	1.1	2.0	7.1
CBI JET 355	20.6	7.8	1.1	2.0	7.1

***All Measurements in Inches**

Accessories

Drain Plug
 Disconnect Switch
 Explosion Proof Disconnect Switch
 Rain Cap
 Vibration Isolator
 Clean Air Stack
 Adjustable Damper
 Back Draft Damper
 Inlet Guard

Special Design for:

-Research Centers
 -Laboratory Hood Exhaust
 -Industrial Fume Exhaust
 -Waste Water Treatment
 -Roof or Duct Mounted

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