

Inline Adjustable Pitch Axial Fans



Manufacturer: CFM Fans
Model: MUA Series

The MUA series of Direct Drive Inline Axial Fans has been developed for supply or exhaust applications. The adjustable pitch angle setting offers a wide performance and maximum flexibility to match precisely individual airflow requirements. These fans are capable of handling air volumes from 400 l/sec to 20,000 l/sec and static pressure up to 500 Pa. The Axial Impellers are sourced from 'Multi-wing' or on occasion from 'Titan' and units range in diameter from 400mm to 2000mm with various blade designs and materials to ensure the best impeller for the required application. Most commonly used are aerofoil adjustable pitch impellers from PPG or Aluminium fitted to high quality single or 3 phase squirrel cage motors.

The casings are sourced from 'Offshore Engineering Services Pty Ltd, Melbourne' and are rolled and flanged from heavy-gauge mild steel and hot-dip galvanised after manufacture. Offshore supply axial fan casings to most fan manufacturers in Australia, therefore diameters, hole PCD's and casing lengths are standardised for convenience. The casing lengths enclose the impeller and motor completely and weatherproof external terminal boxes are standard except for units required to operate in hazardous environments. An inspection hatch is standard on fans 1000mm diameter and over, a 50 mm sight hole is fitted on smaller fans. An inspection hatch is available in the smaller fans but this must be requested at time of order placement.

Performance Summary:

Not available due to a myriad of possible configurations.

Please refer to the individual fan curves for specific performance and noise data, available in the CFM Fan Selector Program [Download Fan Selector]

Specifications:

- Performance tests carried out in accordance with BS848 Part 1 (1980) and AS 2936 - 1987
- Noise level tests carried out in accordance with BS848 Part 2 (1985) and shown as average dB(A) values
- Fully weatherproof Galvanised Steel Housing with inspection ports as requested
- Terminal box mounted on the outside of the casing for easy wiring
- Motors available in single or three phase, 2 speed and / or speed controllable
- Smoke Spill units are available and comply with AS4429 [Specials]
- Fans for hazardous environments are available with ExE, ExD, ExN motors etc. [Specials]
- Optional extras include: Matching Flanges, Mounting Feet, Anti-vibration Mounts, Inlet Cones and Guards
- All metal construction is available on request to satisfy AS/NZS1668.1:1998 for Kitchen Exhaust Fan Casings and Cowls