

ARGENDON Sandidry 55C

Argendon Commercial Dehumidifier

MODEL: SANDIDRY 55C USER MANUAL

Introduction

Thank you for choosing the Argendon Sandidry 55C Commercial Dehumidifier. This unit is designed for efficient moisture removal in large spaces such as crawl spaces, basements, whole houses, and industrial sites, covering up to 1500 Sq.Ft. With a capacity of 120 pints per day, it helps maintain a comfortable and dry environment. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your dehumidifier.

Important Safety Information

Please read all instructions carefully before operating the dehumidifier. Failure to follow these instructions may result in electric shock, fire, or serious injury. Keep this manual for future reference.

- Always connect the unit to a grounded power outlet.
- Do not operate the dehumidifier if the power cord or plug is damaged.
- Ensure the unit is placed on a stable, level surface to prevent tipping.
- Do not block air inlets or outlets. Maintain at least 12 inches of clearance around the unit.
- Keep children and pets away from the unit during operation.
- Unplug the unit before cleaning or performing any maintenance.
- Do not use the unit in areas where flammable liquids or gases are stored.

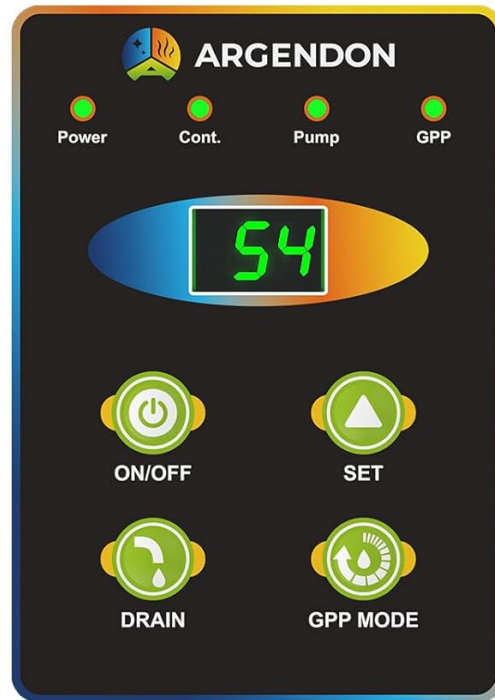
Product Overview and Components

The Argendon Sandidry 55C is a robust commercial-grade dehumidifier designed for durability and performance.



Figure 1: Front view of the Argendon Sandidry 55C Commercial Dehumidifier, showing the control panel, air outlet, and included drain hose.

EASY TO CONTROL AND USE



**Auto
Operation**



**Auto
Defrost**



**Continuous
Mode**



**Memory
Starting**

Figure 2: Contents included in the box: the Sandidry 55C dehumidifier unit, a MERV-1 filter, a 19.6 ft pump drain hose, a 6.5 ft gravity drain hose, and the user manual.

Key Components:

- **Control Panel:** Digital display and buttons for operation.
- **Air Inlet/Outlet:** Grilles for air circulation.
- **Drainage Ports:** Connections for gravity drain hose and pump drain hose.
- **MERV-1 Filter:** Removable filter for air purification.
- **Integrated Pump:** For automatic water removal to higher elevations.
- **Sturdy Handle:** For easy portability.

Setup and Installation

1. Placement Considerations:

Place the dehumidifier in a central location within the area requiring moisture removal. Ensure there is at least 12

inches of clearance around all sides of the unit for proper airflow. The unit is designed for use in crawl spaces, basements, and other large areas.

DESIGNED FOR CRAWL SPACE & BASEMENT

Up to **1,500 Sq.Ft.** Coverage

Up to **120 Pints/Day**

Airflow **153 CFM**



Figure 3: The dehumidifier positioned in a basement, demonstrating its compact size and suitability for residential and commercial large spaces.



Figure 4: Dehumidifier placed on risers in a crawlspace, illustrating proper elevation for effective drainage and air circulation in challenging environments.

2. Drainage Options:

The Sandidry 55C offers two convenient drainage methods:

TWO METHODS OF DRAINAGE



Figure 5: Illustration of the two drainage methods: Gravity Drainage and Pump Drainage.

- **Gravity Drainage:** For continuous drainage to a lower level. Connect the 6.5 ft gravity drain hose to the designated port on the unit and route it to a floor drain or suitable receptacle. Ensure the hose has a continuous downward slope to prevent water backup.
- **Pump Drainage:** For automatic water removal to a higher elevation (up to 19.6 ft drain height). Connect the 19.6 ft pump drain hose to the pump outlet. The built-in pump will automatically activate when the water reservoir is full, pumping water out through the hose.

3. Power Connection:

Plug the dehumidifier into a standard, grounded electrical outlet (110-120V, 60Hz). Ensure the outlet meets the power requirements of the unit.

Operating Instructions

Control Panel:

HIGHLY EFFECTIVE MOISTURE REMOVAL



Figure 6: The intuitive control panel of the Sandidry 55C, featuring clear indicators and easy-to-use buttons.

- **Power Indicator:** Lights up when the unit is powered on.
- **Cont. (Continuous) Indicator:** Lights up when the unit is in continuous dehumidification mode.
- **Pump Indicator:** Lights up when the internal pump is active.
- **GPP Indicator:** Lights up when the unit is in GPP (General Purpose Program) mode.
- **Digital Display:** Shows current humidity level, set humidity, or error codes.
- **ON/OFF Button:** Powers the unit on or off.
- **SET Button:** Used to adjust the desired humidity level. Press to cycle through humidity settings or to confirm a setting.
- **DRAIN Button:** Manually activates the pump for drainage (if pump hose is connected).
- **GPP MODE Button:** Toggles between different operating modes, including GPP mode for optimized performance.

Basic Operation:

1. **Power On:** Press the **ON/OFF** button to turn on the dehumidifier. The display will show the current room

humidity.

2. **Set Desired Humidity:** Press the **SET** button. The humidity setting will flash. Use the **SET** button to cycle through desired humidity levels (e.g., 30% to 80% RH). The unit will operate until the set humidity is reached, then cycle off. It will restart when humidity rises above the set point.
3. **Continuous Mode:** To run the unit continuously regardless of humidity, select the 'Cont.' setting using the **SET** button. The 'Cont.' indicator will light up.
4. **GPP Mode:** Press the **GPP MODE** button to activate the General Purpose Program mode, which optimizes operation for general dehumidification tasks.
5. **Manual Drain (Pump):** If using pump drainage, you can press the **DRAIN** button to manually activate the pump and empty any collected water.
6. **Auto Defrost:** The unit features an automatic defrost function that activates when coil temperatures are too low, preventing ice buildup and ensuring efficient operation in cooler environments.
7. **Memory Starting:** The unit will remember your last settings in case of a power interruption and resume operation once power is restored.

Optional Remote Control:

The Sandidry 55C is compatible with an optional remote control (sold separately) for convenient operation from a distance. Refer to the remote control's manual for specific pairing and operation instructions.



Figure 7: The dehumidifier shown with an optional remote control, allowing for convenient monitoring and adjustment of settings from a distance.

Maintenance

1. Cleaning the MERV-1 Filter:

Regular cleaning of the MERV-1 filter is crucial for maintaining the dehumidifier's efficiency and extending its lifespan. A dirty filter restricts airflow and reduces moisture removal capacity.



ENERGY STAR DEHUMIDIFIER

Save Money and Protect the Environment

Figure 8: Illustration of the MERV-1 filter removal for cleaning, highlighting its importance for protecting internal components.

1. **Power Off and Unplug:** Always turn off the unit and unplug it from the power outlet before performing any maintenance.
2. **Remove Filter:** Locate the filter access panel (usually on the side or back) and carefully slide out the MERV-1 filter.
3. **Clean Filter:** Use a vacuum cleaner with a brush attachment to remove dust and debris from the filter. For heavily soiled filters, rinse with warm, soapy water. Ensure the filter is completely dry before reinserting.
4. **Reinstall Filter:** Slide the clean, dry filter back into its slot and close the access panel.

Recommended cleaning frequency: Every 2-4 weeks, depending on usage and air quality.

2. Cleaning the Unit Exterior:

Wipe the exterior of the dehumidifier with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the surface.

3. Long-Term Storage:

If storing the unit for an extended period, ensure it is thoroughly cleaned and dry. Drain any remaining water from the

unit and hoses. Store in a cool, dry place, protected from dust and extreme temperatures.

Troubleshooting

Before contacting customer support, please refer to the following troubleshooting guide for common issues:

| Problem | Possible Cause | Solution |
|------------------------------------|---|--|
| Dehumidifier does not turn on. | No power supply. Power cord damaged. Unit is off. | Ensure unit is plugged into a live, grounded outlet. Check power cord for damage; replace if necessary. Press the ON/OFF button. |
| Unit runs but does not dehumidify. | Air filter is clogged. Room temperature is too low. Set humidity level is too high. Airflow is restricted. | Clean or replace the air filter. Unit may not operate effectively below 41°F (5°C). Lower the set humidity level. Ensure at least 12 inches of clearance around the unit. |
| Water is not draining. | Drain hose is kinked or blocked. Gravity drain hose not sloped correctly. Pump malfunction (for pump drainage). | Check and clear any obstructions in the drain hose. Ensure continuous downward slope for gravity drainage. Contact customer support if pump is not working. |
| Unit is noisy. | Unit not on a level surface. Fan obstruction. | Place unit on a firm, level surface. Check for any foreign objects near the fan. |
| Display shows an error code. | Internal sensor error or system malfunction. | Refer to the full user manual for specific error code meanings. If persistent, unplug the unit for 10 minutes and restart. If error persists, contact customer support. |

Specifications

| Feature | Specification |
|---------------------------|--|
| Model Name | Sandidry 55C |
| Brand | ARGENDON |
| Dehumidification Capacity | 120 Pints/Day (at 90°F, 90% RH) / 70 PPD (at AHAM) |
| Coverage Area | Up to 1500 Square Feet |

| Feature | Specification |
|--------------------------------|---|
| Air Flow Capacity | 153 CFM (Cubic Feet per Minute) / 260 CMH |
| Power Supply | 110-120V, 60Hz |
| Wattage | 402.25 watts |
| Product Dimensions (D x W x H) | 17.64"D x 11.69"W x 11.85"H |
| Item Weight | 44.91 Pounds |
| Drainage Options | Gravity Drain, Built-in Pump Drain |
| Special Features | Adjustable Humidity Control, Automatic Defrost, Continuous Draining, Energy Star Certified, GPP Mode, Memory Starting |
| Included Components | Dehumidifier, Gravity Drain Hose, Pump Drain Hose, User's Guide, MERV-1 Filter |
| UPC | 745278647204 |

Warranty and Customer Support

Warranty Information:

The Argendon Sandidry 55C Commercial Dehumidifier comes with a 5-year limited warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, please refer to the warranty card included with your product or contact customer support.

Customer Support:

If you have any questions, require technical assistance, or need to make a warranty claim, please contact Argendon Customer Support. Our team is available to assist you.





Website: [Visit the ARGENDON Store on Amazon](#)

Email: support@argendon.com

Phone: 1-800-XXX-XXXX

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Related Documents

| | |
|---|--|
|  | <p>Argendon Guardian 60 Dehumidifier: Specifications, Features, and Applications</p> <p>Explore the Argendon Guardian 60, a powerful and efficient crawlspace, basement, and commercial dehumidifier. Learn about its key specifications, design features, application areas, and proven performance for moisture control.</p> |
|  | <p>Argendon Sandidry Pro55C Dehumidifier Powerful & Energy Efficient Indoor Dehumidification</p> <p>Discover the Argendon Sandidry Pro55C, a powerful and energy-efficient indoor dehumidifier designed for various spaces. Features include intelligent touch control, auto defrost, and a 120-pint capacity.</p> |
|  | <p>Argendon XStorm Plus Dehumidifier: Installation, Operation, and Service Manual</p> <p>Comprehensive guide for the Argendon XStorm Plus Dehumidifier, covering installation, operation, maintenance, troubleshooting, and warranty. Learn how to set up and use your high-performance dehumidifier for optimal air quality.</p> |
|  | <p>XStorm Max Commercial Dehumidifier - Argendon</p> <p>Discover the Argendon XStorm Max, a high-capacity commercial dehumidifier designed for water damage restoration, industrial sites, and hire industries. Featuring 85 PPD capacity, low-temperature operation, built-in pump, and energy-efficient High COP design for up to 2,300 sq ft.</p> |

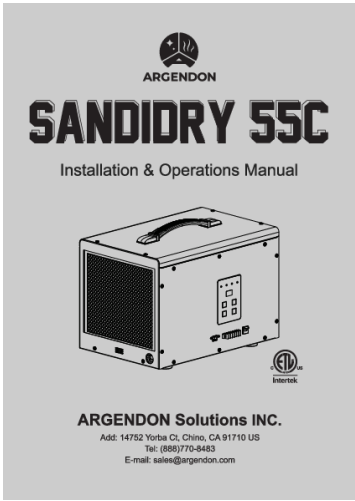
Documents - ARGENDON – Sandidry 55C



[Argendon Shield 35P Whole Home Dehumidifier: Features, Specifications, and Applications](#)

Discover the Argendon Shield 35P Whole Home Dehumidifier. Learn about its features, specifications, GLGR technology, application versatility, and proven performance for efficient moisture removal in homes and commercial spaces.

lang:en score:36 filesize: 1.25 M page_count: 2 document date: 2024-01-24



[Argendon Sandidry 55C Dehumidifier Installation and Operations Manual](#)

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of the Argendon Sandidry 55C Dehumidifier. It covers safety precautions, electrical specifications, principle of operation, key functions, indicator lights, remote control usage, diagrams, and warranty information.

lang:en score:27 filesize: 8.51 M page_count: 20 document date: 2025-03-27



[Argendon Guardian 60 Dehumidifier: Specifications, Features, and Applications](#)

Explore the Argendon Guardian 60, a powerful and efficient crawlspace, basement, and commercial dehumidifier. Learn about its key specifications, design features, application areas, and proven performance for moisture control.

lang:en score:27 filesize: 3.72 M page_count: 2 document date: 2024-10-23



[ARGENDON SANDIDRY 55C Dehumidifier Installation & Operations Manual](#)

Comprehensive installation and operations manual for the ARGENDON SANDIDRY 55C Dehumidifier. Learn about setup, key functions, maintenance, troubleshooting, and warranty information for optimal performance.

lang:en score:22 filesize: 8.5 M page_count: 20 document date: 2024-01-29