

# Product Information

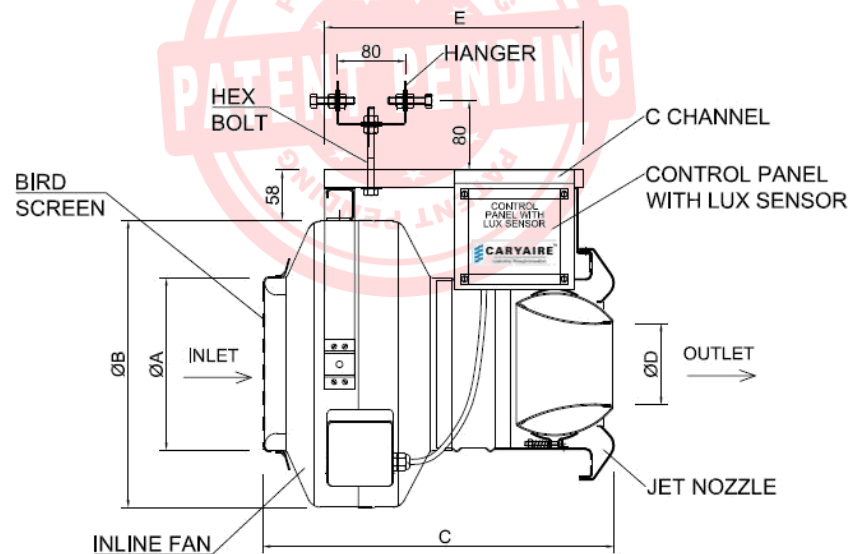
## DEMAND BASED TURBO JET (MODEL - DBTJ)

**Features:** Inline Fan with Free Intake, coupled with a Jet Nozzle which can be tilted for air direction, supplied with a Control Panel with Lux Sensor which senses the surrounding Light and gives signal to the Fan to turn on, when the Light shuts off, the Fan turns off. This gives the ideal solution to push air into the places where it is required and throw at an adequate velocity to reach the farthest end of the Aisle



### Advantages

- **Energy Savings:** Air circulation only happens when the space is occupied.
- **Cost Saving:** Expensive ducting can be avoided. Main AHU can be smaller, throwing a fraction of the air into the space, these booster fans will do the rest and move the air where it is needed.



TECHNICAL DATA							
Fan Model	Air Flow (CFM)	Air Velocity (FPM)	Dimension				
			A	B	C	D	E
DBTJ 200	240	3530	200	333	407	94	300
DBTJ 250	372	2462	250	333	415	132	300
DBTJ 315	545	2700	315	415	440	160	350

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## Suggested Specification

Supply of Demand Based Turbo Jets consisting of a Circular Fan with Metal Casing and an external rotor single phase asynchronous motor with a protective bird mesh at fan entry made with 1mm thick aluminium.

With power consumption not exceeding 145/170/230W for models 200/250/315 respectively. The Fan outlet will have a powder coated connection piece where necessary, with Air Diffusion through a powder coated jet nozzle with movable eyeball for manual directional changes. The DBTJ shall have a mounting assembly made from Galvanized Steel and shall be factory wired to a controller with 230V 1phase input, using a 2mtr 3 core power cable with 3pin Plug. The DBTJ shall only operate when the Lux sensor is activated with surrounding Light, the light source shall be no more than 1mtr away from the sensor in a linear direction.

Power supply to light sensor shall be provided by the controller the controller shall have suitable transformer to provide low voltage supply to lux sensor.

## APPLICATION

