AIUSEVO

AS-280 Dehumidifier

Owner's Manual & Operating Instructions

IMPORTANT SAFETY INFORMATION

> ⚠ **WARNING**
>
> Read all instructions before using this dehumidifier. Failure to follow these instructions may result in fire, electrical shock, or personal injury.

Safety Precautions

- Always plug into a grounded 3-prong outlet. Do not remove the grounding prong.
- Do not use an extension cord or adapter plug.
- Disconnect power before cleaning or servicing.
- Do not operate with a damaged cord or plug.
- Keep the unit away from heat sources and direct sunlight.
- Do not insert objects into the unit.
- Always empty the water tank when full.
- Do not tip or move the unit when the water tank contains water.
- This appliance is not intended for use by children or persons with reduced physical, sensory, or mental capabilities without supervision.

PRODUCT SPECIFICATIONS

Specification	Value
Model	AS-280
Dehumidification Capacity	30 pints/day (14.2 liters/day)
Coverage Area	Up to 1,500 sq ft (139 m²)
Water Tank Capacity	0.66 gallons (2.5 liters)
Operating Temperature Range	41°F - 95°F (5°C - 35°C)
Operating Humidity Range	35% - 85% RH
Power Supply	115V, 60Hz
Power Consumption	590 watts
Refrigerant	R-410A
Dimensions (W×D×H)	13.4" × 10.2" × 19.9" (34×26×50.5 cm)
Weight	33 lbs (15 kg)
Noise Level	< 48 dB

PACKAGE CONTENTS

- AS-280 Dehumidifier Unit
- Water Tank
- Owner's Manual
- Warranty Card

FEATURES & COMPONENTS

Key Features

- Intelligent humidity control with digital display
- Auto-defrost function
- Continuous drainage option
- Auto-restart after power outage
- Timer function (1-24 hours)
- Three fan speeds
- Sleep mode for quiet operation
- Full tank indicator and auto-shutdown
- Washable air filter
- Portable design with handles and caster wheels

Control Panel Components

- **Power Button:** Turn the unit on/off
- **Humidity Display:** Shows current and target humidity levels
- **Humidity +/- Buttons:** Adjust target humidity (30%-80%)
- **Fan Speed Button:** Select Low/Medium/High fan speed
- **Timer Button:** Set auto-shutdown timer
- **Mode Button:** Switch between Continuous and Auto modes
- **Sleep Button:** Enable quiet sleep mode

INSTALLATION & SETUP

Initial Setup

1. Remove the unit from packaging and allow it to stand upright for at least 4 hours before operation.
2. Choose a location with at least 12 inches of clearance on all sides for proper airflow.
3. Ensure the surface is level and can support the unit's weight.
4. Install the water tank by sliding it into the unit until it clicks into place.
5. Check that the air filter is properly installed.
6. Plug the unit into a grounded electrical outlet.

Location Requirements

- Place on a firm, level surface
- Maintain 12" clearance around all sides
- Avoid direct sunlight and heat sources
- Ensure adequate ventilation
- Keep away from walls and furniture
- Position near a floor drain for continuous drainage (optional)

OPERATING INSTRUCTIONS

Basic Operation

1. Press the Power button to turn on the unit.
2. The display will show the current room humidity.
3. Use the +/- buttons to set your desired humidity level (30%-80%).
4. Select fan speed using the Fan Speed button.
5. The unit will automatically maintain the set humidity level.

Operating Modes

- **Auto Mode:** Maintains set humidity level automatically
- **Continuous Mode:** Runs continuously regardless of humidity level
- **Sleep Mode:** Operates quietly with dimmed display

Timer Function

1. Press the Timer button to activate timer mode.
2. Use +/- buttons to set the desired run time (1-24 hours).
3. The unit will automatically shut off after the set time.
4. Press Timer again to cancel timer mode.

Continuous Drainage Setup

1. Locate the drainage port on the back of the unit.
2. Remove the rubber cap from the drainage port.
3. Connect a standard garden hose (not included) to the port.
4. Route the hose to a floor drain, ensuring it slopes downward.
5. Remove the water tank to enable continuous drainage mode.

MAINTENANCE & CLEANING

Regular Maintenance Schedule

- **Weekly:** Empty and clean water tank
- **Bi-weekly:** Clean air filter
- **Monthly:** Clean exterior surfaces
- **Seasonally:** Deep clean and inspect unit

Water Tank Cleaning

1. Turn off and unplug the unit.
2. Remove the water tank by pulling it straight out.
3. Empty all water from the tank.
4. Wash with warm, soapy water.
5. Rinse thoroughly and dry completely.
6. Reinstall the tank, ensuring it's properly seated.

Air Filter Cleaning

1. Turn off and unplug the unit.
2. Remove the filter cover on the side of the unit.
3. Pull out the air filter.
4. Rinse with warm water and mild detergent.
5. Allow to air dry completely before reinstalling.
6. Replace the filter cover securely.

External Cleaning

- Wipe exterior with a damp cloth
- Use mild detergent for stubborn stains
- Never use abrasive cleaners or solvents
- Ensure unit is completely dry before operating

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit won't start	No power supply Water tank not properly installed Room temperature too low	Check power connection Ensure tank is seated correctly Move to warmer location (>41°F)
Not removing moisture	Humidity already at target level Air filter clogged Room too cold	Check humidity settings Clean or replace filter Ensure room temperature >41°F
Unit cycles on/off frequently	Target humidity too low Poor air circulation Oversized for room	Increase humidity setting Improve room ventilation Consider using in larger space
Excessive noise	Unit not level Internal components loose Fan obstruction	Level the unit Contact service center Check for obstructions
Water tank full indicator on	Tank is full Tank not properly seated Tank sensor dirty	Empty water tank Reinstall tank correctly Clean tank sensor
Frost on coils	Normal operation Room temperature too low Dirty air filter	Unit will auto-defrost Move to warmer location Clean air filter

ERROR CODES

Error Code	Description	Action Required
E1	Tank full or not properly installed	Empty tank and reinstall properly
E2	Room temperature sensor error	Contact customer service
E3	Humidity sensor error	Contact customer service
E4	System malfunction	Unplug for 10 minutes, then restart

SEASONAL STORAGE

End of Season Storage

1. Turn off and unplug the unit.
2. Empty and clean the water tank thoroughly.
3. Clean the air filter and let it dry completely.
4. Clean the exterior with a damp cloth.
5. Allow the unit to run for 2-3 hours in fan-only mode to dry internal components.
6. Store in a dry location with the original packaging if available.
7. Cover the unit to protect from dust.

WARRANTY INFORMATION

Limited Warranty

This Aiusevo AS-280 dehumidifier is warranted to be free from defects in materials and workmanship for a period of two (2) years from the date of original purchase.

What is Covered

- Manufacturing defects in materials and workmanship
- Electrical component failures under normal use
- Compressor defects (3-year coverage)

What is Not Covered

- Damage due to misuse, abuse, or negligence
- Normal wear and tear
- Damage due to power surges or improper voltage
- Units that have been modified or repaired by unauthorized personnel
- Consumable parts (filters, etc.)

Warranty Service

For warranty service, contact Aiusevo customer support at:

- Website: https://theaiusevo.com/
- Email: support@aiusevo.com
- Phone: 1-800-AIUSEVO

TECHNICAL SUPPORT

Customer Service

For technical support, replacement parts, or general inquiries:

- **Website:** https://theaiusevo.com/
- **Email:** support@aiusevo.com
- **Phone:** 1-800-AIUSEVO (1-800-248-7386)
- **Hours:** Monday-Friday, 8:00 AM - 6:00 PM EST

When Calling for Service

Please have the following information ready:

- Model number: AS-280
- Serial number (located on unit nameplate)
- Date of purchase
- Description of the problem
- Proof of purchase