Centro-Jet Dual

Induction centrifugal fans

The **Centro-Jet Dual** is a new, ergonomic, efficient version of centrifugal fans for use in confined spaces with low ceiling heights. Suitable for mining pollutants and CO in car parks, access tunnels, exits routes and shopping malls.

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Features

- The fans generate a high-speed and high-pressure directed.
- The supply of a template with a special design for fast mounting and the option of installing the fan in the best air exhaust direction is an important benefit that saves time in installations.
- The fan has a sound insulation of mineral wool.
- The motor ingress protection rating is IP44 or IP55.
- The motors are designed for mains voltages of 120 V, 230 V and 400 V and a frequency of 50 Hz or 60 Hz.
- **Centro-Jet Dual** fans are designed for horizontal ceiling mounting and fixation by means of the supplied fixing brackets attached to the fan casing.
- Maximum temperature of air to be carried -4...+140 °F.

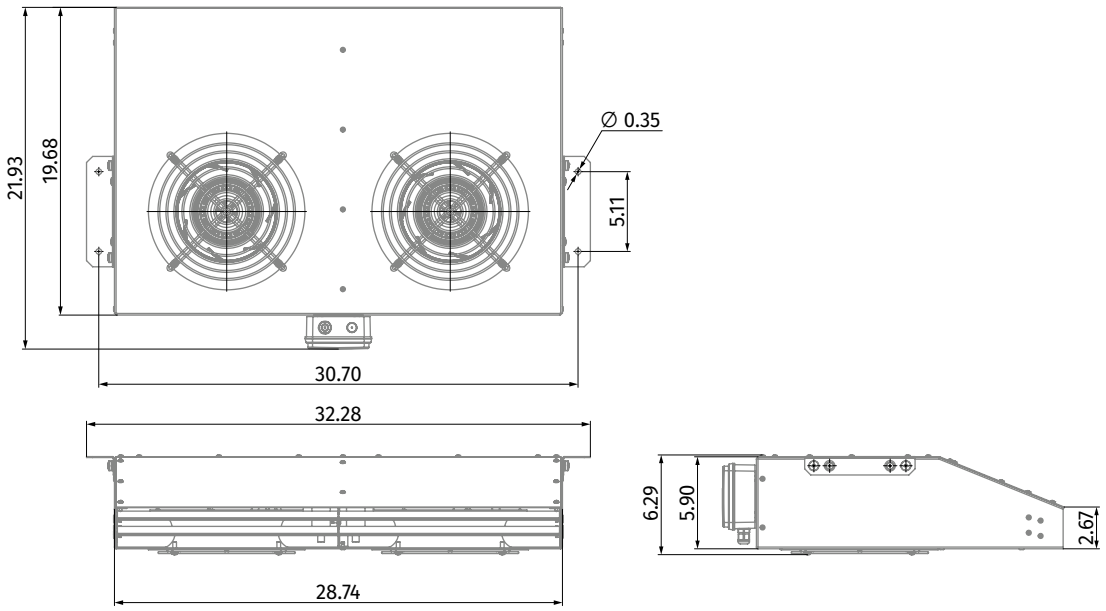
Technical data

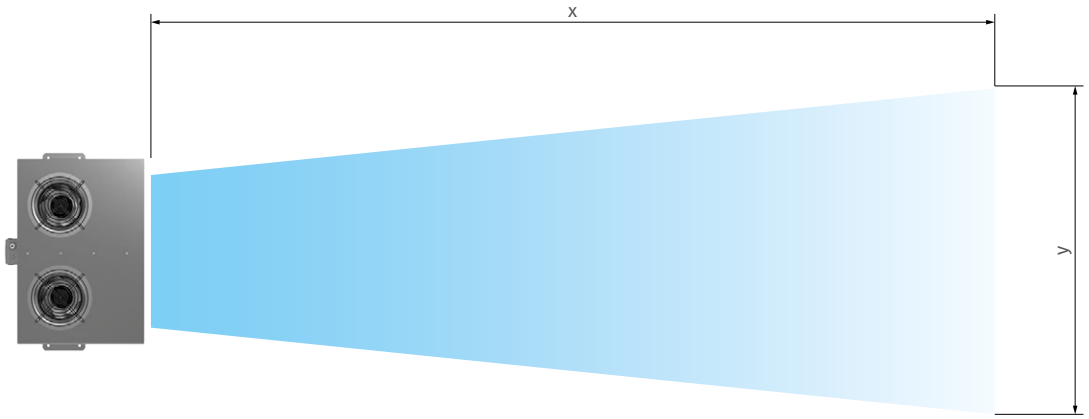
Model	Centro-Jet Dual 12N AC		Centro-Jet Dual 12N EC	Centro-Jet Dual 12N AC 120/60	Centro-Jet Dual 12N EC 120/60
Thrust [N]	12	12	12	12	12
Voltage [V]	230	230	200–277	120	120
Frequency [Hz]	50	60	50/60	60	60
Power [W]	400	480	320	500	340
Current [A]	2.1	2.3	2.4	4.2	4.2
Maximum air flow [CFM]	1559	1589	1500	1589	1500
RPM [min^{-1}]	2650	2850	2800	3200	2550
Sound pressure level [dBA]	69	70	70	71	68
Motor IP	44	44	55	44	55
Weight [lbs]	44	44	39.68	46.29	39.68

Designation key

Series		Thrust		Motor type		Voltage		Frequency
Centro-Jet Dual: Impulse Centrifugal Fan	-	**12N**	-	**EC** **AC**	-	**_:** 230 V **120:** 120 V	/	**_:** 50 Hz **60 Hz:** 60 Hz

Dimensions [in]



Impulse thrust

	Centro-Jet Dual 12N AC	Centro-Jet Dual 12N AC 60Hz	Centro-Jet Dual 12N AC 120/60Hz	Centro-Jet Dual 12N EC	Centro-Jet Dual 12N EC 120/60Hz
Speed [rpm]	2650	2850	3200	2800	2550
Thrust [N]	12	12	12	12	12
Air exhaust speed [ft/min]	2559.05	2559.05	2952.75	2755.90	2559.05
Air speed [ft/min]	196.85	196.85	236.22	196.85	196.85
Maximum length x of blade [in]	708.6	708.6	787.40	748.03	708.6
Maximum length y of blade [in]	275.59	275.59	314.96	314.96	275.59