



## OPERATING INSTRUCTIONS FOR:

### MDK11 MDK13



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Register and follow the  
instructions at [warranty-woods.com](http://warranty-woods.com)**

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<b>SE</b>	<i>Bruksanvisning</i>	<b>PL</b>	<i>Instrukcja obsługi</i>
<b>NO</b>	<i>Bruksanvisning</i>	<b>RO</b>	<i>Manual utilizare</i>
<b>DK</b>	<i>Betjeningsvejledning</i>	<b>FI</b>	<i>Käyttöohjeet</i>
<b>DE</b>	<i>Bedienungsanleitung</i>	<b>LT</b>	<i>Naudojimosi instrukcija</i>
<b>FR</b>	<i>Guide d'instructions</i>	<b>LV</b>	<i>Lietošanas instrukcija</i>
<b>ES</b>	<i>Manual de instrucciones</i>	<b>EE</b>	<i>Kasutusjuhend</i>

Visit our website [woods.se](http://woods.se) for:  
Usage advice, updated brochures, trouble shooter and service information.  
Register your product for additional services: [www.warranty-woods.com](http://www.warranty-woods.com)

*CUSTOMER CARE AND SERVICE*

*Always use original spare parts.*

*When contacting our Authorised Service Centre,  
ensure that you have the following data available:*

*Model number, receipt and serial number.*

*Warning / Caution-Safety information.*

*General information and tips.*

*Environmental information.*

*Subject to change without notice.*

*Please read this manual carefully before installing and using your Wood's product.  
Store the manual in a safe place for future reference and product warranty.*



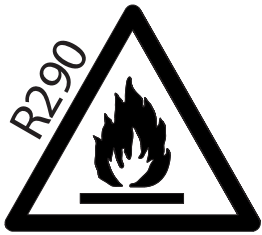
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Flammable material. This appliance contains R290/Propane a flammable refrigerant. Refer to this manual for safety information. R290 refrigerant gas complies with European environmental directives. Do not pierce or burn. Maintenance and repairs requiring the assistance of other qualified personnel must be carried out under the supervision of specialists in the use of inflammable refrigerants.



Refer to this manual for safety information



Read technical manual



Read operators manual.

#### SAFETY INFORMATION

Before the installation and use of the appliance, carefully read the supplied instructions. The manufacturer is not responsible if an incorrect installation and use that causes injuries and damages. Always keep the instructions with the appliance for future reference.

#### Children and vulnerable people safety

##### WARNING

Risk of injury or permanent

disability.

This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Do not let children play with the appliance.

Children of less than 3 years should be kept away unless continuously supervised. Keep all packaging away from children.

Cleaning and user maintenance shall not be made by children without supervision.

#### General Safety

This appliance is intended to be used in household and similar applications such as: – bathrooms, staff kitchen areas in shops, offices and other working environments. The rating plate is located at the back or the side of the dehumidifier. Keep ventilation openings clear of obstruction.

Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

The appliance shall not be stored in a room with continuously operating ignition sources (for example; open flames, an operating gas appliance or an

operation electric heater. Do not pierce or burn.

Be aware that refrigerants may not contain an odour. Do not use water spray and steam to clean the appliance. Clean the appliance with a moist soft cloth. Only use neutral detergents. Do not use abrasive products, abrasive cleaning pads, solvents or metal objects.

If the supply cord is damaged, it must be replaced by the manufacturer, its Authorised Service Centre or similarly qualified persons in order to avoid a hazard.

#### SAFETY INSTRUCTIONS

##### Installation

##### WARNING


Only a qualified person must install this appliance. Remove all the packaging. Do not install or use a damaged appliance. The appliance shall be installed, operated and stored in a room with a floor area larger than 4m<sup>2</sup>. Obey the installation instruction supplied with the appliance. Always be careful when you move the appliance because it is heavy. Always wear safety gloves.

Make sure the air can circulate around the appliance. Wait at least 4 hours before connecting the appliance to the power supply. This is to allow the oil to flow back in the compressor.

Do not install the appliance close to radiators or other heat sources.


Do not install the appliance where there is direct sunlight. This device is only for indoor use. Ensure that the unit is placed on a stable and flat surface. If the surface is not stable there is a risk that the unit may be unstable and cause excessive vibration and that water will be released

### Electrical connection

**WARNING**   
Risk of fire and electrical shock. The appliance must be connected to a grounded outlet. Make sure that the electrical information on the rating plate matches the power supply. If not, contact an electrician. Always use a correctly installed shockproof socket. Do not use multi-plug adapters and extension cables. Make sure not to cause damage to the electrical components (e.g. mains plug, mains cable). Contact the Authorised Service Centre or an electrician to change the electrical components. The mains cable must stay below the level of the mains plug. Connect the mains plug to the mains socket only at the end of the installation. Make sure that there is access to the mains plug after the installation. Do not pull the mains cable to disconnect the appliance.

Always pull at the mains plug.

Use

**WARNING**   
Risk of injury, burns, electrical shock or fire.


Do not change the specification of this appliance.

Be careful not to cause damage to the refrigerant circuit. It contains propane (R290), a natural gas with a high level of environmental compatibility. This gas is flammable.

If damage occurs to the refrigerant circuit, make sure that there are no flames and sources of ignition in the room. Ventilate the room.

Do not put flammable products or items that are wet with flammable products near or on the appliance.

### Disposal

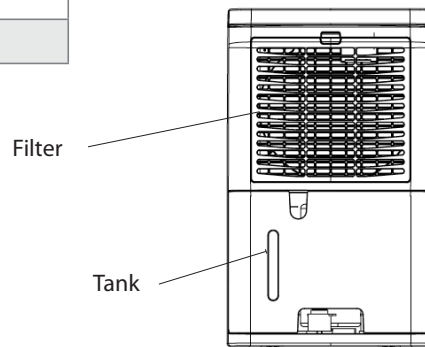
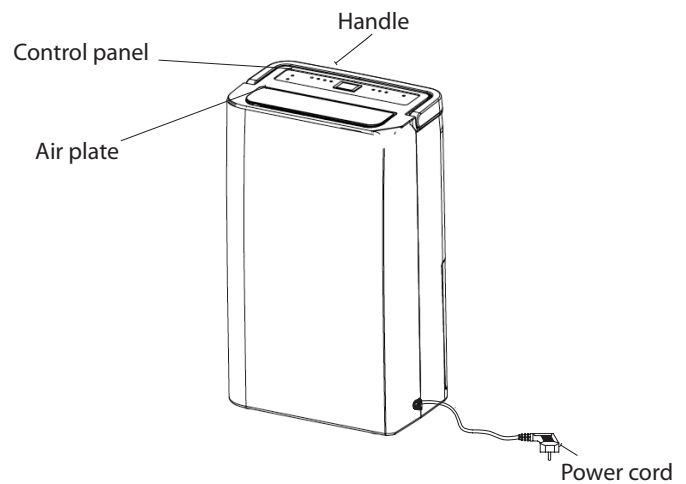
**WARNING**   
Risk of injury. Disconnect the appliance from the mains supply. Cut off the mains cable and discard it. The refrigerant circuit of this appliance is ozone-friendly. Contact your municipal authority for information on how to discard the appliance correctly. Do not cause damage to the part of the cooling unit that is near the heat exchanger. Always see to that the

appliance is kept clean. Do not cover the unit.

## TECHNICAL DATA

	MDK11	MDK13
Max. working area	50m <sup>2</sup>	60m <sup>2</sup>
Air flow	77m <sup>3</sup> /h	90m <sup>3</sup> /h
Dehumidifying at 30°C and 80% r.h.	10 L / 24 H	12 L / 24 H
Power at 30°C and 80% r.h.	210 W	200 W
Tank volume	1,8 liters	1,8 liters
Refrigerant	R290 (55g)	R290 (60g)
Voltage	230V	230V
Frequency	50Hz	50Hz
Current	0,95A	0,9A
IP Codet	IP22	IP22
Dimensions in mm, LxWxH	290x190x478	290x190x478

\*Technical changes and improvements may occur. All values are approximate and may vary due to external circumstances such as temperature, ventilation and humidity.



PROBLEM	CAUSE	SOLUTION
Dehumidifier does not work	The power is not connected	<ul style="list-style-type: none"> <li>- Check that dehumidifier is connected to electricity and that fuse has not gone</li> <li>- Check that the water reservoir is empty and correctly placed in the dehumidifier.</li> </ul>
Does not dehumidify	<ul style="list-style-type: none"> <li>-The water container is full.</li> <li>-The water container has not been replaced correctly.</li> <li>-The air filter is clogged.</li> <li>The temperature or relative humidity in the room where the device is operating is too low.</li> </ul>	<ul style="list-style-type: none"> <li>- Remove the water from the container.</li> <li>- Place the water container in the correct position.</li> <li>- Clean the air filter.</li> <li>- Check that air can flow freely through the dehumidifier. Front grid and air filter should be clean and dehumidifier should stand 20-30cm from wall</li> <li>- Check that a thick coating of ice has not formed on the cooling coils.</li> </ul>
The dehumidifier works, but reduces the relative humidity insufficiently.	<ul style="list-style-type: none"> <li>-The room is too large.</li> <li>-There are too many sources of humidity.</li> <li>-There is too much ventilation.</li> </ul>	<ul style="list-style-type: none"> <li>- We recommend using a dehumidifier with a greater capacity.</li> <li>- We recommend using a dehumidifier with a greater capacity.</li> <li>- Reduce ventilation (e.g close windows and shut doors.)</li> </ul>

**If none of the above works, you should contact your nearest retailer for checking and possible overhaul of dehumidifier**

## WOOD'S, ONE OF THE WORLD'S LEADING DEHUMIDIFIERS

Wood's dehumidifier have been known as market leaders for many years. Wood's dehumidifiers are suitable for use in the most demanding climates, where dehumidifying capacity is good even at different temperatures and humidity levels. They are used with good results in premises that become damp such as cellars, garages or summer house. They are also excellent for drying washing, attics, pool rooms and laundry. Being efficient and low on energy consumption. Does not wear out clothes.

The amount of humidity that the dehumidifier removes depends on the temperature, humidity level and placement. External weather conditions may also affect the performance of the dehumidifier. In cold weather the absolute humidity decreases and thus the extraction of humidity from the air by the dehumidifier is reduced. (The relative humidity might still be on a high level.) Wood's dehumidifiers are safe in operation and intended for use over many years.

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## EXCESSIVE AIR HUMIDITY – A DANGER

Condensation occurs when water vapour in the air comes into contact with a cold surface such as cold window or wall. When water vapour is cooled down, condensation occurs, and water-drops are formed. In high air humidity, the air may get musty and mould might get formed, causing damage to a house and its furnishings. This environment may even cause illness for the residents. Mites and spiders also thrive in a damp environment. A dehumidifier with high performance creates a good, healthy humidity level. For greatest efficiency the doors and windows of rooms that are being dehumidified should be kept closed. Removes odours, dries wood and removes moisture from outdoors equipment.

A dehumidifier may be used in cellars, washrooms, garages, crawl spaces, caravans, summer-houses and on boats. If the humidifier is kept in colder environments, you should study the Hints at the end of the manual.

## PLACEMENT OF DEHUMIDIFIER

Wood's dehumidifiers are easy to move around, all you need to have is a power source for 220/240V, but bear in mind the following:

- *The dehumidifier should not be placed near radiators or other heat sources or exposed to direct sunlight, as it will reduce performance.*
- *It is beneficial to use a radiator or heating fan to keep the temperature above +5°C.*
- *The dehumidifier should stand at least 20-30cm from a wall or other obstruction, for maximum air flow.*
- *Ideal is to put it in the center of the room / area.*



**NOTE:** When placed in a shower or bathing area, the dehumidifier should be fixed in place. It is compulsory to check and respect your local bathroom electrical regulations before use.

## USING THE DEHUMIDIFIER

If the dehumidifier is transported horizontally, oil may have run out of the compressor and into the closed piping system. In such a case, let the dehumidifier stand for a few hours before being used. It is very important that the oil runs back into the compressor, otherwise the dehumidifier may be seriously damaged.

1. *Check that the water reservoir is correctly placed.*
2. *Connect the dehumidifier to an grounded power source.*
3. *Set the desired humidity level by means of the humidity control. See the section on the humidity control.*

## TANK FULL

When the float reaches a certain height, the dehumidifier responds to this and shuts down automatically to prevent flooding of the tank.

When you have emptied the water reservoir and are to replace it in the dehumidifier. Push the water reservoir in until it is in place.

## HUMIDITY CONTROL

Wood's dehumidifier is fitted with a built in humidity control, which is set to the desired level of humidity. The control registers the current level of humidity and ensures that the dehumidifier is turned on and off automatically.



**NOTE:** The ambient relative humidity is most simply measured with a Wood's hygrometer, and the most suitable range is between 50% and 60%.

## SHUTTING OFF AUTOMATICALLY

When the water reservoir is full, the dehumidifier is shut off automatically. The indicator light at the front of the dehumidifier will switch to red to show when the water reservoir should be emptied.

1. *Disconnect the dehumidifier from the power source.*
2. *Empty the water reservoir.*
3. *Put the empty water reservoir back.*
4. *Connect the dehumidifier to the power source.*

## THE AIR FILTER

The air filter at the rear of the dehumidifier ensures that the cooling coils are kept free from dust. It is important that the filter is kept clean so that air can flow freely through the dehumidifier. The filter should thus be cleaned when required.

## AUTOMATIC DEFROSTING

Wood's dehumidifiers are fitted with a control unit which ensures that the cooling coils are defrosted automatically when needed. The control shuts down the compressor, which causes the cooling of the coils to stop. The fan continues to draw the air at room temperature through the dehumidifier and thus melts the ice, and the water runs down into the reservoir. This defrosting system means that the dehumidifier works at temperatures as low as +5°C.

## FAN

The fan ensures that air flows through the dehumidifier. Moist air is sucked in from the rear and goes via the cooling coil and the vaporizer to come out dry and warm at the top of the dehumidifier.

## CLEANING AND MAINTENANCE

Wood's dehumidifiers require cleaning of filter, to maintain their high dehumidifying capacity.

- The cooling coils are best cleaned with a rag and warm water-be careful
- The fan motor is permanently lubricated and requires no maintenance.



**NOTE:** Always disconnect the cord before cleaning.

## HINTS:

- Sometimes it may be useful to use a frost guard or heater fan to make sure that the temperature does not fall below +5°C.
- For maximum dehumidifying power in a room, it is recommended that the air supply from outside and from adjoining rooms is minimized – close doors and ventilators.
- Put in the center of the room
- Increase temperature. for faster

dehumidification

(warm air carries more water.)

- Use frost guard if temperature falls below +5°C
- Higher dehumidification in autumn / summer because outside air is warm and humid. (Absolute humidity is normally higher).

## WHEN THE DEHUMIDIFIER REQUIRES SERVICING

If the dehumidifier requires servicing, you must first contact the retailer. Proof of purchase is required for all guarantee claims.

## GUARANTEES

2 year's guarantee against faults in manufacture. Note that the guarantee is only valid with receipts from purchase of machine.



**NOTE!** Get a 3-years warranty!  
Register at [warranty-woods.com](http://warranty-woods.com)  
Please visit [woods.se](http://woods.se) for more information

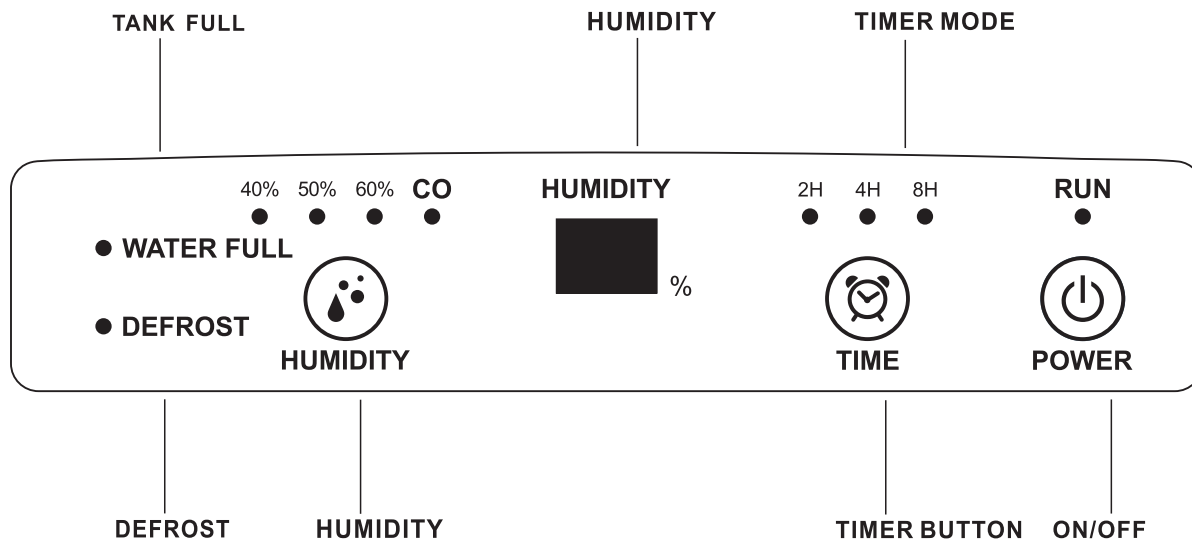
## Recommended limits for use

Temp. MDK11/MDK13 +5°C to +35°C  
Relative humidity: 30% to 90%  
Recommended humidity level: appr. 50% RH

**IMPORTANT!** - Wood's dehumidifiers must be connected to an grounded power source. The power source could be 220V-240V 50Hz

We reserve the right for any errors, or product changes. For changes and updates visit [woods.se](http://woods.se)





## OPERATION

1. Plug into power socket and then press the "ON/OFF" button to turn on the unit. The machine start up automatically and the unit is in the status of constant dehumidifying.

2. Press the "HUMIDITY" to set desired humidity 40%»50%»60%»CO . CO indicates as continuous dehumidifying, which unit will keeps dehumidifying without affected by ambient humidity.

The compressor will stop automatically when reached humidity setting.

Note: Once humidity reaches target setting, both compressor and fan will stops operating for an hour. An hour later, fan will operates 3 minutes for air circulation. If ambient humidity is higher than target setting, unit will starts dehumidifying.

If ambient humidity is lower than target setting, compressor and fan will stops another one hour.

3. Press "TIMER" to set the working hour of units 2h»4h»8h»No timer.

4. Press the ""ON/OFF" button to turn on the unit."

## WATER FULL

When the water container is full, an alarm signal will be produced.- the compressor will stop automatically, this will also stop the dehumidification process.

Empty the water container and replace it in the correct position, the dehumidifier

will continue dehumidifying when the compressor, automatically, starts after five minutes. (See compressor protection function)

## COMPRESSOR PROTECTION FUNCTION

The unit is equipped with compressor protection function—that is, compressor has five minutes period between starts operation and shut down.

## WATER DRAINAGE

If desired, it possible to connect the drainage tube (Optional) to the device for permanent water drainage. Simply connect a drainage hose to the drain spout and ensure that the end of the hose is lower than the drain opening, otherwise the water will not drain and flooding may occur.

## DEFROSTING

When the machine is in the environment of low temperature during operation, the surface of the evaporator may frost, in order to ensure the normal operation of the machine, machine is provided with an automatic defrosting function.

## MEMORIZE FUNCTION

Unit will memorize previous setting when power plug is connected.  
Unit will operates in default setting

when unit is turned off and power plug is disconnected.

## AUTOMATIC RESTART AFTER POWER FAILURE

Unit will automatically turn on and operates in last setting after power returns.

## MAINTENANCE AND CLEANING

For its casing is made of plastic, do not place it in direct sunlight.

Remove the water tank with care. If not using the unit for a long time. Please Switch off and unplug the unit, empty the water reservoir, keep it in dry and ventilated place. Only use a soft clean cloth for all cleaning purpose. Do not use gasoline, paint thinner or other chemicals to clean the unit.

Cleaning mesh filter: Remove the filter use a vacuum cleaner or water to clean, then put it in ventilated place until it's dry.