

**Item #:** 25A **Description:** Groupe Leader MT 236

The PPV fan is used to provide a positive pressure air stream that enables structures to be ventilated where the atmosphere may be contaminated by smoke, toxic and/or flammable gases.

The Groupe leader Positive Pressure Ventilation Fans (PPV) - MT236E is designed to ensure the safety of the operator and the durability of the equipment with all controls located on the rear of the unit



• Reduced temperature and toxic fumes	• Sturdy wrap around frame
• Reduced risk of flashover	• Turbine tested for maximum safety
• Rapid smoke clearance increasing visibility •	• Resin blade design for safety

**Information:**

Dimensions: L x H x W cm	55W x 54H x 49 Dcm
Weight: .Kg	44.5kg
Warranty:	2 yr
Standards/Approvals:	ZF03.118.EN.2
Manufacturer:	Groupe Leader
Country of Origin:	France

Tilt adjustment Angle	10° to 20°
Noise Level:	91dBA @3 mtr
Engine	Honda 4 stroke 5.5 hp
Airflow	43,100 m3/h
Running time per tank fill	2hr 10 min
*Operational /Service life expectation	10 Years

\* Operational/Service life Expectation is an estimation of the whole of life period of each product when installed, maintained and serviced according to the manufacturers recommendation or their warranty conditions. This information is provided as an indicative guide only and in no way implies or suggests an extended warranty or any responsibility of the manufacturer or BRT Fire and Rescue Supplies beyond the nominated warranty period.

\* For further information refer to the original manufacturer's user and operational manual or [www.bigredtruck.com.au](http://www.bigredtruck.com.au).



**Operation:**

**ATTENTION:** Do not attempt to start the MT ventilator if you notice any kind of anomaly. Contact **Groupe Leader SA** immediately.

**The following checks must be carried out before first starting the fan:**

- Make a visual check of the **MT** and its accessories to make sure that no damage occurred during transport.
  - Check that the manual for the HONDA is contained in the pack.
- With the engine off, pull the recoil starter. If there is any unusual noise, or if the turbine gets stuck, stop the engine and contact **Groupe Leader SA** immediately.
- Read the instruction manual for the engine before filling up with oil or petrol.
- Use the fuel and lubricant recommended in the instruction manual for the engine: fresh, unleaded petrol with an octane rating of at least 85. Fill the engine's oil sump with a type of oil recommended in the instruction manual.

*MT 236: engine HONDA: oil capacity: 0.5 litre (20W50)*

The limits for oil use are shown in the HONDA engine manual.

Make sure that everyone responsible for or using this equipment is fully aware of the safety and operating precautions pertaining to rotating machinery.

**NB :** By its nature, a petrol engine creates vibrations. It is normal for the fan to vibrate when in use, particularly at medium power. To ensure better stability for the **MT** fan, particularly on an uneven surface, put the accelerator up to maximum power. This will reduce the vibrations and improve the equipment's stability.

It is possible that there will be some extraneous vibration during the engine's running-in period. These will disappear after several hours' use.

**START-UP OPERATIONS:**

The way the **MT** fan is started depends on the terrain on which it is being used.

- 1/** Check that the fuel tank is full.
- 2/ Check** that there is no fuel leakage.
- 3/** Place the **MT** fan on a flat surface where there are no slippery products and which is clear of debris. Make sure there is no obstacle between the fan and the opening for air entry.
- 4/** Start the fan after making sure that it is in a stable position, and adjust the accelerator so as to obtain the desired airflow. (For more information, see the engine manufacturer's manual).
- 5/** During blowing operations, regularly check that no obstacle is preventing the airflow from penetrating the interior of the building, or blocking the fan's suction grill



**Operation ( Cont):****ADJUSTING THE TILT****Use between 2 and 6 metres from the opening**

- 1) Lift the carrying handle; the fan is automatically tilted to an angle of 10° (operating angle recommended for 90% of incidents).
- 2) To close the carrying handle, unlock it using the index pin (ref. A).

**ADJUSTING THE TILT: LANDING, ENTRY WITH STEPS, WINDOW:****Use between 4 and 6 metres from the opening**

- 1) To adjust the tilt between 10° and 20°, unlock the tilt adjustment lever by moving it a quarter turn.
- 2) Tilt the fan manually so as to centre the jet on the opening.
- 3). Lock the lever while holding the fan in place so as not to alter the tilt.

**Testing and Maintenance:**

**ATTENTION:** If you notice any kind of anomaly. Contact **BRT Fire and Rescue Supplies**

Check every time after use for loose fixtures and fittings and tighten if necessary.

Check for excessive vibration or movement. Do not use if any fault is found.

Return to workshop for repair.

**NB: MT** ventilators operate on the high-speed entrained air principle. These portable ventilators are designed to clear smoke and gas, volatile or otherwise, by their blowing (or positive power) action, in all types of premises where an exit has been prepared. They are designed to be used between 2 and 6 metres away from the opening concerned.

**Groupe Leader SA** recommends that the minimum opening for escaping smoke should be the same size as the entry opening : the ideal would be double the size.



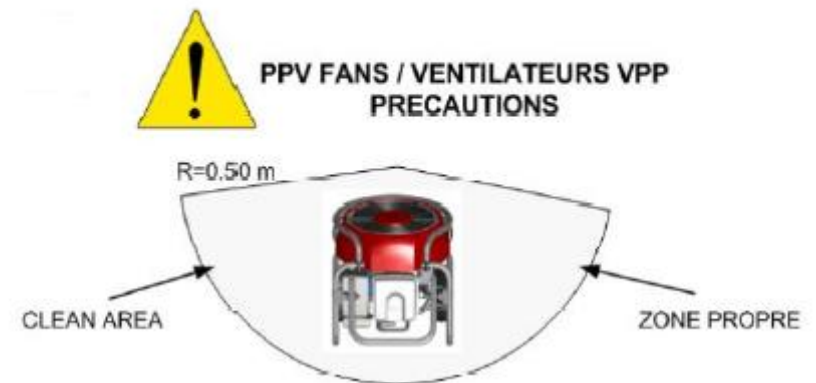
**Safety**

This equipment is manufactured in compliance with CE directives. It should be used only by fire-fighting professionals.

Read this manual completely, together with the attached instructions for the use and maintenance of the engine before starting up or using the equipment.

- Do not remove the petrol tank stopper, or fill the tank, while the engine is running or when it is hot (let the engine cool down for 2 minutes before filling the petrol tank).
- Keep fingers and hands away from the turbine and the hot parts of the equipment (cylinder block and exhaust).
- Do not start up the engine when the air filter or the air filter cover is removed.
- Always use recently produced unleaded petrol. Petrol which has been stored for a long time forms a deposit which could block the carburettor.
- Do not run the engine in an enclosed space. (The exhaust gases contain carbon monoxide.)
- Do not fill the petrol tank in an unventilated area.
- This ventilator must be operated or repaired only by qualified, trained staff.
- Do not start up the engine if the blades or the protective shroud show any signs of damage.
- Never move the ventilator when it is running at full speed.
- Only use genuine spare parts supplied by GROUPE LEADER S.A. when replacing defective parts.
- During maintenance operations, the wire leading to the spark-plug should be removed and fixed elsewhere.
- MT type blowers must not be used in explosive atmospheres.

- Do not remain in the fan's outlet area (risk of flying debris).
- Keep this equipment out of reach of children.
- Wear safety glasses, gloves and earmuffs when using this ventilator.
- Never allow anyone to use a ventilator without first giving them the necessary instructions.
- Do not wear loose clothing which could get caught in the ventilator.
- Do not use chocks or any other system for increasing the ventilator's tilt angle.
- Do not forget to put oil in the ventilator's engine before use.

**PRECAUTIONS FOR USE :**

## Safety Cont

### Precautions for Use (Continued)

