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XX MOBILE FAN MGV MGV L125/105 FII SPEED

VENTILATOREN GROOT DEBIET

Max Capacity: 1 000 000 m3/h
Propeller diameter : 1 250 mm
Mounted on a single-axle trailer

DESCRIPTION
The MGV L125/105F II SPEED is extremely powerful and allows effective ventilation of large industrial facilities, underground car parks, high-rise buildings, airports, shopping malls or miles of tunnels - in tests in traffic tunnels an air output of up to 1,000,000 m³/h was measured. This fan with its powerful, reliable car engine is the ideal partner for any service dealing with dangerous incidents in large buildings.

In this version, the fan is mounted on a single-axle trailer with a gross weight of 750 kg. The unit can easily be positioned by one person using the large handles on both sides.

TECHNICAL SPECIFICATIONS
Fan
- Easy to handle by one person
- Max Capacity: 1 000 000 m3/h
- Nominal capacity: 220 000 m3/h
- Axial force: approximately 3 000 N
- Max airspeed: 50 m/s
- Rotational speed rotor blade: approx. 1 800 rpm
- Propeller diameter : 1 250 mm
- Outer diameter: 1 600 mm
- Length Turbine sheath: 790 mm
- Engine: 4-cylinder petrol engine - water-cooled - with exhaust catalytic converter
- Engine type: 1.6l Duratec-16V Ti-VCT
- Engine power: 90 kW
- Torque: 160 Nm
- Silencer with possibility to connect an exhaust hose min. Ø 85 mm
- Fuel tank: 45 l

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- Electric starter for the engine, with ignition key.
- Easy access to the starter battery via a maintenance opening.
- Charging connection for the starter battery, with magnetic connector, allowing trickle charging with an external standard battery charger.
- In case the Starter battery is empty, the MVU can be started externally via the jump-start facility.
- Drive: toothed belt (maintenance free)
- Propeller: glass fibre reinforced polyamide, 6 blades
- Turbine jacket: glass fibre reinforced plastic, shell-shaped design for less vibration
- Safety grilles on both sides of the casing in accordance with EN 294
- Operation: remote control with TFT display with emergency stop and 5m cable

Mounted on a single-axle trailer
- Gross vehicle weight: 750 kg
- Including material case with toolkit
- Including handles
- Including 2 support legs
- Dimensions (l x w x h): approx. 3450 x 1850 x 2250 mm
- Net weight trailer with fan : 650 kg

ACCESSORIES AND OPTIONS
Option Water fog system:
- 14 integrated nozzles
- Water yield: 280 l/min at 7 bar
- Max pressure: 10 bar

Option Ventilation hose system:
- Air outlet: 70 000 m3/h
- Diameter: 800 mm
- Adapter: 2 pieces (left and right) including 3m hose
- Mounting: Pressure or suction side
- Length: 2 x 15m (standard package), expandable

Option roll plastic air hose:
- Diameter: 1 400 mm
- Mounting: Pressure side
- Length: 100 m

Trailer options:
- Height adjustable drawbar
- LED work light
- Integrated battery charger ((230 V /12 V)

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