

COMMERCIAL GRADE PORTABLE DEHUMIDIFIER



AG-D110 DEHUMIDIFIER



USER MANUAL

PLEASE READ THE ENTIRE MANUAL AND SAVE THESE INSTRUCTIONS

READ AND SAVE THESE INSTRUCTIONS

Thank you for choosing this AIRGREAN dehumidifier. We at AIRGREAN ENTERPRISE truly appreciate your business. This manual is intended to be a source of information on how to operate, maintain and troubleshoot your new dehumidifier.

Please take the time to read through this manual thoroughly.

CONTENTS

SAFETY PRECAUTIONS.....	1
INTRODUCTION TO PRODUCT.....	2
DEHUMIDIFIER IDENTIFICATION FEATURES.....	2
OPERATION INSTRUCTION.....	3
SAFE OPERATION AND MAINTENANCE.....	4
OPERATION NOTICES.....	4
COMMON TROUBLESHOOTING.....	5
ERROR CODES.....	5
TECHNOLOGY SPECIFICATION.....	5
LIMITED WARRANTY.....	6

SAFETY PRECAUTIONS

BEFORE APPLICATION, PLEASE READ ALL THE INSTRUCTIONS.

- Before use, please confirm that the power supply is 115v60Hz.
- Be careful with movement of dehumidifier and avoid rolling on and damaging power cord.
- Always turn off and unplug unit prior to performing routine maintenance, or when not in use.
- Please use appropriate power supply, do not use an extension cord.
- Install the drainpipe facing downward so condensation will flow out the pipe.
- This unit must always be in upright position.
- If there is a power outage makes sure to un-plug this product. Recommends that the dehumidifier operated on a dedicated electrical circuit. In the event of a power failure, a spike in voltage may occur when the power is reinstated. This can damage the circuit board which is not covered under warranty.

DO NOT

- Do not put into water or operate near water source.
- Do not stop operation of the dehumidifier by pulling out the power cord.
- Do not place the unit near the heat equipment or inflammable dangerous goods.
- Do not cover the louvered panes on the machine or it will overheat.
- Do not operate in closed and narrow room.

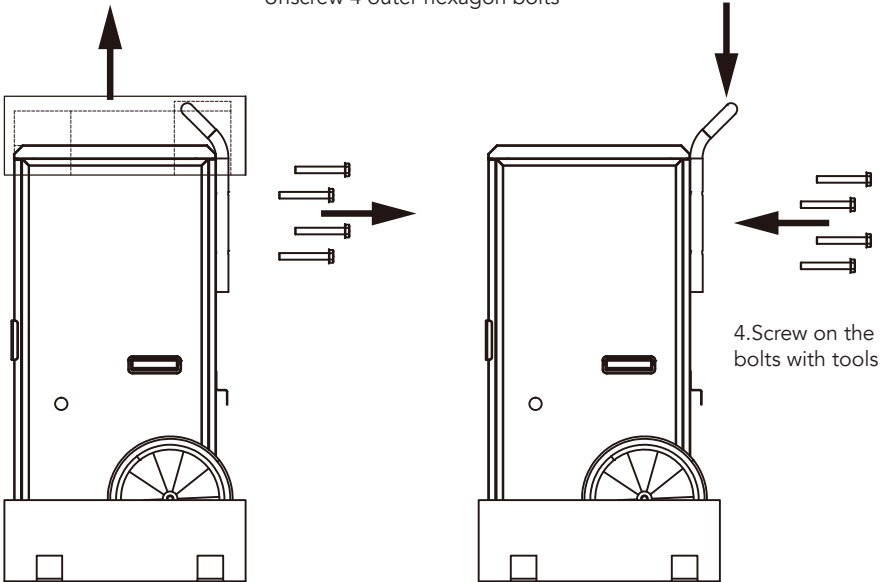
INTRODUCTION TO PRODUCT

Dehumidifier is an electrical appliance which reduces and maintains the level of humidity in the air. Eliminate musty odor and to prevent the growth of mildew by extracting water from the air, keeping your relative humidity in check.

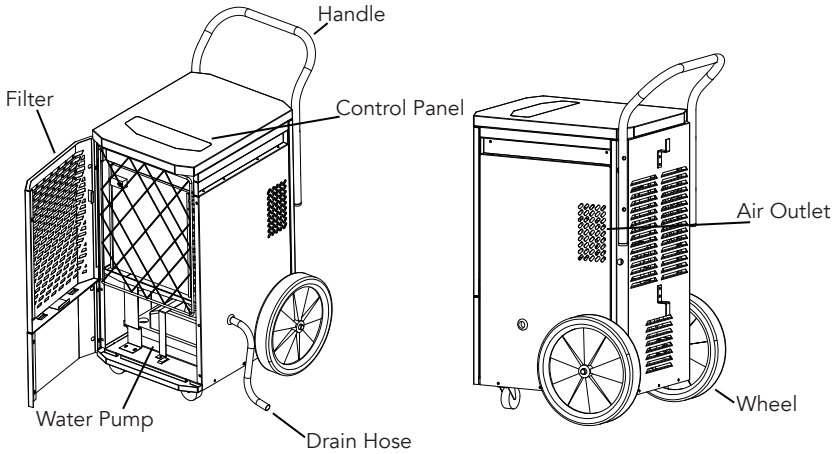
1. Pick up the top foam

2. Use accessory tools
Unscrew 4 outer hexagon bolts

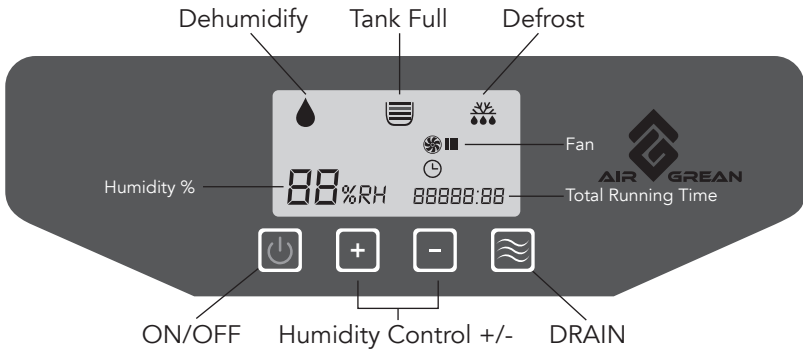
3. Flip the handle as follows



DEHUMIDIFIER IDENTIFICATION FEATURES



OPERATION INSTRUCTION



INSTRUCTIONS OF BUTTONS:

1. **ON/OFF:** Each press ON/OFF, unit runs in a circulate "on-off-on"
2. **Humidity Down:** When unit runs on dehumidify mode, press Humidity Down button each time, humidity falls 1%, press for 2 seconds, humidity falls by 5% per second.
3. **Humidity Up:** When unit runs on dehumidify mode, press Humidity Up button each time, humidity raises 1%, press for 2 seconds, humidity raised by 5% per second.
4. **DRAIN:** This key can manually pulls all water out of trap.

"Accumulative work time" on display means how much time unit have be operated"

INSTRUCTION OF FUNCTION MODE:

Unit makes a "BEEP" sound when powered on. Then when switch button is in humidity mode, the indicator light of the Dehumidifier will light up. The default setting for humidity is 60%, the machine's dehumidifying range is 30%-90%. Use the Humidity Up and Down buttons to adjust the humidity setting. If you keep pressing the Humidity Down button when the humidity setting is at 30%, the unit will go into continuous dehumidify mode which will show as "CO" (Continuous Operation) on the LCD display. The humidity % will flash when setting the humidity, then display current humidity after 5 seconds.

SAFE OPERATION AND MAINTENANCE

- This machine is for indoor use only
- When there is any abnormal (burning smell), please shut off the machine and unplug power. Fire, electric shock and failure may be caused.
- If machine not in used for a long time, please unplug the power cord. When cleaning the machine, stop it first and unplug the power cord.

DO NOT

- Do not stop operation of dehumidifier by pulling out of the power cord. Otherwise fire or electric shock accident may be caused.
- Do not place near anything that gives off a heat source such as; furnace or heater. This may cause a fire.
- Do not connect relay, extension cord or adaptor which this machine. Otherwise, fire. Electric shock and overheating can be caused.
- Do not repair, disassemble or alternate the machine without, authorization so as to avoid fire or electric shock. This will void your warranty.

OPERATION NOTICES

1. There is a 3 minute delay after machine has shut down prior to next start up cycle.
2. When moving the machine, do not tip the machine for over 45 degrees angle to avoid damaging the compressor.
3. The compressor gives out heat when it is operating, and ambient temperature may rise 1-3 degrees.
4. The air inlet and outlet must be away from the wall at least 4 inches.
5. Working environment shall be closed tight to maximize dehumidification effect.
6. Dust on the air publication filter mesh may impair its effect or even cause failure. Please clear regularly. If there is dust in the environment, it must be cleared once a week or once a day. Pull down the front panel, clear the filter. Tap the filter mesh slightly or eliminate the dust by vacuum cleaner or place the filter in warm water and brush and then wash with tap water and dry it. A clean filter will increase the unit's overall efficiency.
7. There is a door at the front of the machine. Press the top of the door, to open it automatically. Remove the water tube; connect one end with water outlet to the water tank, and the other end through the water drainage port of the left side of machine.
8. Maximum length of the tube is 20'.

COMMON TROUBLESHOOTING

Issue	Causes	Solution
Dehumidifier is not operating.	Unit is not plugged in	Connect the power cord
	Power switch is not energized	Energize the power
	Power failure	Check circuit breaker
	Fuse is melted	Replace the fuse
Dehumidifier is operating, but does not dehumidify	Dust accumulated in air purification filter mesh	Clear the filter mesh
	Object blocking air inlet and outlet	Remove the blocking object
	The door or window is open	Close the door and window
Water leak	The machine is inclined	Level the machine
	Water pipe is blocked	Remove the blocking object
Random noise	Dehumidifier is not placed solidly	Stabilize unit
	Air outlet clogged	Clear the filter mesh

ERROR CODES

This dehumidifier is able to automatically judge failure. If there is any failure, there will be a failure code displayed on the humidity display window.

Failure Display	Problem
E3	Humidity sensor failure
E4	Water full
E5	Defrost sensor failure

TECHNOLOGY SPECIFICATION

Model	AG-D110
Power supply	115V/60Hz
Dehumidification capacity	110 Pint per day
Rated input power	887W
Nominal current	8.3A
Weight	65 lbs
Dimension (D,W, H)	15.6in x 14.7in x 22.7in
Type of cooling agent	R410A

LIMITED WARRANTY

The warranty period is one year for the general machine. This warranty applies to repair or replacement of product found to be defective in materials or workmanship. This warranty does not apply to damage resulting from unusual wear, abusive, unreasonable use or supplemental damage. This warranty does not cover damage from unauthorized repairs or from any use not in accordance with the instruction manual. Defects that are the result of normal wear and tear will not be considered manufacturing defects under this warranty.



AIR GREAN

AIR GREAN ENTERPRISE, INC. OF CALIFORNIA

Website: www.airgrean.com