

TA/VA2000

Tube / Vane Axial Exhauster



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 **MOFFITT CORPORATION**
NATURAL VENTILATION SOLUTIONS

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TA/VA2000 Tube / Vane Axial Fans

STANDARD FEATURES

- Size:
 - Direct Drive: 12" – 48"
 - Belt Drive: 12" - 60"
- CFM Range: 2,000 – 120,000 +
- Construction – Heavy gauge hot rolled steel
- Flanges – Angle rings integrally rolled or welded to tube
- All Welded Support Structure
- Propeller – Cast aluminum construction, Statically and Dynamically Balanced
- Variable Pitch Drives Standard thru 3 HP
- 1 Year Fan and Motor Warranty
- Motors Rated for Continuous Duty
- Heavy Duty 200,000 Hour Rated Pillow Block Bearings
- Adjustable Tensioning Rods for Belt
- Drives Sized for a Minimum of 150% of Drive Horsepower
- Removable bearing cover for ease of maintenance.
- Adjustable motor base for belt tensioning.
- cULus 705 Listed

OPTIONAL FEATURES

- Construction
 - Aluminum
 - Stainless Steel
- Propeller - FRP Blades with Cast Aluminum Hub
- Vanes – Welded for increased efficiency
- Lube Lines
- Companion Flanges
- Outlet/Inlet Guard
- Belt Guard
- Motor Cover
- Access Panel
- Strike Plate
- Shaft Seal
- Hanging Brackets
- Isolation
- Disconnect Switch
- Stack and/or Curb Cap
- Hooded Head
- Clamshell Doors
- Finishes
 - Epoxy
 - Vinyl
 - Heresite

PRODUCT DESCRIPTION

The TA2000 Tube Axial exhauster is designed for applications where higher static pressures are required. The most efficient operating range is from 1" to 2.5" static pressure and can be used up to 4" static pressure. It also offers lower noise levels than the TA1000 for most selections. Two different wheel options are available for most sizes creating a broader range of efficient selections; The "A" Wheel has a smaller hub than the "B" wheel and is less expensive, creating a cost/efficiency trade off. The TA2000 base price is higher than the TA1000, but lower than the VA2000 Vane Axial.

The VA2000 Vane Axial fan is designed for applications where higher static pressures are required. The stationary vanes mounted on the discharge side of the wheel help straighten the air flow recovering rotational energy. This recovery decreases the sound levels and power generation. The most efficient operating range is from 1.5" to 3" static pressure and can satisfactorily be used in applications with up to 5" of static pressure.