



MAXVAC

INDUSTRIAL DEHUMIDIFIER DH45/70



INSTRUCTION
MANUAL



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Carefully read these instructions before use and keep them safely after reading for later reference.

INSTRUCTION MANUAL

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Dear customer,

Thank you for choosing a Industrial Dehumidifier DH45/70 made by MAXVAC.

The DH45/70 from MAXVAC has been manufactured with the greatest care, and we hope that you will be happy with the DH45/70 you have just purchased. However, if it does not fully comply with your expectations, please contact your supplier.

The MAXVAC brand was born in Switzerland to provide maximum performance equipment to deal with dust management and provide environmental cleaning solutions.

The MAXVAC team is passionate about providing the most environmentally and ecologically acceptable cleaning solutions to promote clean and healthy environments in the home town and workplace.

The DH45/70 was specifically designed for the industry.

We are committed to continuous effective improvement in the battle against fine dust.

For more information on our range, please visit www.max-vac.com



CONGRATULATIONS

Congratulations on your purchase, you have obtained a state-of-the-art industrial dehumidifier system. Only the finest materials surround the finest dehumidifier technology. We hope that you will enjoy your purchase for years to come.

Read ALL instructions carefully before using this product.

FOR YOUR RECORDS

Please record the model and serial number below, for easy reference, in case of loss or theft. These numbers are located on the back panel of your dehumidifier unit. Space is also provided for other relevant information.

Model number

Serial Number

Date of Purchase

Purchased From

This product conforms to applicable CE requirements and the dehumidifying effect has been confirmed by the international professional testing agency.



WARNING

Please read the operating instructions carefully before using the device for the first time and observe the safety instructions to avoid damage due to incorrect or improper operation as well as impermissible ambient conditions. Keep them in a safe place for future reference.

Check the device for damage after removing the packaging. If you suspect damage, do not put the device into operation and contact a specialist. The recyclable packaging material must not be kept or disposed of in a way that is accessible to small children, but must be disposed of properly.

This device may only be used for the purpose for which it was expressly designed.

Any other use is to be considered improper and consequently dangerous. The supplier is not liable for any personal injury and/or damage to property resulting from improper or incorrect use.

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. Children are not allowed to play with the appliance. Do not allow children to perform cleaning and user-side maintenance without supervision. **Please make sure that you place the device on a suitable and insensitive surface so that leaking liquids cannot cause any damage.**

Repairs to electrical equipment may only be carried out by qualified personnel. Improperly performed repairs and modifications to the equipment may result in dangerous consequences for the user, whereupon warranty claims will be rejected.

Specific information on units with R290 refrigerant gas:

Read all warnings carefully.

- The appliance must be placed in a place where there are no sources of ignition during continuous operation (e.g. open flames, gas or electrical appliances in operation).
- Do not pierce or burn the appliance.
- R290 is a refrigerant gas that complies with European environmental directives. Do not pierce any part of the refrigerant circuit.



SAFETY PRECAUTIONS

Do not connect the device to a defective or improperly installed socket.

1. The device:
 - Do not place near sources of fire.
 - Do not install in areas where there is a risk of oil splashing.
 - Do not place in direct sunlight.
 - Do not install in areas where there is a risk of water splashing.
 - Do not use the unit near a bathtub, shower or water source.
2. Always transport or store the unit in an upright position to ensure that the compressor is operating properly.
3. Before moving the unit, always turn off and unplug the unit. Move the unit slowly.
4. Do not cover the unit, Caution: Fire hazard!
5. The sockets used must comply with the respective country-specific electrical safety standards. If necessary, please check them accordingly.
6. Children must be supervised to ensure that they do not play with the device.
7. If the power cord is damaged, it must be replaced by the manufacturer, customer service or other qualified personnel.
8. The appliance can be used by children aged from 8 years and above, by physically or mentally handicapped persons and by inexperienced persons, provided that they have been given supervision or instruction concerning use of the appliance and understand the hazards involved. Children are not allowed to play with the device. Cleaning and maintenance must not be carried out by children without supervision.
9. The device must be used in compliance with the regulations for the installation of electrical devices typical for the country.
10. Type and nominal size of fuses: T, 250V AC, 2A.



SAFETY PRECAUTIONS

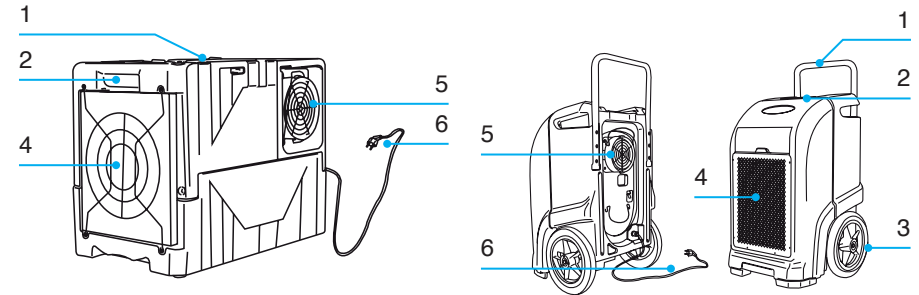
11. To protect the environment and health, dispose of this device responsibly and properly through the designated collection points for the sustainable reuse of resources or contact the vendor from whom you purchased the device. The vendor will take back the device and dispose of it properly.
12. In the event of a defect or for maintenance purposes, please contact an appropriately authorized customer service.
13. Do not pull on the power cord, modify or bend the cord, or immerse it in water. Pulling on the cable or similar may cause damage to the device and possibly electric shock.
14. National gas regulations must be observed.
15. Ventilation openings must be unobstructed.
16. Any person who works with refrigerants or opens the refrigerant circuit must provide proof of certification issued by the relevant industry association, certifying that he or she is permitted to handle refrigerants safely in accordance with the applicable regulations of the industry association.
17. Maintenance work may only be carried out in accordance with the manufacturer's recommendations. Maintenance and repair work requiring the assistance of a qualified second person may only be carried out under the supervision of a person trained in the handling of flammable refrigerants.
18. Do not start the unit by plugging in the power cord or interrupt operation by unplugging the cord. Caution: Risk of electric shock or fire due to heat generation!
19. In case of unusual noises, odor or smoke development, switch off the device immediately and disconnect it from the mains.

SPECIFICATION

Model	DH45	DH70
Power [W]	460	750
Refrigerant	R290	R290
Dehumidification [l/24h]	45	70
Dimensions [cm] b x h x t	43 x 81 x 54	55 x 100 x 57
Weight [kg]	26	42.5



UNIT COMPONENTS



DH45

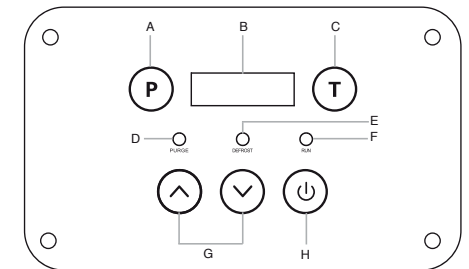
DH70

- 1 Metal-Handle
- 2 Controlpanel
- 3 Wheels
- 4 Air inlet
- 5 Air outlet
- 6 Cable

Rest the the device upright for at least 24 hours before plugging it in and using it!

CONTROL PANEL

- A Purge button
- B Display
- C Operating time
- D Purge indicator
- E Defrost indicator
- F Operating indicator
- G Up and Down dials
- H On / Off button





OPERATION



On / Off

Press this button to turn the device either on or off.



Pump

The device is fitted with an automatic water-pump to transport condensed water. The pump works automatically during operation and a short time after turning it off.

With this button you can activate the pump manually. Use this function before storing or moving the device to prevent spillage.



Set Humidity

With these buttons you can set the desired humidity from 26 to 90%. If the ambient humidity is already below 26%, „CO„ is displayed on the display. The user defined percentage is displayed left while the current ambient humidity is displayed on the right.



Operating Time

Press on the button once to show the current operating time. Press again to show the total operating time.

If you press the button while the device is not operating, the last recorded time will be displayed instead.

Press the button for 5 seconds to reset the timer. The value will always be added to the total operating time.

The total operating time can not be deleted.



Defrosting

The unit has an automatic defrost cycle to prevent internal parts from freezing. When defrosting is active, the defrost indicator (E) lights up.

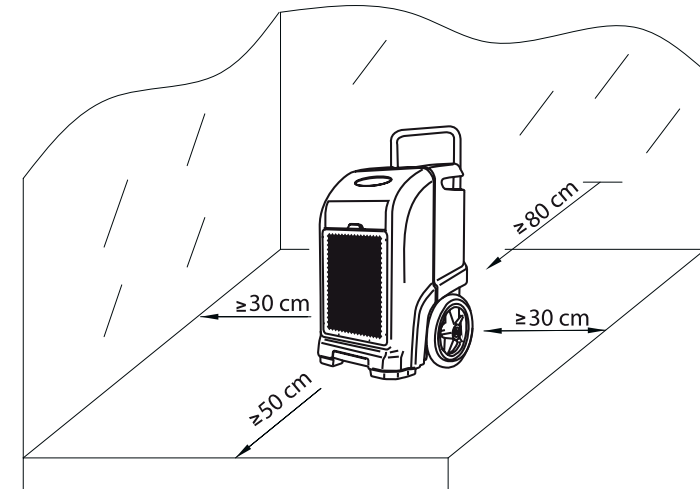


Lock Controls

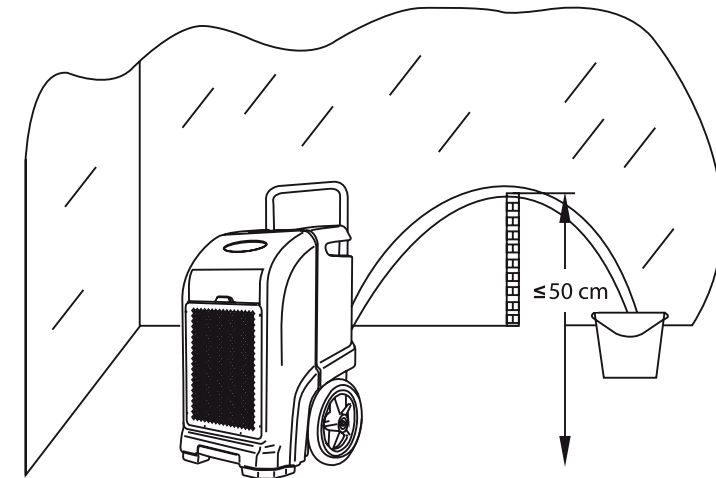
Press the P and T button simultaneously for 2 seconds to lock all buttons and the display. Repeat same procedure to unlock again.



PLACEMENT



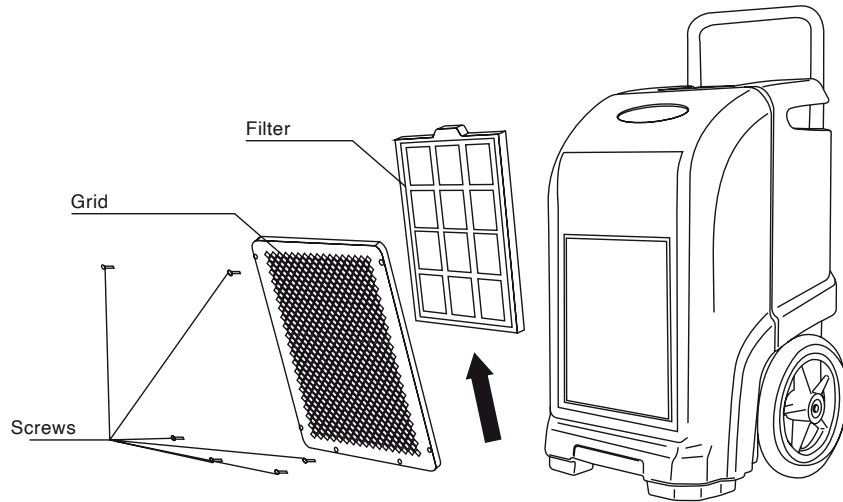
Place the device at a sufficient safety distance from walls, objects or other sources of heat and interference.



The wastewater hose must not be placed higher than 50 cm from the floor, otherwise a backwater may occur.



FILTER CLEANING



The air filter should be cleaned every two weeks or at regular intervals, depending on the air pollution.

1. Remove the screws that hold the grid in place.
2. Remove the grid and filter.
3. Clean both parts with a vacuum cleaner. If possible, use the nozzle attachment.
4. If the filter is very dirty, you can clean it with lukewarm water and diluted detergent.
5. Let the parts dry completely before reassembly.



TROUBLESHOOTING

Problem	Cause	Solution
Device not working	No power	Check the cable, socket and power fuses.
	Error-Code	Check the code
Not enough dehumidification	Insufficient operating time	Allow the device to operate longer
	Filter blocked/dirty	Clean the filter
	Ambient temperature too low	Heat up the room
	Waterhose blocked	Check the hose and its positioning.
Total operating time reset	The display cannot go beyond a certain hour and has to reset.	Write down the operating time on the device or in the manual.
Error-Codes	E1: Thermostat error E2: Hygrostat error E3: Compressor / Cooling system error	Contact your supplier or a certified technician
	E4: Pump error	Check the hose and its positioning or contact your supplier or a certified technician



CLEANING, CARE AND MAINTENANCE

Storage

Before storing the device, remove any condensation in the device. Use the pump function to do this.

Store the unit upright in a dry and cool place.

Cleaning

Clean coated surfaces with a soft, damp cloth. Never clean the unit with flammable or corrosive cleaners.

Make sure that the filter is cleaned regularly.

Maintenance

Perform an inspection after a longer period of non-use. If there is damage to the technology, do not use the device and contact customer service.

Disposal

Please remove the heater properly. You can bring the product to any specialist dealer for the removal.

Technical changes

Technical changes in technique and design are possible.

WARRANTY

All products are checked from our company before the delivery. In case that there is a lack on your product, please contact the vendor. Please bring your proof of purchase for guarantees. Please save the packaging materials of the unit.



EU - DECLARATION OF CONFORMITY

This device complies with the following standards

LVD EN 62233:2008

EN 60335-2-80:2003 + A1:2004 + A2:2009
EN 60335-2-40:2003 + A11:2004 + A12:2005 + A1:2006 + Cor.:2006
+ A2:2009 + Cor.:2010 + A13:2012 + A13:2012/AC:2013

EMC

EN 55014-1:2017
EN 55014-2:2015
EN IEC 61000-3-2:2019
EN 61000-3-3:2013 + A1:2019

LVD

2014/35/EU

EMC

2014/30/EU

RoHS

2015/863



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