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ANDTE ANDTE 190

ANDTE 190 Pints Commercial Dehumidifier

INSTRUCTION MANUAL

1. Introduction

This manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your ANDTE 190 Pints Commercial Dehumidifier. Designed for large spaces up to 6500 sq.ft., this industrial-grade dehumidifier effectively removes excess moisture, featuring a built-in pump for continuous drainage, automatic defrost, and a 24-hour timer. Please read this manual thoroughly before using the appliance and retain it for future reference.

2. Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the power supply matches the voltage specified on the dehumidifier's rating label.
- Do not operate the dehumidifier with a damaged cord or plug.
- Keep the appliance away from water and other liquids.
- Do not insert objects into the air inlet or outlet.
- Unplug the dehumidifier before cleaning or performing any maintenance.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.

3. Package Contents

Verify that all components are present and undamaged upon unpacking:

- ANDTE Commercial Dehumidifier (1 unit)
- Gravity Drainage Hose (1 unit)
- Pump Drainage Hose (1 unit)
- Instruction Manual (This document)

4. Setup

Follow these steps for initial setup:

1. **Placement:** Place the dehumidifier on a flat, stable surface in the desired area. Ensure there is at least 12 inches (30 cm) of space around the unit for proper airflow.
2. **Power Connection:** Plug the power cord into a grounded electrical outlet.
3. **Drainage Setup:**
 - **Continuous Gravity Drainage:** Connect the gravity drainage hose to the drainage outlet on the unit. Ensure the hose is sloped downwards to allow water to drain continuously into a suitable receptacle or floor drain.
 - **Built-in Pump Drainage:** For automatic drainage to a higher location (up to 15 feet vertical height), connect the pump drainage hose to the pump outlet. Ensure the hose is securely connected and directed to a drain or sink. The built-in pump will activate automatically when needed.



Figure 4.1: Front view of the ANDTE Commercial Dehumidifier with the drainage hose connected.

Hands-free & Automatic Drainage

Built-in Pump. The built-in heavy-duty pump automatically drains water at a vertical height of 15 feet, allowing you to drain water freely anywhere.

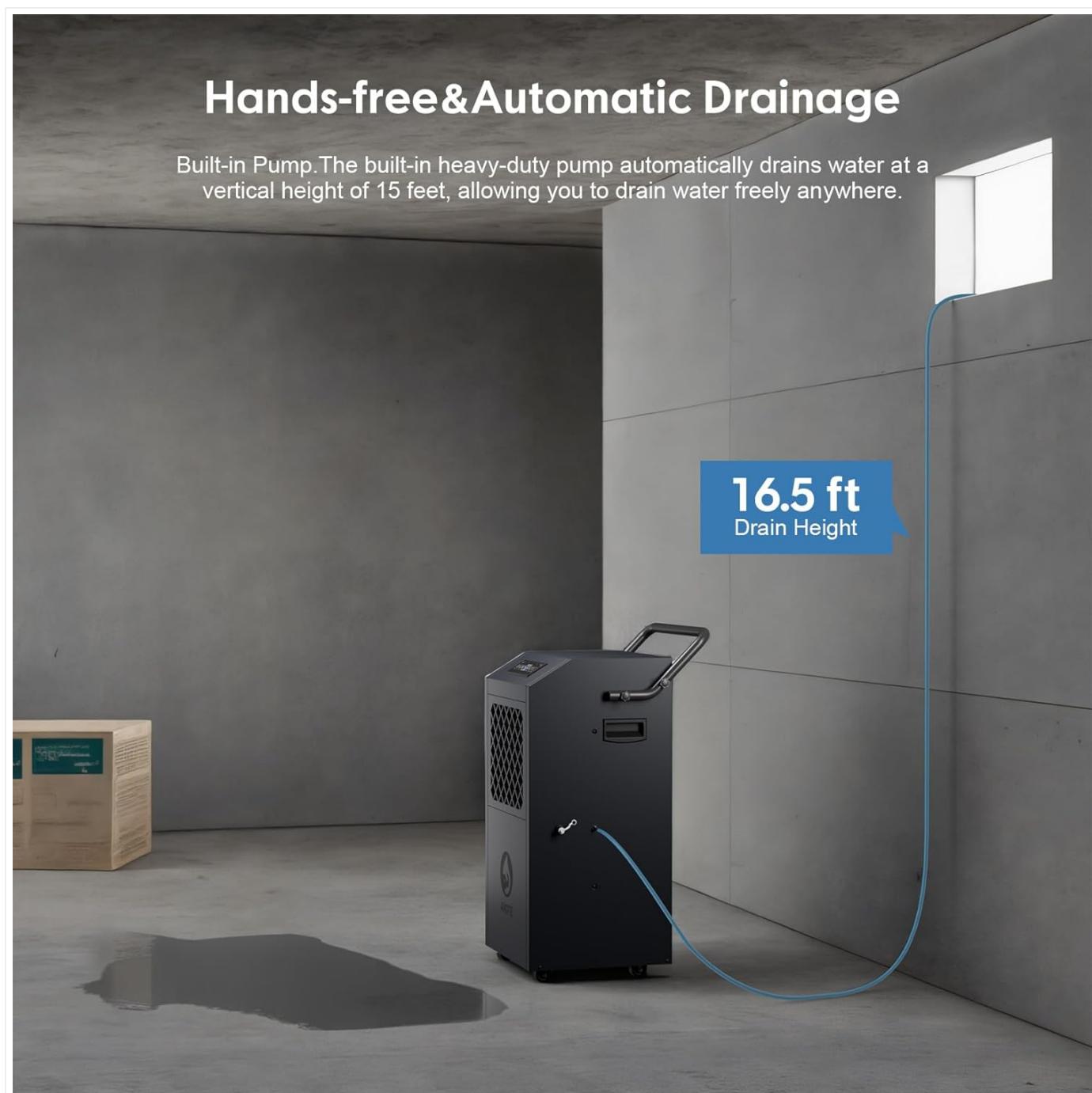


Figure 4.2: Illustration of the automatic drainage setup with the 16.5 ft pump hose.

5. Operating Instructions

The ANDTE 190 Pints Commercial Dehumidifier features an intuitive control panel for easy operation.

High-Efficient Removing Moisture



Figure 5.1: Control Panel Overview.

5.1 Power On/Off

- Press the **POWER** button to turn the unit ON or OFF.
- The unit features an automatic restart function after a power failure.

5.2 Setting Humidity Level

- Use the **UP** and **DOWN** arrows to adjust the desired humidity level (10%-98% RH).
- The dehumidifier will operate until the set humidity level is reached, then cycle on and off to maintain it.

5.3 Timer Function

- Press the **TIMER** button to set a delay for the unit to turn ON or OFF (1-24 hours).
- Use the **UP** and **DOWN** arrows to adjust the desired time.

5.4 Auto Defrost

- The unit is equipped with an automatic defrost cycle. If frost is detected on the coils, the unit will temporarily stop dehumidifying and run the defrost cycle until the frost is cleared. This ensures efficient operation in lower temperatures (working temperature range: 41-104°F).

5.5 Pump Operation

- If the pump drainage hose is connected, the built-in pump will automatically activate to drain collected water when the internal reservoir reaches a certain level.
- The **PUMP** button can be used to manually activate the pump for drainage if needed.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

6.1 Cleaning the Air Filter

- **Frequency:** The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.
- **Procedure:**
 - a. Turn off the dehumidifier and unplug it from the power outlet.
 - b. Locate the air filter (typically on the back or side of the unit).
 - c. Remove the filter.
 - d. Clean the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting. Do not use a dishwasher.
 - e. Reinsert the dry filter into the unit.

6.2 Cleaning the Unit Exterior

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

6.3 Storage

- If storing the unit for an extended period, ensure it is clean and dry.
- Drain all water from the unit and hoses.
- Coil the power cord and hoses neatly.
- Cover the unit to protect it from dust.
- Store in a cool, dry place.

7. Troubleshooting

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply; Power cord not securely plugged in; Unit is off.	Check power outlet and circuit breaker; Ensure power cord is fully inserted; Press the POWER button.
Unit is running but not dehumidifying.	Air filter is dirty; Room temperature is too low (below 41°F); Humidity setting is too high.	Clean the air filter; Ensure room temperature is within operating range; Lower the humidity setting.

Problem	Possible Cause	Solution
Water is leaking.	Drain hose is not properly connected or is kinked; Unit is not level.	Check drain hose connections and ensure it is not kinked; Place the unit on a level surface.
Unit is noisy.	Unit is not level; Air filter is dirty; Obstruction in fan.	Place the unit on a level surface; Clean the air filter; Check for and remove any obstructions.

8. Specifications

Detailed technical specifications for your ANDTE Commercial Dehumidifier:

Feature	Specification
Brand	ANDTE
Model Name	ANDTE 190
Floor Area Coverage	Up to 6500 Square Feet
Moisture Removal (95°F, 90%RH)	190 Pints/Day (23.75 gallons)
Moisture Removal (80°F, 60%RH AHAM)	90 Pints/Day (11.5 gallons)
Power Source	120V~60Hz
Rated Power	1250 watts
Rated Current	11A
Air Flow Capacity	305 Cubic Feet Per Minute (CFM)
Operating Temperature Range	41-104°F
Humidity Setting Range	10%-98% ($\pm 1\%$)
Timer	1-24 Hours
Auto Defrost	Yes
Pump Hose Length	16.5 ft
Product Dimensions (D x W x H)	15.75"D x 14.35"W x 31"H
Item Weight	83 pounds
Material	Alloy Steel
Included Components	Dehumidifier, Gravity drainage hose, Pump drainage hose



Figure 8.1: Visual representation of product dimensions and key specifications.

9. Warranty and Support

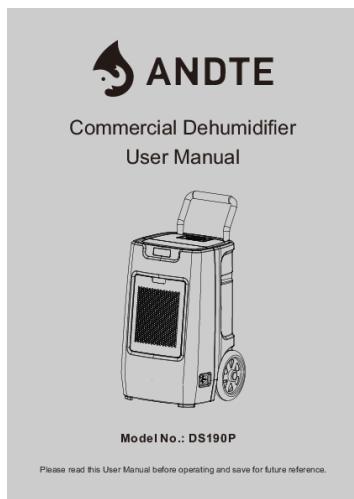
ANDTE is committed to providing reliable quality products and services. All ANDTE Commercial Dehumidifiers are designed for full utilization and durability.

- Warranty:** ANDTE dehumidifiers include a 5-year warranty. Please refer to the warranty card included with your product for specific terms and conditions regarding 5-Year Limited Coverage, 1-Year Full Coverage, and 30-Days Money Back.
- Customer Support:** If you have any questions or encounter issues, please do not hesitate to contact us. We aim to reply to your inquiries within 12 hours and assist you in resolving any problems.

Related Documents - ANDTE 190

 <p>ANDTE Commercial Dehumidifier User Manual Model No.: DS190P Please read this User Manual before operating and save for future reference.</p>	<p>ANDTE DS190P Commercial Dehumidifier User Manual</p> <p>User manual for the ANDTE DS190P commercial dehumidifier, covering safety information, operation instructions, maintenance, troubleshooting, and warranty. Learn how to operate and maintain your unit for optimal performance.</p>
 <p>ANDTE Commercial Dehumidifier User Manual Model No.: DY155 Please read this User Manual before operating and save for future reference.</p>	<p>ANDTE DY155 Commercial Dehumidifier User Manual</p> <p>Comprehensive user manual for the ANDTE DY155 commercial dehumidifier. Learn about setup, operation, maintenance, safety precautions, and troubleshooting for optimal performance.</p>

Documents - ANDTE – ANDTE 190



[**ANDTE DS190P Commercial Dehumidifier User Manual**](#)

User manual for the ANDTE DS190P commercial dehumidifier, covering safety information, operation instructions, maintenance, troubleshooting, and warranty. Learn how to operate and maintain your unit for optimal performance.

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