



Meaco 70Lm dehumidifier Instruction Manual



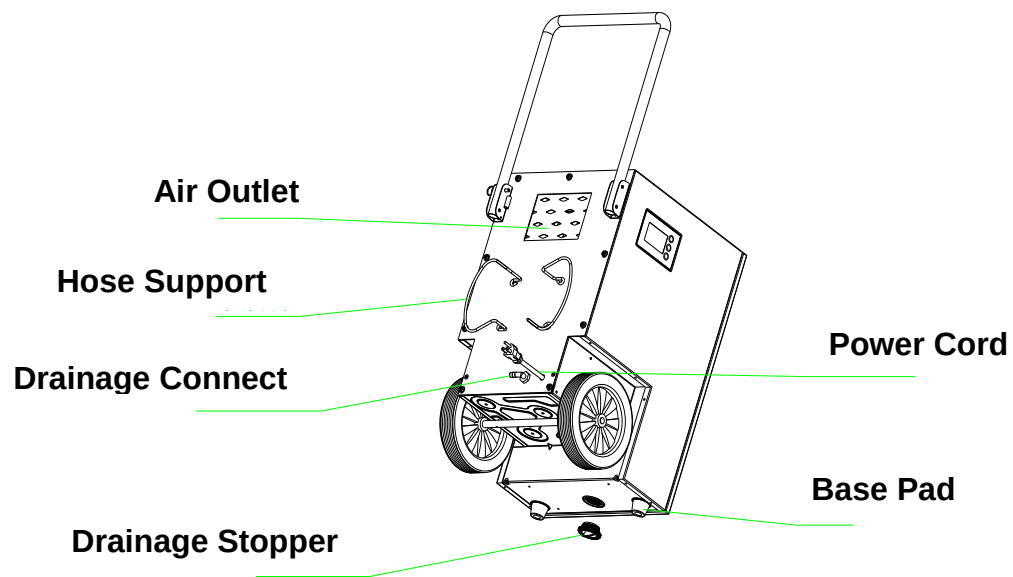
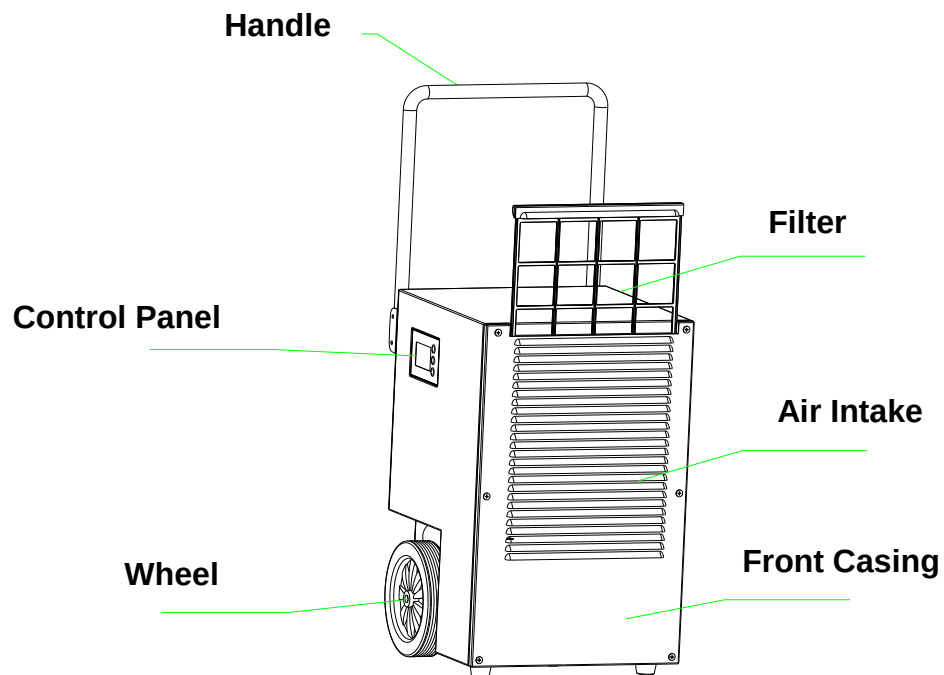
Meaco 70Lm Dehumidifier

Please read this instruction manual before using the dehumidifier and keep
safe for future reference.

Thank you for choosing Meaco, we really appreciate it

Extend your warranty on page 9

PRODUCT DESCRIPTION



SAFETY INSTRUCTIONS

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE OPERATING.

WARNING - This appliance is intended for use in an indoor environment only. Any other use is not recommended by the manufacturer and may cause fire, electrical shocks or other injury to person or property.

When using electrical appliances, basic safety precautions should always be followed:

1. Do not operate the unit with a damaged cord or plug, after it malfunctions or has been dropped or damaged in any way. Return to an authorized service facility for examination and repair.
2. This unit should always be kept in an upright position to avoid any damage. Locate the unit on a flat stable surface.
3. Check the household voltage to ensure it matches the units rated specification before operating.
4. Operate this unit in an ambient temperature between 5°C and 35°C.
5. Ensure that the air inlets and outlets are not blocked or covered.
6. Do not place the unit too close to curtains or other objects - minimum 1 metre.
7. Not for use in wet areas like bathrooms, toilets or swimming pools or within 3m of water.
8. Never place anything on top of the unit and do not cover with any kind of material while in use.
9. This product is intended for indoor use only.
10. To protect against electrical shocks, do not immerse unit, plug or cord in water, or spray with liquids. Never touch with wet hands.
11. Never unplug the dehumidifier without pressing the "ON/OFF" button  first, as this could damage the unit.
12. Always unplug the unit when not in use or moving location. To disconnect from the power supply, grip the plug and pull from the power socket. Never pull by the cord.
13. Always drain the water tank before storing the unit away.
14. Close supervision is necessary when any appliance is used by or near children and pets.
15. Do not run power cord under carpeting, or cover with rugs or runners. Arrange the cord away from areas where it may be tripped over.
16. Never operate or store the unit in direct sunlight.
17. To repair the unit, take it to a Meaco qualified service engineer. Repairs carried out by unqualified people may cause damage to the unit or injury to persons or property and void the warranty.
18. Where possible, avoid the use of an extension cable as they may overheat and cause a risk of fire. Only use an extension cord after ensuring it is in perfect condition.
19. Do not use the unit without the air filter.

BS PLUG WIRING

Wiring Instructions: Should it be necessary to change the plug please note the wires in the mains lead are coloured in accordance with the following code :

BLUE - NEUTRAL

BROWN - LIVE

GREEN AND YELLOW – EARTH

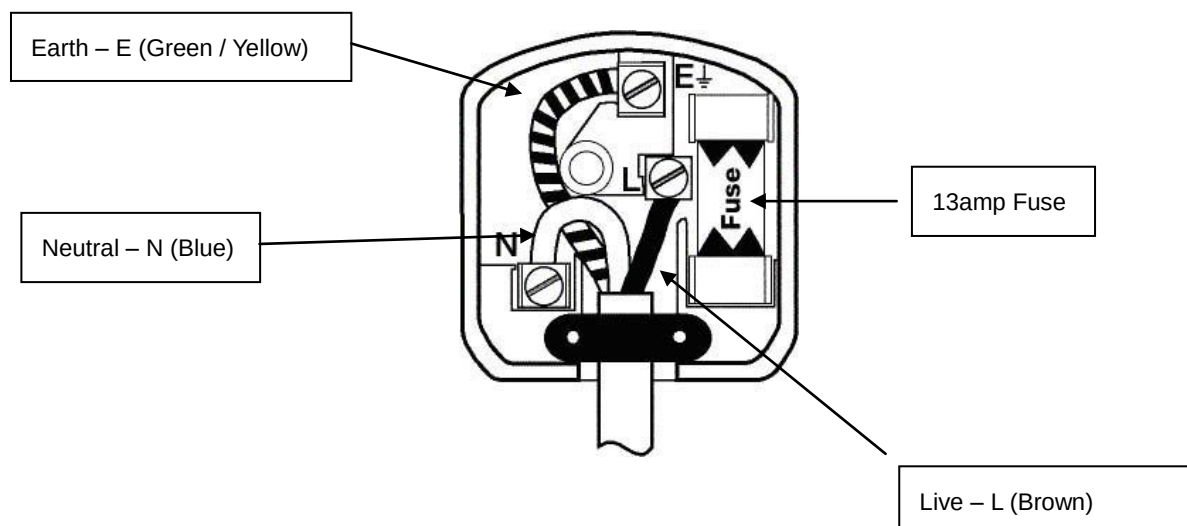
As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

1. The **BLUE** wire is the **NEUTRAL** and must be connected to the terminal which is marked with the letter **N** or coloured **BLACK**.
2. The **BROWN** wire is the **LIVE** and must be connected to the terminal which is marked with the letter **L** or coloured **RED**.
3. The **GREEN/YELLOW** is the **EARTH** and must be connected to the terminal which is marked with the letter **E** or or coloured **GREEN OR GREEN/YELLOW**.
4. Always ensure that the cord grip is positioned and fastened correctly.

If a 5A (BS 1363) fused plug is used it must be fitted with a 5A fuse. If in doubt consult a qualified electrician.

Wiring for a 5Amp Plug (BS1363)

Please note. The Earth Terminal is marked with the letter **E** or Earth Symbol.



THE CONTROL PANEL



On/Off power button.

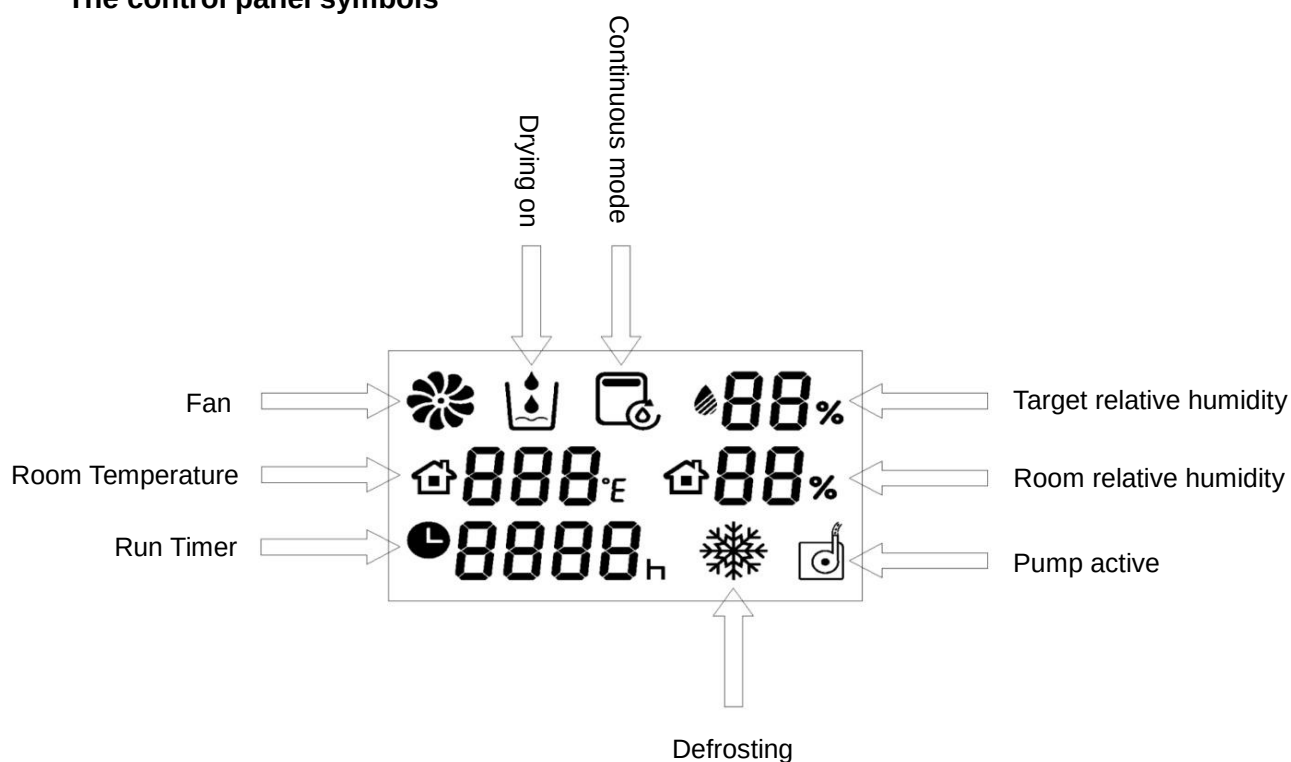


Relative humidity set point button. Press the button to cycle through the different set points - 40%rh/50%rh/60%rh/70%rh/80%rh/Continuous



Press to start the pump manually.

The control panel symbols



DEHUMIDIFIER SETUP AND USE

- Place the dehumidifier in an upright position on a stable, flat surface.
- Please ensure the unit is a safe distance away from a wall or furniture.
- The unit will bleep three times when the power cord is inserted into the socket.
- Run the hose to a drain point no more than 3.5 metres above the height of the drain on the dehumidifier.
- Press the Power button . The dehumidifier will start up in Continuous dehumidification mode.
- Select the Mode that you want to use the dehumidifier in using the  button.
- To turn off press the Power  button again.

Pump Operation

- When the internal tank is full the dehumidifier will automatically turn the pump on for two minutes. When this happens the Pump icon on the LCD will flash. Before you turn the dehumidifier off you can press the Pump button to manually drain the excess water from the internal tank. We recommend doing this before moving the dehumidifier to prevent spillage. Water can also be drained by removing the drainage stopper from the base of the dehumidifier.

Timer Operation

- To reset the Run Timer press and hold the  and  button for 8 seconds.

High and Low temperature protection

- If the air inlet temperature and relative humidity sensor reads $\leq 0^{\circ}\text{C}$ or $\geq 40^{\circ}\text{C}$ then the dehumidifier will stop running and the buzzer will sound three long notes and two short notes. In this situation the buttons will cease to respond when pressed. When the temperature returns to normal please unplug the dehumidifier and then plug it back in again so that it will start to operate normally again.

Compressor Protection

- In common with other dehumidifiers the Meaco 70Lm will not start up its compressor within three minutes of start up.

To operate safely

- Do not insert small objects into the unit or this will damage it and cause a hazard.
- Do not remove the tank when the dehumidifier is running or water may leak.
- Minimum operating condition 5°C at 50%rh relative humidity.



ATTENTION !

- Never use the device with a damaged power cord, plug, cabinet or control panel. Never trap the power cord or allow it to come into contact with sharp edges.
- Failing to follow the instructions may lead to the guarantee becoming void.

CLEANING

Switch the dehumidifier off and remove the plug from the socket before cleaning.

The exterior

Clean the exterior with a soft, dry cloth. If the device is extremely dirty, use a mild cleaning agent. Wipe the dehumidifier with a slightly damp cloth. Never spray the device with water.

The air filter

When used regularly, the filter may become clogged with dust and particles. Therefore the filter should be cleaned every two weeks, more often in dusty environments. Follow these steps:

- Remove the filter.
- Clean the filter with a vacuum cleaner and if necessary with water. Make sure that the filter is dry before you put it back into the dehumidifier.



Never use the device without the air filter.

STORAGE

If the machine will not be used for a long period of time, take the following steps:

1. Remove the plug from the socket and drain the internal tank using the pump and by removing the drainage stopper (see page 2). Allow the dehumidifier to dry completely; this can take a couple of days.
2. Clean the air filter.
3. Store the dehumidifier vertically in a dust-free location away from direct sunlight, preferably covered with a sheet of plastic.

TROUBLESHOOTING

Check the following before contacting technical support:

Problem	Cause	Solution
The unit does not work.	The power is not connected.	Insert the plug into the wall outlet.
The device does not dehumidify.	The drain is blocked.	Check the hose for blockages.
	The air filter is clogged.	Clean the air filter.
	The room temperature is below 0°C or above 40°C	Wait for the temperature to return to normal and then unplug the dehumidifier and plug it back in to reset it.
	The relative humidity in the room where the device is operating is too low.	It is normal that the device does not dehumidify in these conditions.
The dehumidifier works, but reduces the relative humidity insufficiently.	The air volume in the space is too large.	We recommend using a dehumidifier with a greater capacity or buying a second dehumidifier.
	There are too many sources of moisture putting moisture into the air.	Either, buy a second dehumidifier, reduce the amount of moisture being put into the space or accept a longer drying time.
	There is too much ventilation within the space.	Reduce ventilation (e.g. close windows and shut doors.)
	The air filter is blocked and the reduce air flow is effecting performance.	Clean the air filter.
Dehumidifier is blowing out warm air.	The dried air is past over heating coils before it is blown into the room as part of the dehumidification process.	This is normal, a dehumidifier is not an air cooler.
The dehumidifier is noisy.	The air filter is blocked or the unit is on an uneven surface.	Clean the filter and or put the dehumidifier on a flat surface. A dehumidifier will also be noisier on wooden floors than on carpet.
The buttons do not work.	The ambient temperature is below zero or above 40°C.	If the temperature is not above or below these limits then call Meaco because the NTC is faulty.

CONDITIONS OF WARRANTY

There is a one year warranty on your dehumidifier from the date of purchase.

All material or manufacturing defects will be repaired free of charge.

The following applies:

- Any repairs or replacement of components during the warranty period will not result in an extension of the warranty period.
- The warranty will expire if any alterations have been made, not genuine components have been fitted or if the dehumidifier has been repaired by a third party.
- Components subject to normal wear and tear, such as the air filter, are not covered by the warranty.
- The warranty is only valid on presentation of the original, unaltered, and date-stamped purchase receipt.
- The warranty does not cover damage caused by actions that deviate from those as described in the user's manual or by neglect.
- The warranty will become invalid if any fault is found to be the result of a buildup of dirt and insufficient cleaning of the filter.
- All claims for compensation, including consequential damage, will not be entertained.

To prevent unnecessary expenses, we recommend that you always carefully read the user's manual first. If this does not provide a solution, take the dehumidifier to your distributor for repair.

This appliance is not intended for use by person (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

You can extend your warranty from the standard one year up to a maximum of five years at any time in the first year of ownership by visiting <http://www.meaco.com/proddetail.asp?prod=Extwarranty>. If you have trouble in using this link then go to www.meaco.com and you will find the extended warranty under Dehumidifiers.

TECHNICAL SPECIFICATIONS

Model	Meaco 70Lm dehumidifier
Power consumption	550 - 1150 Watts
Power supply	220-240V / 50Hz
Dehumidifying capacity	70 litres / day (at 30°C, 80%RH)
Capacity water container	n/a, pump drain only – 3.5m height
Air flow (nominal)	480 m ³ / h
Operating range	5 – 35°C
Automatic defrost	Yes, hot gas defrost
Refrigerant type / charge	R410a /440g
Dimensions (w x d x h)	631 x 440 x 460mm
Net weight	43.5kgs



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



CUSTOMER SERVICE

This dehumidifier has been supplied by:

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Johannesburg

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