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› Argendon Sandidry 55C Commercial Dehumidifier Instruction Manual

ARGENDON Sandidry 55C

Argendon Sandidry 55C Commercial Dehumidifier Instruction Manual

Brand: **ARGENDON** | Model: **Sandidry 55C**

Introduction	Safety Information	Product Overview	Setup	Operating
Instructions	Maintenance	Troubleshooting	Warranty	Customer Support

1. INTRODUCTION

This instruction manual provides detailed information on the installation, operation, and maintenance of your Argendon Sandidry 55C Commercial Dehumidifier. This unit is designed to effectively remove excess moisture from basements, crawl spaces, garages, and other large areas, improving air quality and preventing moisture-related issues. Please read this manual thoroughly before operating the unit and retain it for future reference.

2. SAFETY INFORMATION

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

- Ensure the unit is connected to a properly grounded electrical outlet.
- Do not operate the dehumidifier with a damaged power cord or plug.
- Keep the unit away from water and do not immerse it in liquid.
- Do not block air inlets or outlets. Maintain adequate clearance around the unit for proper airflow.
- Unplug the unit before cleaning, performing maintenance, or moving it.
- 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.
- Do not use the unit in areas where flammable liquids or gases are stored.

3. PRODUCT OVERVIEW

The Argendon Sandidry 55C is a robust commercial-grade dehumidifier designed for high-efficiency moisture removal. It features a durable construction and user-friendly controls.



Figure 3.1: Argendon Sandidry 55C Commercial Dehumidifier. This image shows the front and side view of the white and blue dehumidifier unit with a handle on top and a clear drainage hose in front.

Key Components:

- **Air Inlet/Outlet:** Located on the sides, these allow air to enter and exit the unit.
- **Control Panel:** Front-mounted panel for setting operation modes and humidity levels.
- **Drainage Outlet:** Connection point for gravity or pump drainage hoses.
- **Handle:** Integrated handle on top for easy portability.
- **MERV-1 Filter:** Removable air filter for maintaining air quality and unit efficiency.

4. SETUP

4.1 Placement

Place the dehumidifier on a level, stable surface in the area requiring dehumidification. Ensure adequate space around the unit (at least 12 inches) for proper air circulation. This unit is specifically designed for environments such as crawl spaces and basements.

DESIGNED FOR CRAWL SPACE & BASEMENT

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

Up to **120 Pints/Day**

Airflow **153 CFM**



Figure 4.1: Dehumidifier placed in a basement near stairs, illustrating its suitability for such environments. The image highlights its coverage area of up to 1,500 sq. ft., 120 Pints/Day capacity, and 153 CFM airflow.

4.2 Drainage Options

The Sandidry 55C offers two methods for continuous drainage:

1. **Gravity Drainage:** For this method, connect the provided 6.5 ft gravity drain hose to the unit's drainage outlet. Ensure the hose is sloped downwards to a suitable drain or collection point, allowing water to flow out by gravity.
2. **Pump Drainage:** Utilize the integrated pump for draining water to a higher or more distant location. Connect the provided 19.6 ft pump drain hose to the pump outlet. The pump can lift water up to 19.6 ft vertically.

TWO METHODS OF DRAINAGE



Figure 4.2: Illustration of Gravity Drainage and Pump Drainage setups. The top shows gravity drainage with the unit suspended in a crawlspace, and the bottom shows pump drainage with the unit on the ground.

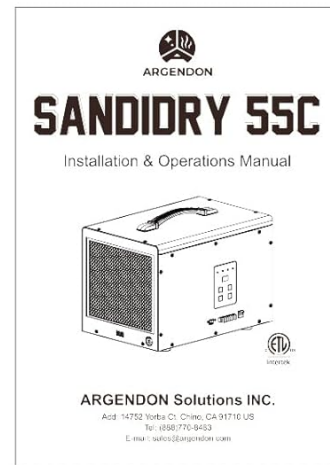
4.3 Initial Power-On

Once the unit is placed and drainage is set up, plug the power cord into a grounded electrical outlet. The unit is now ready for operation.

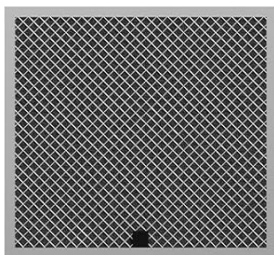
INCLUDED IN THE BOX



Argendon Sandidry 55C



User Manual



MERV-1 Filter



Pump Drain Hose

(19.6 ft)



Gravity Drain Hose

(6.5 ft)

Figure 4.3: Contents included in the box: Argendon Sandidry 55C unit, User Manual, MERV-1 Filter, Pump Drain Hose (19.6 ft), and Gravity Drain Hose (6.5 ft).

5. OPERATING INSTRUCTIONS

5.1 Control Panel

The control panel allows you to manage the dehumidifier's settings and monitor its status.



ENERGY STAR DEHUMIDIFIER

Save Money and Protect the Environment

Figure 5.1: Detailed view of the Argendon Sandidry 55C control panel with buttons for ON/OFF, SET, DRAIN, GPP MODE, and indicator lights for Power, Cont., Pump, and GPP. The display shows the current humidity level.

5.2 Operation Modes

- **Auto Operation:** The unit automatically adjusts its operation based on the set humidity level.
- **Auto Defrost:** The unit features an automatic defrost function to prevent ice buildup on the coils, ensuring efficient operation in low temperatures.
- **Continuous Mode:** The dehumidifier will operate continuously regardless of the humidity level until manually turned off.
- **Memory Starting:** The unit will resume operation with the last settings used after a power interruption.

5.3 Setting Humidity Levels

Use the "SET" button to adjust the desired humidity level. The display will show the target humidity, and the unit will work to maintain this level.

5.4 Optional Remote Control

The Sandidry 55C supports an optional remote control accessory (sold separately) for convenient operation when the unit is placed in hard-to-reach areas like crawl spaces.

HIGHLY EFFECTIVE MOISTURE REMOVAL



Figure 5.2: The Argendon Sandidry 55C connected to an optional remote control unit, demonstrating its use in a crawl space. The remote displays relative humidity (RH) and room temperature (RT).

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

6.1 Filter Cleaning/Replacement

The MERV-1 filter should be inspected and cleaned regularly, typically every 2-4 weeks depending on usage and air quality. A dirty filter can reduce efficiency and airflow.

1. Unplug the dehumidifier.
2. Locate and remove the MERV-1 filter.

3. Clean the filter using a vacuum cleaner or by rinsing it with warm, soapy water. Ensure it is completely dry before reinserting.
4. Replace the filter if it is damaged or cannot be cleaned effectively.

EASY TO CONTROL AND USE



**Auto
Operation**



**Auto
Defrost**



**Continuous
Mode**



**Memory
Starting**

Figure 6.1: Close-up view of the MERV-1 filter, highlighting its mesh design for air filtration.

6.2 General Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

6.3 Drainage System Maintenance

Periodically check the drainage hoses for kinks, blockages, or algae buildup. Clean the hoses as needed to ensure continuous and efficient water removal.

7. TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord loose, circuit breaker tripped.	Check power connection, ensure outlet is functional, reset circuit breaker.
Dehumidifier not removing moisture effectively.	Dirty air filter, blocked air inlets/outlets, room too large, humidity setting too high, low ambient temperature.	Clean/replace filter, ensure clear airflow, verify room size is within unit capacity, lower humidity setting, ensure operating temperature is above 41°F (5°C).
Unit is freezing up.	Low ambient temperature, refrigerant issue.	Ensure operating temperature is within recommended range. If problem persists, contact customer support.
Water is not draining.	Drain hose kinked/blocked, pump malfunction (if using pump drainage), hose not properly connected.	Check and clear drain hose, ensure proper connection, verify pump operation.
Unit is noisy.	Unit not level, fan obstruction, normal operating sound.	Ensure unit is on a level surface. Check for any foreign objects near the fan. Some operational noise is normal.

8. SPECIFICATIONS

Feature	Detail
Brand	ARGENDON
Model Name	Sandidry 55C
Floor Area Coverage	Up to 1300 Square Feet (Optimal for 1500 Sq.Ft. as per image)
Capacity	120 Pints/Day
Color	White
Special Feature	Automatic Defrost
Recommended Uses	Commercial, Basements, Crawl Spaces, Garages, Whole Home, Job Sites, Large Spaces
Material	Metal, Plastic
Operation Mode	Auto Defrost
Product Dimensions (L x W x H)	17.64 x 11.69 x 11.85 inches
Item Weight	51.9 pounds
UPC	745278646726

9. WARRANTY INFORMATION

All ARGENDON dehumidifiers, including the Sandidry 55C, come with a 5-year limited warranty. This warranty covers various components and labor as detailed below:

- **6 Month Parts and Labor:** Includes shipment charges for replacement parts or unit.
- **1 Year Parts and Labor:** Excludes shipment charge to send the defective product back to be repaired or replaced.
- **3-Year Parts and Labor:** Coverage for the refrigeration system only.
- **5-Year Compressor and Coil:** Specific coverage for these critical components.

For additional warranty information or to make a claim, please refer to the official product user manual or contact customer support.

10. CUSTOMER SUPPORT

Should you encounter any issues or have questions regarding your Argendon Sandidry 55C dehumidifier, please do not hesitate to contact our customer support team. Our dedicated professionals are available to assist you with troubleshooting, parts replacement, and general inquiries.

For the most up-to-date contact information, please visit the official ARGENDON website or refer to the contact details provided in your product packaging.

You can also visit the **ARGENDON Store on Amazon** for more product information and support resources.

