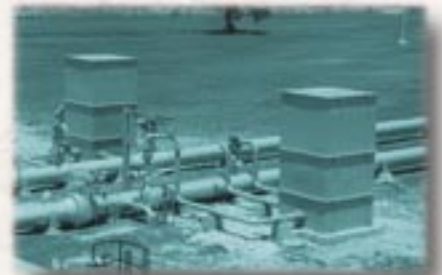




VENTILATION SYSTEMS



Mueller Environmental Designs, Inc.



**Air Filtration
Evaporative Cooling
Noise Control
Mist Elimination
Turnkey Projects**



Electric Motor Ventilation Systems

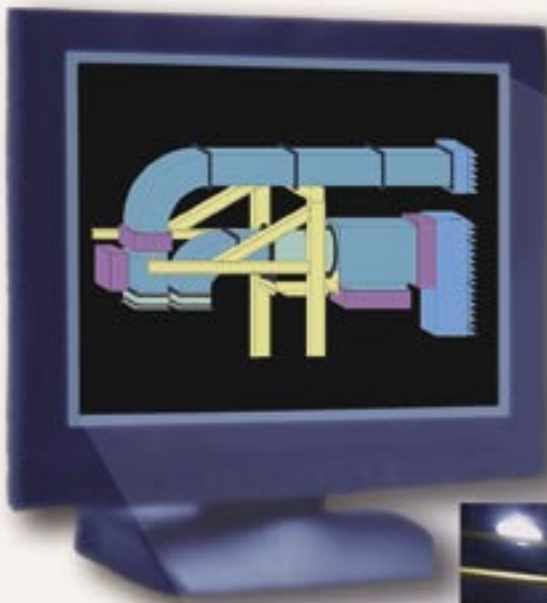
Mueller Environmental Designs Inc.'s ventilation systems are suitable for both induction and synchronous electric motors. These systems are designed to provide filtered ambient cooling air to the electric motor intake at a positive pressure, ensuring clean adequate airflow through the cooling air passages of the electric motor. Additionally, the system incorporates a duct that directs heated exhaust air to the atmosphere.

MED's electric motor ventilation system also provides the necessary silencing equipment to comply with the noise level specified by the customer.

MED's electric motor ventilation system is a heavy duty, industrial type structure, designed and fabricated to operate for 30 years of continuous full load duty, except for routine maintenance. The system is suitable for installation in Class 1, Group D, Division 1 areas.

Options:

- ◆ Various materials of construction and finishes
- ◆ Block and bypass heating system for winter operation
- ◆ System noise control as low as 40 dBA at 50 feet from inlet and outlet



System Requirements:

- ◆ 1500 Hp Induction Electric Motor
- ◆ 4160 Volts/ 3 Phase/ 60 Hertz
- ◆ Cooling Air Requirement: 9600 CFM
- ◆ Silencing Requirement: NEMA C a , 260 feet



System Requirements:

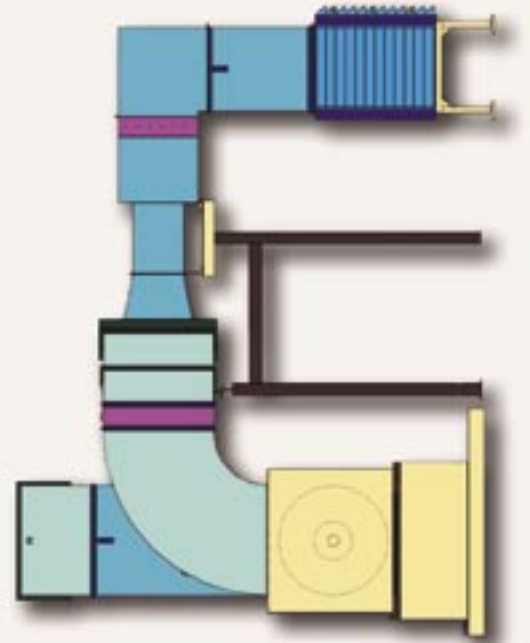
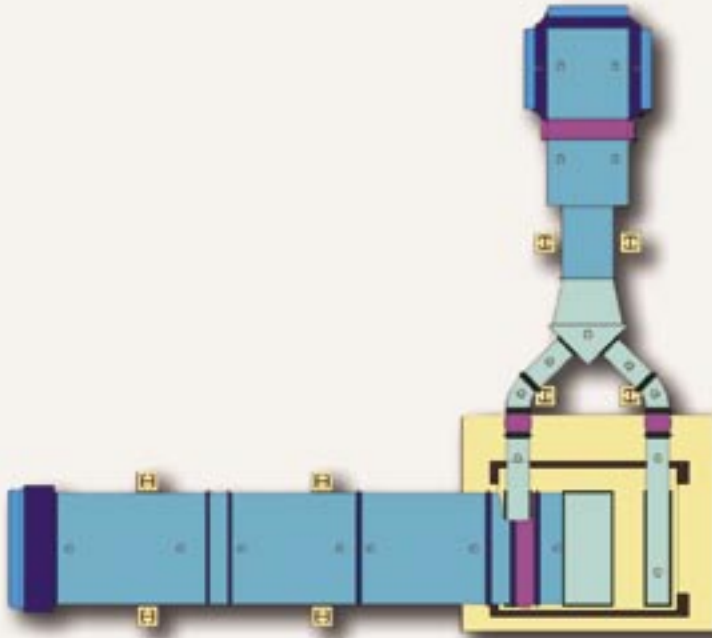
◆ 16,000 Hp
Induction Electric Motor

◆ 13,800 Volts/ 3
Phase/ 60 Hertz

◆ Cooling Air
Requirement:
16,500 CFM

◆ Silencing
Requirement:
60 dBA @ 50 feet





System Requirements:

- ◆ 6,300 Hp Induction Electric Motor
- ◆ 4,000 Volts/ 3 Phase/ 60 Hertz
- ◆ Cooling Air Requirement: 14,000 CFM
- ◆ Silencing Requirement: 60 dBA @ 50 feet

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