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Ideal-Air HGC700826

Ideal-Air 30 Pint Dehumidifier Instruction Manual

Model: HGC700826

Introduction

This manual provides essential information for the safe and efficient operation of your Ideal-Air 30 Pint Dehumidifier. Please read these instructions thoroughly before use and retain for future reference.

The Ideal-Air 30 Pint Dehumidifier is designed to remove up to 30 pints of moisture from the air per day, helping to create a more comfortable environment in homes, commercial spaces, or indoor growing areas. It features an LED digital control panel, low-temperature defrosting, and an automatic shut-off function when the water reservoir is full.



Figure 1: Ideal-Air 30 Pint Dehumidifier, front view. This image shows the compact design of the dehumidifier with its front grille and the Ideal-Air logo.

Important Safety Instructions

To reduce the risk of fire, electric shock, or injury, observe the following safety precautions:

- Always plug the unit into a grounded 3-prong outlet. Do not remove the grounding prong.
- Do not use an adapter. Do not use an extension cord.
- Unplug the dehumidifier before cleaning or servicing.
- Do not operate the unit with a damaged power cord or plug.
- Do not block air inlets or outlets.
- Keep the unit on a level surface to prevent water spillage.
- Do not immerse the unit in water or other liquids.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Product Overview

Familiarize yourself with the main components of your dehumidifier:

- **Control Panel:** LED display for settings and indicators.
- **Air Inlet Grille:** Where air enters the unit.
- **Air Outlet Grille:** Where dehumidified air exits.
- **Water Reservoir:** Collects condensed moisture.
- **Air Filter:** Removable and washable for air purification.
- **Casters and Handles:** For easy portability.
- **Continuous Drain Outlet:** For connecting a hose for continuous drainage.

Setup and Installation

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain packaging materials for future storage or transport.
2. **Placement:** Place the unit on a firm, level surface in a location where the ambient temperature will not fall below 41°F (5°C). Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow.
3. **Power Connection:** Plug the power cord into a grounded 115V, 60Hz electrical outlet.
4. **Water Drainage:**
    - **Manual Drainage (Water Reservoir):** The unit will collect water in the internal reservoir. When full, the unit will automatically shut off and an indicator light will illuminate.
    - **Continuous Drainage:** For extended operation without emptying the reservoir, attach a standard garden hose (not included) to the continuous drain outlet located on the back of the unit. Ensure the hose is sloped downwards to allow gravity drainage into a floor drain or suitable receptacle.

Operating Instructions

The control panel allows you to manage the dehumidifier's functions:



Figure 2: Control Panel. This image displays the LED digital control panel with buttons for Filter, Cont., Fan, Power, Timer, and humidity adjustment (+/-).

- **Power Button ( ):** Press to turn the unit ON or OFF.
- **Filter Indicator:** Illuminates when the air filter needs cleaning. Press the "Filter" button to reset after cleaning.
- **Cont. (Continuous) Button:** Activates continuous dehumidification, regardless of the set humidity level.
- **Fan Button:** Adjusts the fan speed (e.g., Turbo, Normal).
- **Timer Button:** Sets the auto-on or auto-off timer. Use the '+' and '-' buttons to adjust the time.
- **Humidity Adjustment (+/- Buttons):** Use these buttons to set your desired humidity level (e.g., between 35% and 80% Relative Humidity). The unit will operate until the set humidity is reached.
- **Full Indicator:** Illuminates when the water reservoir is full and needs to be emptied. The unit will stop operating until the reservoir is emptied and reinserted.
- **Auto Defrost:** The unit features an automatic defrost function to prevent ice buildup on the evaporator coils in low-temperature environments.

Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

Cleaning the Air Filter

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Locate the air filter access panel, typically on the back or side of the unit.



Figure 3: Air Filter Access. This image shows the rear of the dehumidifier with the filter panel removed, revealing the washable air filter.

3. Carefully remove the air filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting.
5. Reinsert the dry filter and close the access panel.
6. Plug in the unit and press the "Filter" button on the control panel to reset the indicator.

Emptying the Water Reservoir

1. When the "Full" indicator illuminates, gently pull out the water reservoir from the front of the unit.
2. Carefully empty the collected water.
3. Clean the reservoir periodically with mild soap and water to prevent mold or mildew growth.
4. Reinsert the empty reservoir firmly into the unit. Ensure it is properly seated to allow the dehumidifier to resume

operation.

Storage

If storing the dehumidifier for an extended period:

- Unplug the unit and empty the water reservoir.
- Clean the air filter.
- Allow the unit to dry for at least 24 hours before storing.
- Store in an upright position in a cool, dry place.

Troubleshooting

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	Unit unplugged. Power outage. Water reservoir full or not properly seated. Temperature too low.	Ensure unit is plugged in. Check household fuse/circuit breaker. Empty reservoir and ensure it is correctly inserted. Unit operates between 41°F (5°C) and 90°F (32°C).
No water collected or insufficient dehumidification.	Air filter clogged. Air inlets/outlets blocked. Humidity setting too high. Room temperature too low. Unit size inadequate for space.	Clean the air filter. Clear any obstructions. Lower the desired humidity setting. Ensure room temperature is within operating range. Consider if the unit's capacity matches the room size and humidity level.
Unit runs continuously.	Continuous mode activated. Humidity level in room is higher than set point.	Deactivate continuous mode if not desired. This is normal operation if the room humidity has not reached the set level.
Unit is noisy.	Unit not on a level surface. Air filter clogged.	Place unit on a flat, stable surface. Clean the air filter.

Specifications

Model:	HGC700826
Brand:	Ideal-Air
Dehumidification Capacity:	30 Pints per Day (AHAM standard: 80°F, 60% RH)
Water Tank Volume:	3 Liters
Power Supply:	115V, 60Hz
Wattage:	670 Watts
Amperage:	5.8 Amps

Product Dimensions (D x W x H):	12.3" x 16.6" x 24.2"
Item Weight:	36 Pounds
Recommended Floor Area:	Up to 250 sq ft (based on 30 pint capacity)
Operating Temperature Range:	41°F (5°C) to 90°F (32°C)
UPC:	847127009888

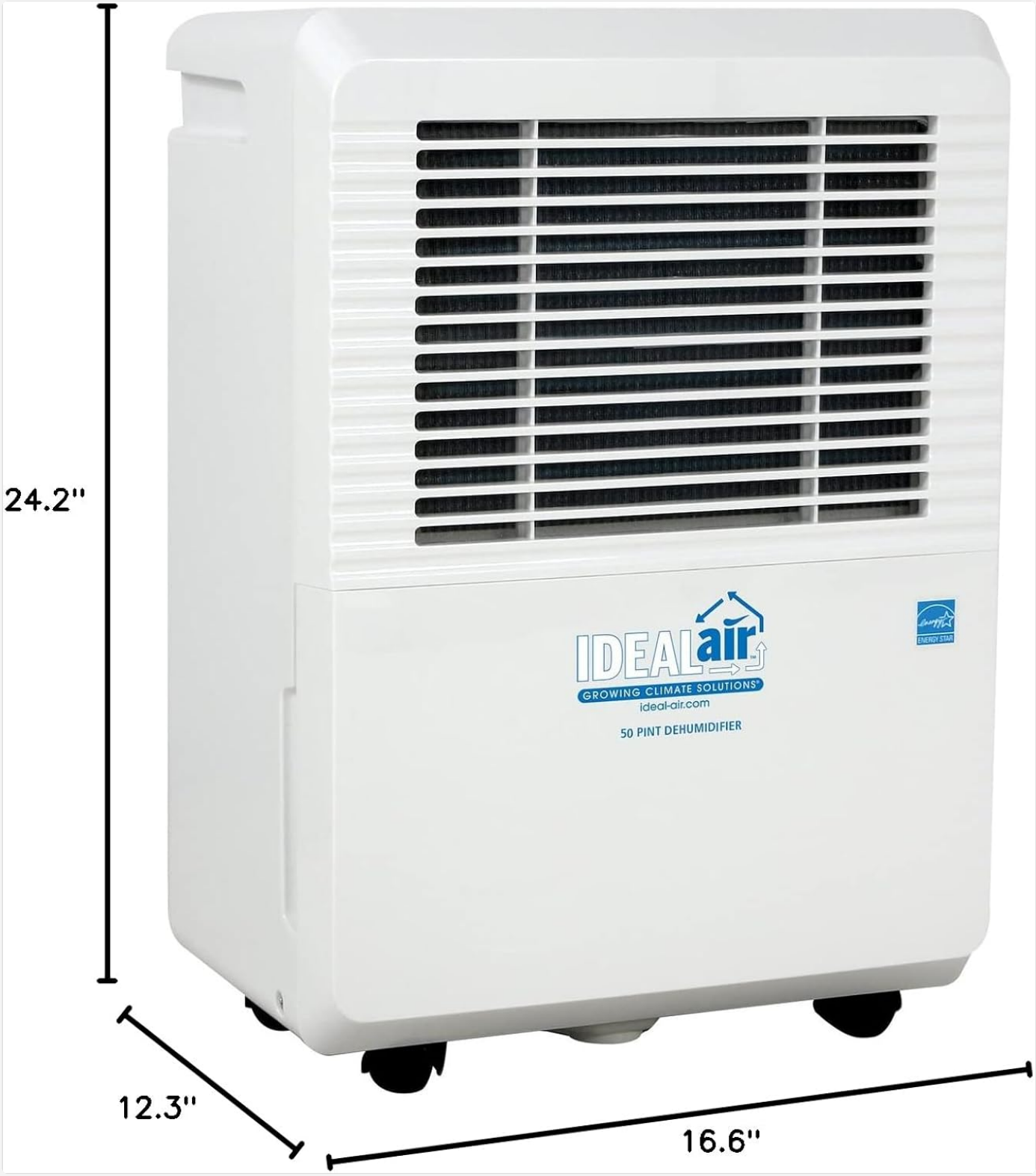


Figure 4: Dehumidifier Dimensions. This image illustrates the depth (12.3"), width (16.6"), and height (24.2") of the unit.

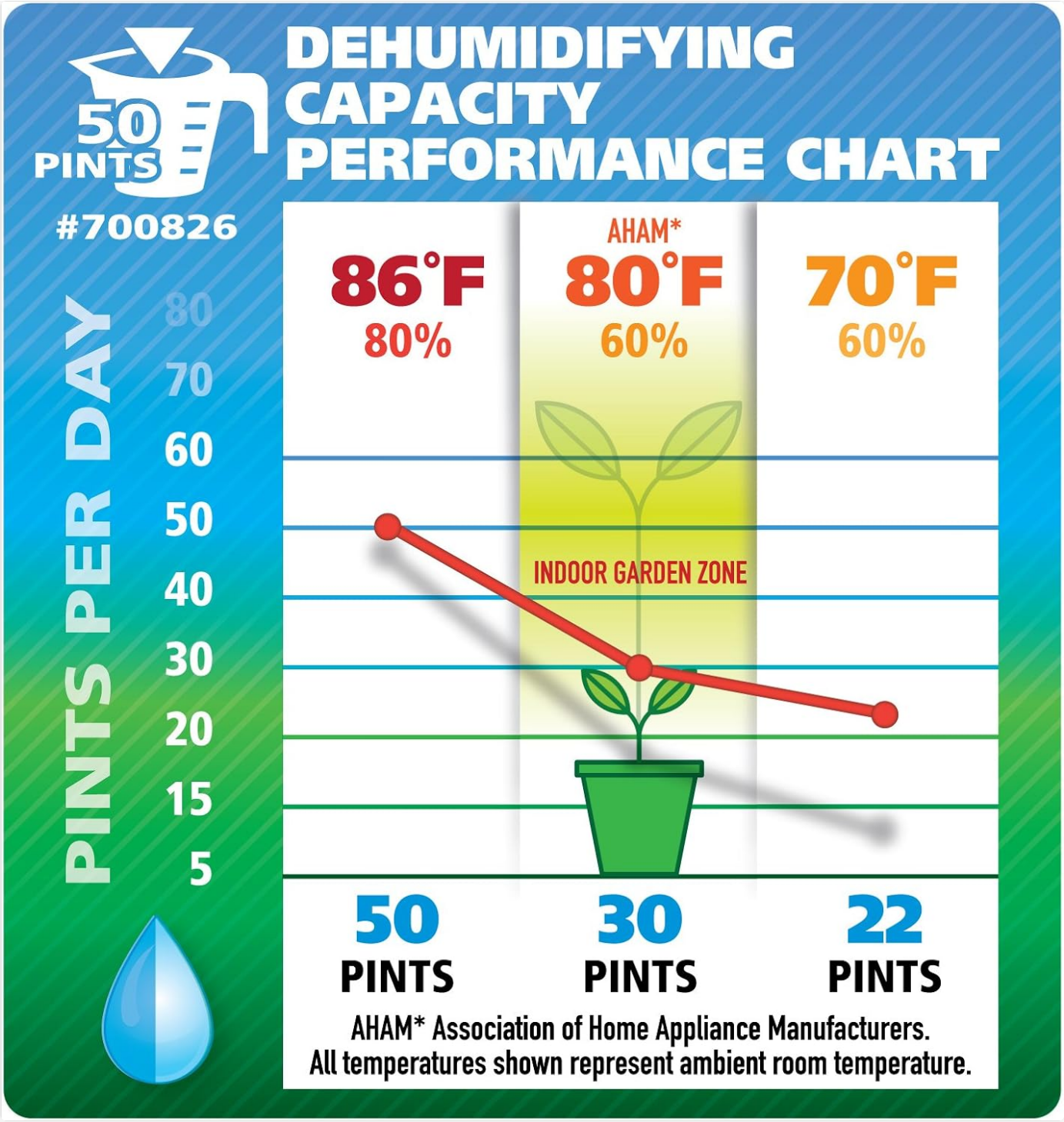


Figure 5: Dehumidifying Capacity Performance Chart. This chart shows the dehumidification capacity in pints per day at different ambient temperatures and relative humidity levels, including the AHAM standard (80°F, 60% RH) where the unit extracts 30 pints.

Warranty and Support

For warranty information or technical support, please refer to the warranty card included with your product or contact Ideal-Air customer service. Keep your purchase receipt as proof of purchase.

Manufacturer: Hawthorne Hydroponics, LLC

For further assistance, please visit the official Ideal-Air website or contact their customer support channels.

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