Portable Industrial Rapid Power Fan – MB50 Operating Instructions

PLEASE ENSURE YOU HAVE READ AND UNDERSTOOD THESE INSTRUCTIONS FULLY
BEFORE ATTEMPTING TO OPERATE THIS PORTABLE INDUSTRIAL FAN

General Safety

- Never place anything on top of the fan or obstruct its air inlet / outlet grills at the front and rear of the fan. Leave a 300mm gap all round the unit to let the air circulate,
- Always switch OFF and unplug the fan when not in use

Electrical Safety

- This portable fan plugs into either a standard 230v 13amp or 110v power supply, depending on model (see Dataplate for voltage type). The plug (230v models only) is fitted with a 13amp fuse.
- Extension leads should be correctly rated for the inductive load, fully unwound, loosely coiled and never run through water or over sharp edges.
- To reduce the risk of electric shock, use a suitable RCD (residual current devise)
- Never pull the fan by the flex.
- Ensure the fan and power socket are both switched OFF before plugging into the power supply

MB50 Industrial Rapid Fan Set Up and Operation

- Always position the fan on a firm level surface and do not site the fan close to personnel wearing contact lenses, sensitive to any dust movement, hay-fever suffers etc. The fan moves air only, but minute particles of dust / pollen etc will also be moved, especially on the highest fan setting. So careful location / fan angle / use of speed control will require consideration.
- The body of the fan is held in position via the side-mounted hand wheels. To adjust, slacken the wheels to allow the fan body to be moved. Once the desired angle is reached, ensure the hand-wheels are turned hand tight to prevent movement.
- The air flow from the fan exits from the side with the speed controller on it (the front), the intake side is opposite.
- Plug the unit into the relevant power supply and switch the supply to ON.
- Press the red 'rocker' switch on the front of the unit to ON, which will illuminate
- ALWAYS START THE FAN ON THE HIGHEST SPEED SETTING
- The fan blade should immediately start to turn and the speed can be controlled with the knob on the control panel, turning CLOCKWISE to increase, and ANTI-CLOCKWISE to decrease.
- Do not force the knob past the stop point, **you will** damage the controller

Equipment Care and Storage

- Never use an air mover except for its intended purpose
- Keep the fan unit clean, especially the grill faces. Blow out the grills with compressed air if 'clogged' up
- **Never move the unit whilst it is operating!**
- Switch the unit OFF and unplug from its power supply. Wrap the cable around the storage ears

Troubleshooting

Please find below a troubleshooting guide, which will help should any operating difficulties be experienced with your Industrial Power fan.
Always consult this guide before contacting ourselves, as the majority of reported problems can easily be solved by using this guide.

PROBLEM	LIKELY CAUSE	SOLUTION
Unit fails to operate	Power Failure	1. Check unit is plugged in to the power supply 2. Check plug fuse (230v ONLY) for failure & correct 13amp rating 3. Check speed controller fuse located at the rear of circuit board 4. 110v models, check power supply is suitable for the inductive load 5. Check building ring circuit is not overloaded
Poor Airflow	1. Speed control on low setting 1. Grills dirty 1. Air inlet grills obstructed	1. Turn speed control knob clockwise to increase airflow 2. Blow compressed air through grills to clean 3. Remove obstruction

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