

INDUCTION CENTRIFUGAL JETFAN WITH EC MOTOR

APPLICATION

Centrifugal induction jetfans with extremely low profile, specifically designed to extract pollutants, like CO, and cool smoke from enclosed car parks. Their compact dimensions allow to overcome architectural and structural problems, like in case of low overall ceiling heights, and to eliminate the requirement of ductwork, without compromising the performance and efficiency of the ventilation system.

CONSTRUCTION

- Fan casing manufactured from galvanised steel.
- Integral mounting feet.
- Two backward curved centrifugal impellers, made from technopolymer to ensure high aerodynamic efficiency.
- Dynamically balanced impellers in compliance to ISO 14694 Grade G63.

- Integrated safety grids to protect against the accidental contact with the moving parts.
- Two highly efficient EC brushless motors.
- IP55 terminal box fitted as standard.

FEATURES & BENEFITS

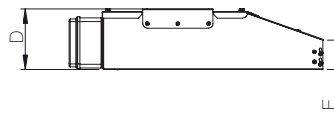
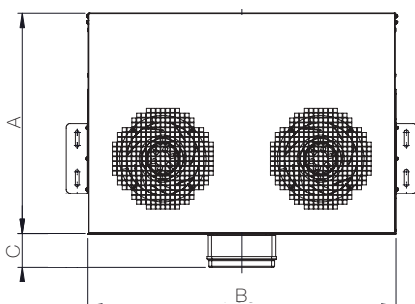
- The integral mounting feet allow the unit to be mounted easily to the ceiling.
- Uni-directional airflow.
- Cost and installation time savings by elimination ductwork.
- Without the distribution ductwork resistance, smaller axial fan sizes and /or motors can be used.
- Energy saving, noise and cost reduction thanks to the usage of smaller axial fan sizes.

- Running costs reduction thanks to the possibility of exhaust and supply airflow across the dedicated area only
- Jetfans low profile to facilitate the installation of splinker and lighting systems.
- Easy of system design change.
- Fans are suitable for operation with temperatures up to + 55°C.
- Tested to the latest standards, meaning accurate, up to date information on electrical safety, performance and noise level that can be relied upon.
- Designed and manufactured in accordance with Machine Directive (MD), Low Voltage Directive (LVD), Electromagnetic Compatibility Directive (EMC).

Performances

Description	Code	Poles	P _{el}	I _{nom}	Thrust	IP/Cl.	Q	Lp
			W	A	N		m³/h	dB(A) @3m
JDEC-2-12N	004245	2	340	2,6	12	55/F	2400	60

Dimensions (mm) and Weight (kg)



Description	A	B	C	D	E	Weight
JDEC-2-12N	503	703	76,50	138	67	20