

The MVU™ 60



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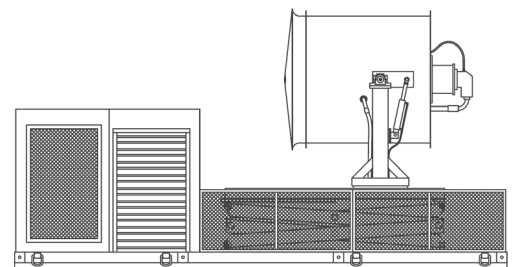
DFW International Airport

The MVU™ 60 General Description

The powerhouse in our mobile ventilation line, the MVU™ 60 is the largest units we manufacture. The combined massive 60" (1.5 meters) seven (7) blade aluminum impeller and steel shroud are capable of generating air movement unlike any other ventilation unit around. At a calculated 400,000 nominal CFM (679,604 m³/hr), the mobile ventilation unit 60 will ventilate nearly anything caught downwind from it.

All of the unit's mechanical actions, including the fan's blade rotation, are powered by its extremely reliable hydraulic system. The hydraulic pressure is generated by the legendary Cummins Diesel engine, mounted under the MVU™'s silencer hood.

With every square inch built to our unmatched standards, we're confident that there's no ventilation job outside the MVU™ 60's reach, whether it's a mile long tunnel or 50 story highrise.





MVU™ 60 Features

Like all of our MVU™ models, the 60 offers a number of standard and optional features, many of which are custom designed and built to your needs and specifications.

Standard Features

- Tilt System
+ 30° to - 30°
- Hydraulic System
Pump, Motor, Tank and Valves
- Turbo Charged Cummins Diesel Engine
133 HP (99 kW)
w/ Radiator
w/ 55 Gallon (208 Liter) Fuel Tank
- Electric Wiring
w/ 24V Battery
- Operating Panel
w/ Wired Remote Control
- Body for Engine and Hydraulic System
- Mounted on Base Frame
- Painted
(Standard Color is **Red**)



Standard Controls (Electric over Hydraulic)

Fixed Panel Controls

- Engine/Fan RPM
- Gauges for Temperature/Oil Pressure
- Hydraulic Control Pressure
- Panel Light
- Engine Hour Meter
- Emergency Shut-Down Switch

Wired or Wireless (Optional) Remote Controls

- Fan Action (Start/Stop)
- Fan Tilt (Up/Down)
- Fan Rotation (Left/Right)
- Scissor Lift (Up/Down)
- Emergency Stop Switch

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Optional Features

The MVU™ 60 proudly offers a number of options in addition to its standard features that are designed to help you overcome any unique challenges you may face in your specific application. From ventilator lift, to rotation, to a high volume water misting system, these options give you the power to pick and choose exactly what you need to ensure you're properly equipped to ventilate effectively and efficiently.



(1) Water Misting System

- Misting Ring: 1.5" (38.1 mm) diameter stainless steel, 8 nozzles
- Flow Rate: 87 gallons/min at 100 psi (300 l/min at 7 bar)
- Reach: 130 ft (40 m)
- Droplet Size: 200 microns (0.2 mm)
- Supply: Central Duct System
- Coupling: 1.5" (38.1 mm) house coupling with shut-off valve

(2) Ventilator Rotation (2 Options)

- Electric (24V) Rotation System (360° Continuous)
- Hydraulic Rotation System (180° x 2)

NOTE: Both rotation options are controlled via wired or wireless (optional) remote.

(3) Ventilator Scissor Lift

- 9.75 ft (3 m) Scissor Lift

NOTE: Controlled via wired or wireless (optional) remote.

(4) Mounting Configurations

- Tandem Axle Goose Neck Trailer (shown)
- Railcar
- Hook-Lift Skids
- Vehicle Chassis
- Other

NOTE: All mounting options can be provided and installed by Tempest.

(5) Wireless Remote Control

- Replaces the included wired remote control

Custom Unit Colors Available

- Standard Color is **Red**