

MECHANICAL VENTILATION FAN



Note: Louver vent cover removed

Mechanical Ventilation System (EP)

Explosion Proof exterior mount exhaust ventilation and fume removal system. System consists of UL listed totally enclosed explosion proof 1/4 HP 1725 RPM motor, 115VAC, 4.5amp, 60Hz, single phase, rated for Class 1 Group D, Division 1, Hazardous Locations and housed inside an exterior wall enclosure. System has a non-static and non-sparking 12" diameter cast aluminum fan blade, 1050 CFM @ 0.0" SP. The exterior exhaust fan housing is constructed of steel, epoxy coated with an exterior polyurethane finish. The interior exhaust vent is located within 12" of the floor for the extraction of heavier than air vapors. The exterior exhaust fan port opening is protected with a UL Classified fire damper. Fire damper is a galvanized steel frame, curtain type galvanized steel blades and UL listed 165 degrees F fusible link. Exterior exhaust port is equipped with a shutter assembly. The system is activated by an exterior, UL listed, fan switch. The system is equipped with automatic system shutdown if fire occurs.



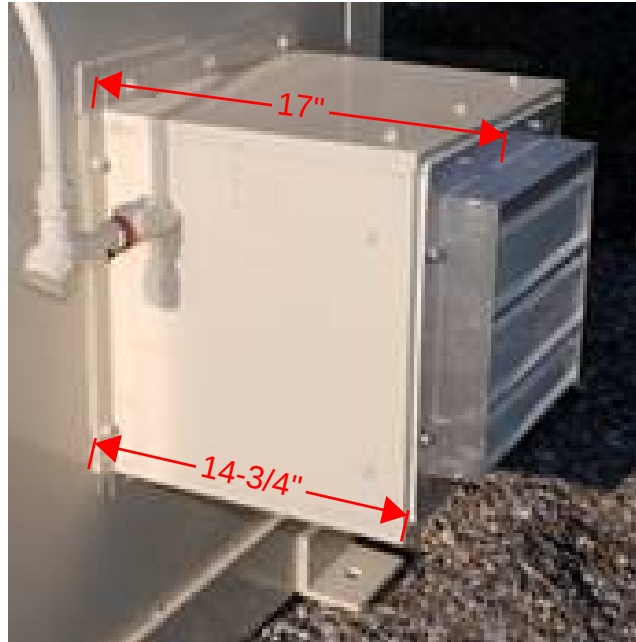
**Note: Grill cover removed.
Interior view with fire damper**



Exterior view

Maintenance: Exterior louver: Keep clear to allow flaps to open.
Interior grill: Keep clear and clean vent of dirt.

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This transition box is 16-3/4" square. Extending 14-3/4" from the side wall. The louver vent cover is 14" x 14" x 2-1/4". Total extension from the building 17" Transition box manufactured by US Hazmat Storage



**1/4HP 115/208-230V, 1725 RPM
MOTOR (Granger #1TUN8)**

**3/4HP 115/208-230V, 3450 RPM
MOTOR (Granger #1TUL6)**



**PROPELLER 12"
5/8" Bore, 2320 CFM
(Granger #3GTF5)
FAN & VENTURI
(Granger #3XK51)**



**SHUTTER WALL MOUNT
2 1/2" Depth, 15" Square
Max. Velocity 2500 RPM
(Granger #4C556)**