

TEMPEST

● *Fighting for performance*

THE POWERHOUSE OF OUR MOBILE VENTILATION LINE

400,000 OPEN AIR FLOW CFM (679,000 m³/hr)

THE MVU[®]-60 MOBILE VENTILATION UNIT



400,000 CFM

The powerhouse in our mobile ventilation line, the **TEMPEST** 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 open air flow CFM (679,000 m³/hr), the Mobile Ventilation Unit 60 will ventilate nearly anything caught downwind.

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 powerful diesel or gasoline engines, mounted under the MVU[®] 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 high-rise.

THE MVU®-60

MOBILE VENTILATION UNIT

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Model No.	Part No.	Description
MVU-60	950-2002	Mobile Ventilation Unit with Hydraulic System, Tilt Device, with Wired Remote, with Engine
MVU-60	950-2014	Mobile Ventilation Unit with Hydraulic System, Tilt Device, with Wired Remote, without Engine - PTO Driven
MVU-60	950-2003	Hydraulic Lowering System
MVU-60	950-2004	Electric Rotation System (360°) Device
MVU-60	950-2005	Scissor Lift 9' 10" (3m)
MVU-60	950-2007	Water Misting System
MVU-60	950-2029	MVU®-60 Trailer - 20 Foot - with "Pintle" Hitch
MVU-60	950-7180	Flex Tube Ducting for Suction/Pressure - 60" x 10' Long, 4" Pitch, Yellow
MVU-60	950-7181	MVU®-60 Flex Tube Ducting Adapter

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.

GENERAL SPECIFICATIONS

- Total Height: 107" (2.7 m)
- Total Width: 95" (2.4 m)
- Total Length: 197" (5 m)
- Total Weight: 13,200 lbs (6,000 kg)

BLOWER (FAN) OUTPUT

Volume of Air:

- 150,000 Nominal Air Flow CFM (255,000 m³/hr)
- 400,000 Open Air Flow CFM (679,000 m³/hr)

Velocity of Air Stream:

- 78 - 100 MPH (35 - 45 m/s)
- Impeller RPM (Max.): 1,160

BLOWER (FAN) ASSEMBLY

- Shroud Diameter: 60" (1.5 m)
- Shroud Material: Steel
- Impeller: 7-Blades, Aluminum
- Drive: Hydraulic

ENGINE

- Cummins Diesel or Caterpillar
- 133 HP (99 kW)
- 55 Gallon (208 Liter) Fuel Tank
8-Hour Operating Time



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



FIXED PANEL CONTROLS

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