



MED MODEL MAF



**Mueller
Environmental
Designs, Inc.**



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



INTAKE AIR FILTER FOR ROTATING MACHINERY

Mueller Environmental Designs, Inc. MAF intake air filter for rotating machinery is designed to hold various 24" x 24" filter and/or pre-filter combinations. This flexibility permits ideal filter selection to accommodate filtration efficiency requirements and air flow conditions (smooth or pulsating). The MAF ships fully assembled ready for installation.

APPLICATIONS

The Mueller Environmental Designs, Inc. MAF series intake air filter is designed for handling intake air for centrifugal and axial compressors, rotary positive, vane axial and centrifugal blowers, reciprocating engines and compressors.

SELECTION

Proper selection procedures require the following application information:

- ◆ Type of Rotating Equipment
- ◆ Inlet Flange Size and Orientation
- ◆ Intake Air Flow
- ◆ Atmospheric conditions (ambient pressure and temperature)
- ◆ Filtering Efficiency Required
- ◆ Allowable Pressure Drop

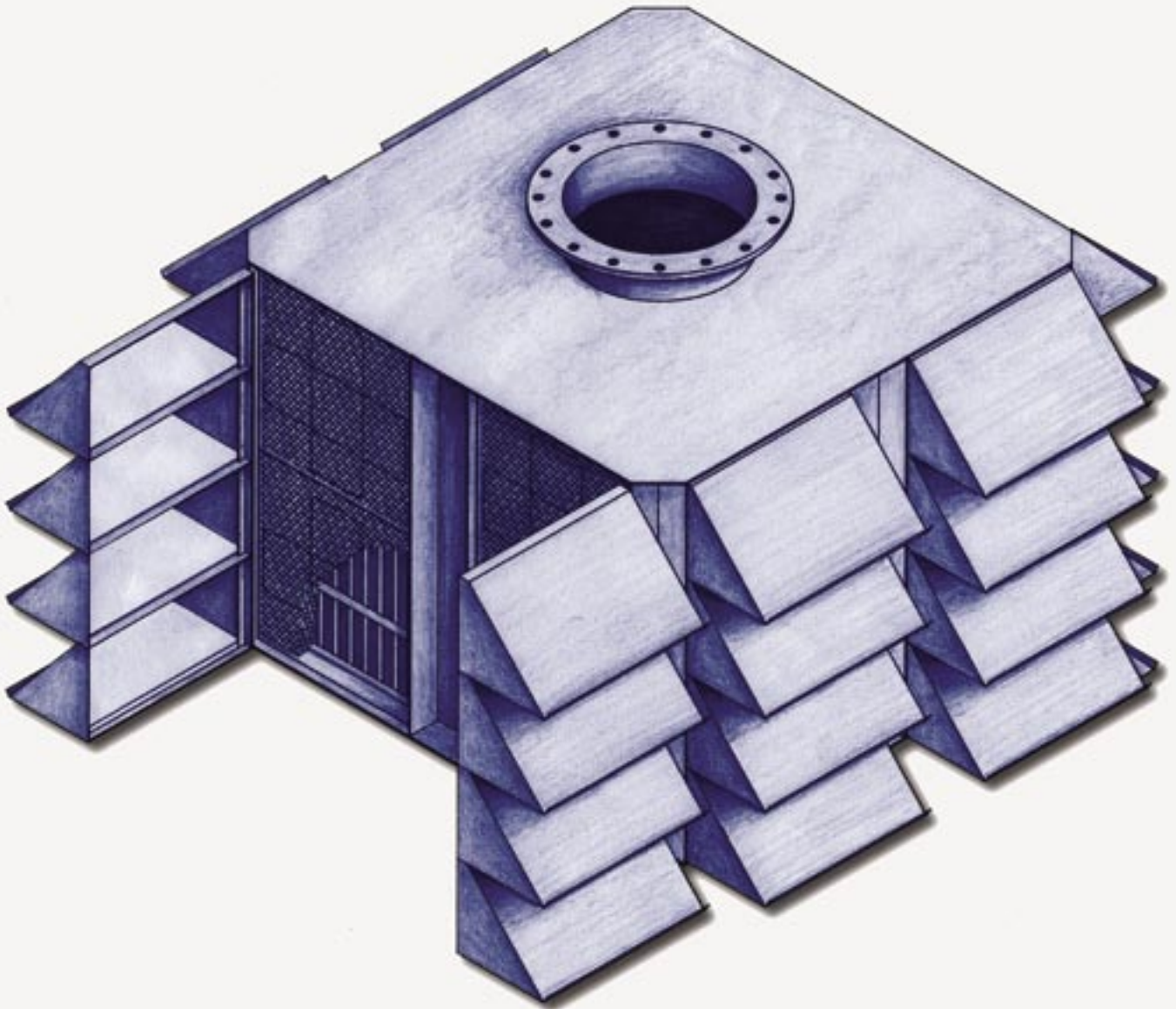
DESCRIPTION

The Mueller Environmental Designs, Inc. MAF series inlet air filter is heavy duty all welded construction. The housing is formed angle and plate design with all external seal welds. Weather hoods are formed from a single sheet with angle reinforcing and includes rain gutter. Weather hood door is hinged and latched to the housing structure. The hinge is a bar and angle device with stainless steel pin and nylon insert. The latch mechanism is an eyebolt, angle and butterfly nut with washer arrangement. Both hinge and latch are seal welded to housing structure. All surfaces, internally and externally are mechanically cleaned and red oxide prime coated.

The filter holding frame is corrosion resistant 16 ga. galvanized steel, supplied with appropriate retaining clips and gasket to maintain a positive pressure seal between frame and filter element. The filter frames are individually bolted to filter house side panels, and sealed with a silicone sealer to prevent by-passing.

WARRANTY

Mueller Environmental Designs guarantees to meet pressure drop and noise control criteria, warrants against poor workmanship, material defects, and failure due to improper equipment selection.



**MUELLER ENVIRONMENTAL DESIGNS--
ATTENTION TO DETAIL**



MED MODEL MAF-1-4E



MED MODEL MAF-2-4D



MED MODEL MAF-2-6-E1



MED MODEL MAF-4-8D

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