

Haier DEHUMIDIFIER

804104618

DE45EK
DE65EK
DE45EK-T
DE45EK-L
DE65EK-L
DE45M
DE45EM
DE65EM

USE CARE GUIDE

Please read these instructions completely before operating this product.

*The "DE" Series models: (Features will vary by model) Some models may have an additional letter after the model number.

YOUR SAFETY IS IMPORTANT TO US.

PLEASE READ INSTRUCTIONS CAREFULLY BEFORE OPERATING DEHUMIDIFIER

Always take these basic precautions:

This dehumidifier must be properly installed and grounded as described in this manual.

Never operate this dehumidifier in an area that is likely to accumulate standing water. If this situation develops, disconnect the power supply before touching, stepping into, or attempting to clean up the water.

Repair and replace immediately all electric service cords that have become frayed or otherwise damaged. DO NOT use a power cord that shows signs of damage anywhere along its length, at the plug, or where it is connected to the appliance.

Always unplug dehumidifier before servicing or moving the unit.

BEFORE USING YOUR DEHUMIDIFIER

Please read this manual carefully. It contains instructions to help you use, maintain, and get the most use out of your dehumidifier.

Electrical Safety

Grounding

This dehumidifier must be grounded to reduce the risk of electric shock by providing an escape wire for the electric current. This dehumidifier has a power cord with a grounding wire and a grounded 3-prong plug.

ONLY PLUG INTO AN OUTLET THAT IS PROPERLY INSTALLED AND GROUNDED.

DO NOT, under any circumstances, cut or remove the third (ground) prong from the power cord.

Power Supply Cord Wiring Requirements

115 Volt (103.5 min. – 126.5 max)

15 amp time-delay fuse or circuit breaker

Adapter plug is not recommended... however...

Since most 2-prong outlets are not grounded, we strongly advise against using an adapter plug.

HOWEVER, a temporary connection may be made where local codes permit if the 2-prong wall outlet is properly grounded.

FOR SAFETY REASONS, make sure the larger prong of the adapter goes into the large slot.

FOR PROPER GROUNDING

Ground the adapter to the outlet by using the outlet cover screw to secure the ground terminal to the outlet box.

Be absolutely certain that the outlet is grounded through the house wiring. DO NOT USE the dehumidifier until a proper ground has been made.

WARNING

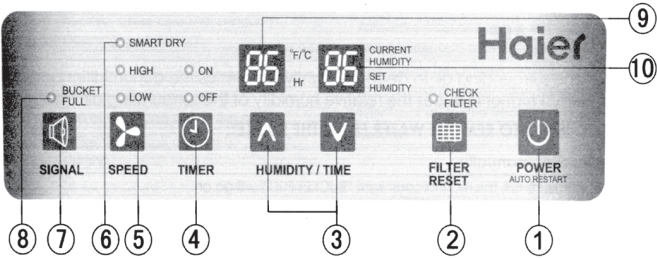


Improper use of the grounding plug can result in the risk of an electric shock, injury, fire, or death. Call a qualified electrician if you do not understand the grounding instructions, or if you are not sure if the dehumidifier is properly grounded. If the wall outlet is not grounded, please contact a professional electrician to have it replaced with a properly grounded outlet.

Extension Cord

If an extension cord is required to reach the nearest wall receptacle, use only a UL-listed, 3-wire, grounding type, 16 AWG, 15A, 125V appliance extension cord. NO OTHER EXTENSION CORD IS PERMITTED.

FAMILIARIZE YOURSELF WITH THE CONTROLS ON YOUR DEHUMIDIFIER.



NOTE: The image shown here is for illustrative purposes only and may be subject to change. The actual descriptions of control panel and their locations may vary, depending on the model.

Control Panel

Features:

- 1 Power**
Press POWER once to turn the dehumidifier ON and press POWER again to turn the dehumidifier OFF.
NOTE: After the unit is plugged in, but before the unit is turned on, press and hold the POWER button for 5 seconds to switch the temperature display between Fahrenheit (F) and Celsius (C) degrees.
Auto Restart
Once the power is restored, after 3 minutes, the unit begins to operate at its previous operation setting depending on the humidity conditions.
NOTE: Auto-Defrost Sensor (built in) When the temperature is 60°F or lower, ice may form on the evaporator coils preventing the removal of moisture. When this occurs, the controller stops the compressor, but allows the fan to continue running. When the ice is no longer present, the compressor will restart.
- 2 Check Filter Indicator**
The "check filter" indicator will flash when the filter needs to be cleaned. Remove the filter, wash it, and put it back in. Press "Filter Reset." The "check filter" indicator will turn off.
Note: Make sure the filter is dry before replacing.
- 3 Humidistat**
This allows you to adjust the humidity in the air. You can set the humidity to your desired level by pressing **▲** and **▼** keys.
- 4 Timer**
Your dehumidifier can be set to turn on and off at pre-determined times. Pre-setting can be programmed up to 24 hours in advance.
- 5 Two Fan Speeds**
This key controls the fan speed. There are two speed levels, LOW and HIGH.
- 6 Smart Dry**
This setting compares the set humidity level with the actual humidity level and adjusts the fan speed automatically.
- 7 Signal**
The bucket full audible signal can be turned on and off by pressing the SIGNAL button. The default setting is set in the ON position. When the bucket is full, the BUCKET FULL indicator light will blink and the alarm will sound 5 times every 15 minutes.
To turn off the audible signal feature, press the SIGNAL button once, and the LED display will show "OF" for 2 seconds. In this setting, when the bucket is full, the BUCKET FULL indicator light will blink, but the audible alarm will not sound. To reactivate the audible signal, press the SIGNAL button and the LED display to the left will show "ON" for 2 seconds.
- 8 Bucket Full Indicator**
When the indicator light comes on, automatic flow control stops the unit.
Turn the unit off by pressing the POWER key. Check to see if the bucket is full. If so, empty it. If bucket is not full and indicator light is on, the bucket is not in the proper position. Remove and reinstall it.
- 9 Current Temp/Timer Set Display**
When the dehumidifier is running, it displays the current temperature. Press the timer key to program the dehumidifier to turn on or off automatically at a pre-determined time.
- 10 Current Humidity/Setting Humidity Display**
Displays the current humidity level and adjusts the humidity to a desired level.
Setting Humidity Range: 40%RH~70%RH
Display Humidity Range: (LO)30%RH~(HI)90%RH

NOTE: In order to ensure the highest possible standard for refurbished items, all units are thoroughly inspected as part of the process. For this item, water may be used during the refurbishing process and so; you may notice some condensation in the water reservoir. It is recommended to rinse the water reservoir with fresh water prior to its first use.

PROPER USE & CARE

It is normal for the surrounding air to become slightly warmer as the dehumidifier operates. This warming effect further reduces the relative humidity of the surrounding air.

THERE ARE TWO WAYS TO REMOVE WATER FROM THE BUCKET:

1. Empty the bucket manually

When the water bucket is full, the red indicator light "BUCKET FULL" will go on.

1. YOU MUST turn the POWER off.
2. Wait a few minutes to allow the water to stop dripping.
3. Use both side handles to lift and remove the bucket.
4. Empty water through opening into a sink or tub.
5. Reinstall bucket.

IMPORTANT

Make sure the drain cap is tightened before operating the unit.

2. Attach a standard garden hose

The direct drainage feature can be activated using the following steps.

1. Remove the plastic cap at the rear of the unit. (Keep the rubber insert well for use later.)(Fig. #1)

2. Tightly screw the purchased garden hose to the direct drain opening. (Fig. #2)

3. Position the dehumidifier as close as you can to the floor drain.

4. Position the opening end of the drain hose directly over the floor drain and start the unit.

5. When the direct drain feature is not being used, remove the drain hose from the direct drain opening and plug it with the rubber cap provided.

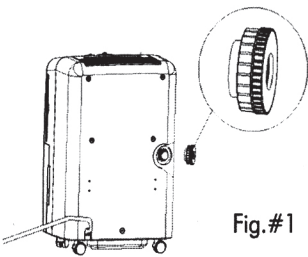


Fig. #1

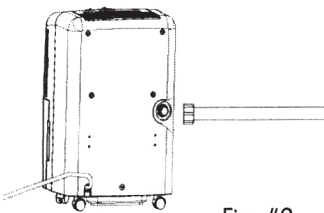


Fig. #2

NOTE: The images shown here are for illustrative purposes only and may be subject to change.

PROPER USE & CARE

- Place the dehumidifier in a location that does not restrict airflow into the rear coil or out of the front grille.
- The dehumidifier must be operated in an enclosed area to be most effective. Close all doors, windows and other outside openings to the room.
- A dehumidifier operating in a basement will have little or no effect in drying an adjacent enclosed storage area, such as a closet, unless there is adequate circulation of air in and out of the area.
- When the dehumidifier stops, wait at least 3 minutes before restarting.

PROPER CLEANING

- Before cleaning, turn the dehumidifier off and remove the plug from the wall outlet. Use water and a mild detergent to clean the inlet and outlet grilles. DO NOT use bleach or abrasives.
- The air filter is on the front of the dehumidifier. It should be checked at least every 2 to 3 weeks to see if it needs cleaning.
- When the unit is turned on for the first time, the "Bucket Full" light may be lit. If you remove and replace the bucket, the light will shut off.

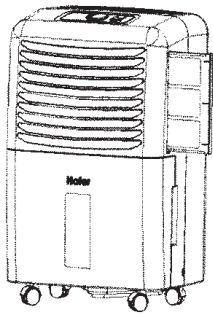
WARNING



You can be killed or seriously injured if you do not follow the instructions in this manual.

AIR FILTER REMOVAL

1. Grasp the filter handle, and pull the filter out. The filter will slide out easily.
2. Clean the filter thoroughly using vacuum a cleaner or wash using luke warm water and mild detergent. Dry thoroughly before re-installing.
3. To re-install the air filter, slide the filter back inside the tracks and push inward.



STORAGE

When the dehumidifier is not being used for long time periods, please follow these instructions.

1. Disconnect the power cord from the power supply.
2. Empty the water tank and wipe (clean) thoroughly.
3. Clean air filter thoroughly.
4. Re-package the unit in the original carton.
5. Store the unit upright in a dry location.

TROUBLESHOOTING

If you experience operational problems, please follow these troubleshooting suggestions before calling Service.

Unit not operating

- Check to see if the grounded 3-prong plug is pushed completely into the outlet.
- The fuse may be blown or the circuit has been tripped. Check the house fuse/circuit breaker. Replace fuse or reset breaker as needed.
- The bucket may be full. The dehumidifier automatically turns off when this occurs. The drain bucket needs to be emptied.
- If the bucket is not full, it may be positioned improperly. Remove and reinstall so that it fits all the way into the dehumidifier.
- When the ambient temperature is above 112°F or below 32°F, the unit will shut off. This protects the compressor. Wait 3 minutes and then restart.

Dehumidifier is icing up during initial stage of operation.

- This is normal for a dehumidifier. Frost will usually disappear within 60 minutes unless the temperature is below 60°F.

Airflow is restricted

- Make sure there are no curtains, blinds or furniture blocking the front or back of the dehumidifier.
- Clean the filter. It may be clogged.

NOTE:

After prolonged usage, the condenser coils behind the filter may develop a buildup of residue. Unless cleaned regularly with a soft brush, this residue will harden and may require special cleaning methods by a refrigeration/air conditioning professional.

Unsatisfactory dehumidification

- When first installed, allow at least 3 or 4 days to remove the moisture from the room to maintain the desired dryness.
- Area to be dehumidified may be too large for your model. Check with your dealer.
- The controls may not be set correctly. Adjust controls according to instructions.
- Doors and windows may not be closed. Check that all doors, windows and other openings are closed tightly.
- Clothes dryer may be in operation in the same room. Install the dehumidifier away from the moisture-laden air generated by the dryer. Dryer should be vented to the outside.
- Please note that when room temperature is below 60°F, there might be ice forming on the coils. The unit will go into Auto-Defrost mode to remove the ice before resuming its dehumidification. The defrost operation will reduce the unit's ability for moisture removal.

Model	DE45EK DE45EK-L DE45EK-T	DE65EK DE65EK-L
Refrigerant	R410A	R410A
Features		
Dehumidification	✓	✓
Automatic Humidistat Control	✓	✓
Automatic shut-off	✓	✓
2 speed fan	✓	✓
Bucket Full Indicator	✓	✓
Timer	24 Hr On/Off	24 Hr On/Off
Smart Dry	✓	✓
Technical data		
Voltage/frequency (V/Hz)	115/60	115/60
Capacity (pints per 24 hours)	45 pints	65 pints
Net dimension WxHxD (inch.)	13¾ x 19½ x 10½	15 x 23½ x 12

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IMPORTANT INFORMATION

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804104618



Printed in Mexico
SC: 11-29-11
OBPN: 0010518316
PAGS: TAB - RE-DESIGN 12.09.2019
+ dsclmr 000857
ADD DE45M, DE45EN & DE65EM