

# **Axial Fan**

## **AF, AF/110, AF/T, AF/T/110**

### **User Instructions**

#### ***Carpet and floor dryers***



**CAUTION - READ THESE INSTRUCTIONS BEFORE USING THE MACHINE**



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5

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# IMPORTANT READ THESE INSTRUCTIONS CAREFULLY AND RETAIN FOR FUTURE REFERENCE

## 1 Product information

These machines are designed for drying carpets, hard floors and other interior areas. They can also be used to ventilate and cool areas. They should not be used in outdoor areas.

The following instructions contain important information about the machines and safety advice for the operator.

Equipment must be operated, serviced and maintained in accordance with the manufacturer's instructions.

**If in doubt contact the supplier of your machine.**

These instructions are valid for the following models.  
Air Mover – AF, AF/110, AF/T, AF/T/110

### 1.1 Important Safety Advice

When using electrical equipment basic safety precautions should be followed including the following.

- Read all instructions carefully before use.
- Use only as described in this manual.
- Only use manufacturer's recommended components and attachments.
- Do not handle plug or appliance with wet hands.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, debris and anything that may reduce airflow.
- Do not cover machine when in use.
- Keep children and unauthorised persons away from the machine when in use.
- **Do not** leave the machine connected to the electricity supply when not in use, always remove the plug from the socket-outlet.
- Switch off the machine before removing the plug.
- When unplugging pull the plug, not the supply cord.
- Do not pull or carry by the supply cord. Do not use cord as a handle, close door on cord or pull cord around sharp edges or corners.
- Keep cord away from heated surfaces.
- **Do not** operate the machine with a damaged supply cord or plug, or after the machine malfunctions or is damaged in any way. Contact an authorised Service Agent for repair or adjustment.
- The plug of the power supply cord must be removed from the socket-outlet before commencing cleaning of the machine or undertaking maintenance operations.
- The power supply cord must be regularly inspected for signs of damage. If the power supply cord is damaged, it has to be replaced.
- **Do not** use where hazardous dust is present.
- **Do not** use near flammable fluids, dusts or vapours.
- **Do not** use in an explosive atmosphere.
- Take care when using a machine near the top of stairs to avoid overbalancing.
- Warning: do not stack dryers more than two units high without tie-downs.

### 1.2 Guidelines for the operator

- Operators must be fully trained in the use of the machine in accordance with these instructions, able to perform user maintenance and the correct selection of accessories.
- Operators should be physically capable to manoeuvre, transport and operate the machines.
- Keep machine clean and in good operating condition.
- Operators should be able to recognise unusual operation of the machine and report any problems.
- Wear suitable footwear to avoid slipping.
- Wear suitable clothing to keep dry and warm.
- **Do not** smoke when using the machine.
- **CAUTION** - For indoor use only. Do not use outdoors or expose to rain.

### 1.3 Transporting the machine

Carry the machine by the handle. AF/T models feature in-built wheels and telescopic handle for easy transport.

**CAUTION - THIS MACHINE IS HEAVY**

Incorrect lifting techniques may result in personal injury.

## 2 Preparing for use

### 2.1 Electrical connection

Before connecting the machine to the power supply, check that your supply voltage corresponds with that marked on the rating label on the machine.

The power supply cord plus any extension leads should not exceed 30m in total. The cross-section of any extension cable wiring must be at least 2,5 mm<sup>2</sup>.

#### UK only

The supply cord for 230v models is fitted with a plug containing a 13 amp fuse. Should the fuse require replacement it must only be replaced by a 13 amp fuse conforming to BS1362, and the fuse cover must be refitted. If the fuse cover is lost the plug must not be used until the correct replacement cover is fitted.

**IMPORTANT** - If the supply cord is damaged, it must only be replaced by a suitable cord available from the manufacturer or an authorised service agent.

**WARNING - THIS APPLIANCE MUST BE EARTHED**

## 3 Controls

The operating switch for all models is located the top of the machine.

- Low speed – move switch to position "I"
- High speed – move switch to position "II"

**WARNING** – Only use accessories or spares specifically designed for use with this appliance. The fitting of other accessories or spares may affect its performance and safety.

## 4 Operation

- Select suitable location for dryer.

**IMPORTANT** – Ensure dryer is in a safe position. Do not sit dryer in a puddle and make sure it is protected from drips and splashes.

- Fully unwind the supply cord from the cable winder and plug into a convenient socket outlet.
- Place the dryer in the desired operating position (see fig 1-5 on p2)
  1. Tilt Back – Tilt the Axial Fan backward on the four curved molded legs at an angle to direct air for elevated drying.
  2. Upright – Set the Axial Fan square with the handle on the top to direct air across a room.
  3. Tilt Forward – Tilt the Axial Fan forward on the “standing legs at an angle to direct airflow along the flow in front of the dryer.
  4. Face Down – Set the Axial Fan on the four curved molded legs with the “standing legs” facing up to direct air straight down.
  5. Power Pitch – place on 3<sup>rd</sup> down angle leg.
  6. Stack for Storage – Axial Fans interlock and stack for easy storage and transport.
- Set the desired speed – low or high.
- Check for proper operation before leaving the unit unattended. Do not move or carry the dryer when it is running.
- To stop the machine turn switch to OFF (position “O”)

## 5 Storage

Always unplug and wipe down and dry the machine after use. Wrap supply cord around the cable winder ensuring that the plug is not trailing on the floor.

Store the machine in a dry indoor area only.

## 6 Maintenance

**WARNING - Before undertaking maintenance operations or adjustments switch off machine and unplug from the electricity supply.**

The machine requires minimum maintenance apart from the following checks by the operator.

- Supply cord - Regularly inspect sheath, plug and cord anchorage for damage or loose connection.
- Body of the machine - Clean with a damp cloth.
- Air vents - Check for dust accumulation around the air inlet and outlet vents and clean if necessary. Blocked vents will cause the motor to overheat, and may lead to premature failure. Warranty claims for this type of damage will not be accepted
- Motor overload cut-out - All machines are fitted with an automatic reset motor overload cut-out. The cut-out will operate to protect the motor from overheating by switching the machine off. Should the cut-out operate it will reset automatically when the motor has cooled sufficiently, usually after 15 - 30 mins.

**IMPORTANT** - Should the machine fail to operate contact Truvox Customer Service Department for rapid attention.

## 7 After sales service

Truvox machines are high quality machines that have been tested for safety by authorised technicians. It is always apparent that after longer working periods, electrical and mechanical components will show signs of wear and tear or ageing.

To maintain operational safety and reliability the following service interval has been defined: Every year or after 250 hours.

Under extreme or specialised conditions and/or insufficient maintenance, shorter maintenance intervals are necessary. Use only original Truvox spare parts. Use of other spare parts will invalidate all warranty and liability claims!

Should you require after sales service please contact the supplier from whom you purchased the machine, who will arrange service. Repairs and servicing of Truvox products should only be performed by trained staff. Improper repairs can cause considerable dangers to the user.

Enquire about the Truvox low cost and efficient Maintenance Contract.

## 8 Guarantee

Your product is guaranteed for one year from the date of original purchase, or hire purchase, against defects in materials or workmanship during manufacture. Within the guarantee period we undertake at our discretion, to repair or replace free of charge to the purchaser, any part found to be defective, subject to the following conditions.

### CONDITIONS

1. Claims made under the terms of the guarantee must be supported by the original invoice/bill of sale issued at the time of sale, or the machine Serial No.
2. For claims under this guarantee contact the supplier from whom you purchased the product who will arrange the appropriate action. Do not initially return the product as this could result in transit damage.
3. Neither Truvox nor its distributor shall be liable for any incidental or consequential loss.
4. This guarantee is governed by the laws of England.
5. This guarantee does not cover any of the following:
  - Periodic maintenance, and repair or replacement of parts due to normal wear and tear.
  - Damage caused by accident, misuse or neglect, or the fitting of other than genuine Truvox parts.
  - Defects in other than genuine Truvox parts, or repairs, modifications or adjustments performed by other than a Truvox service engineer or authorised service agent.
  - Costs and risks of transport relating directly or indirectly to the guarantee of this product.
  - Consumable items such as, brushes, drive discs, filters and vacuum skirts.

This guarantee does not affect your statutory rights, or your rights against the supplier arising from their sales or purchase contract.

Truvox International Limited policy is one of continual product development and we reserve the right to alter specifications without prior notice

## 9 Technical Specification

Model	Product Code	Axial Fan		Axial Fan w/ trolley	
		AF	AF/110	AF/T	AF/T/110
Voltage	v	230	110	230	110
Frequency	Hz	50 / 60	50 / 60	50 / 60	50 / 60
Rated power	W	414	415	414	415
Construction class		Earthed	Earthed	Earthed	Earthed
Protection	IP	IP22	IP22	IP22	IP22
Maximum airflow	m <sup>3</sup> /h	5100	5100	5100	5100
	CFM	3000	3000	3000	3000
Noise level 1	dB(A)	78	78	78	78
Speeds		2	2	2	2
Thermal overload		✓	✓	✓	✓
Telescopic handle/wheels				✓	✓
High visibility mains lead	m	6	6	6	6
Size (h x w x l)	cm	61x48x56	61x48x56	61x58x66	61x58x66
Weight	kg	17	17	18	18
Warranty	years	1	1	1	1

1 - Noise levels measured at a distance of 1 metre from machine and 1,6 metres above floor. Measurements recorded using a hand held meter.

## 10 Fault diagnosis

The following simple checks may be performed by the operator.

Trouble	Reason	Remedy
Machine not working.	- Lack of voltage/electrical supply.	- Check fuse *, supply cord, plug and socket outlet.
	- Axial Fan circuit breaker has tripped	- Reset circuit breaker

\* If the fuse blows several times, the machine should be checked by an authorised Service Agent.

## EC Declaration of conformity

We, Truvox International Ltd.  
Of Third Avenue  
Millbrook Trading Estate  
Southampton SO15 0LE  
England

declare that the machinery

Make: Carpet and floor dryer  
Type : Axial fan  
Model: AF, AF/110, AF/T, AF/T/110

Year of Construction: from 2006


has been manufactured using the following transposed harmonised European Standards and technical specifications.

BS EN 50081-1, BS EN 55014-1 & 2, BS EN 60335-1 and BS EN 60335-2-67,  
and is in conformity with:

- the Machinery Directive 89/392/EEC and subsequent amendments,
- the Low Voltage Directive 73/23/EEC and subsequent amendments,
- and the EMC Directive 89/336/EEC and subsequent amendments.

Signed in : SOUTHAMPTON, England  
on the 1st day of December 2006

Signature :



Name : Malcolm Eneas  
Position : New Product Development Manager

