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REMKO ETF 550

Remko ETF 550 Mobile Dehumidifier Instruction Manual

Model: ETF 550

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1. PRODUCT OVERVIEW

The Remko ETF 550 is a mobile dehumidifier designed for efficient moisture removal in various environments. It effectively prevents damp walls, musty odors, and mold formation, contributing to a healthier indoor climate. This unit is ideal for construction drying, water damage restoration, or general humidity control.

The ETF 550 model comes standard with wheels for easy transport, a robust transport handle, an operating hour counter for tracking usage, and an integrated collection tank for condensate.



REMKO ETF 550
Daily dehumidification output
Max. of 55 liters

Technical data

TABLE 8

Series		ETF 320	ETF 400	ETF 550
Max. daily dehumidification output at 30°C and 80% relative humidity	Liter/Tag	30	43	55
	Liter/Tag	28,4	40,2	50,8
Air capacity	m ³ /h	190	390	600
Condensate tank capacity	Liter	5,5	6,5	6,5
Application temperature range	°C	6-32	3-32	3-32
Application humidity range	% relative humidity	40-100	40-100	40-100
Operating hour counter		-	Series	Series
Voltage supply	V/Hz		230/1~/50	
Max. power consumption	kW/A	0,62/3,4	0,77/3,5	0,82/3,8
Depth	mm	314	590	590
Width	mm	390	555	555
Height	mm	612	890	890
Weight	kg	21,0	40,0	41,0
EDP no.		1610320	1610410	1610550

TABLE 3

Other accessories

Hygrostat, Type HR-1, ready for plug assembly adjustment 20-80% relative humidity	built-in	1011200	1011200
Condensate pump, built-in, incl. 10 m condensate pipe	1011205	1011205	1011205
Condensate pipe, separate, per meter	1011206	1011206	1011206

Image 1: The Remko ETF 550 mobile dehumidifier, a white rectangular unit with a black handle and wheels for portability.

2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before operating the Remko ETF 550 dehumidifier. Failure to comply with these instructions may result in electric shock, fire, or personal injury.

- **Electrical Safety:** Ensure the power supply matches the unit's requirements (230V/50Hz). Do not operate with a damaged power cord or plug. Always unplug the unit before cleaning or maintenance.
- **Placement:** Place the unit on a stable, level surface. Ensure adequate clearance around the air intake

and outlet for proper airflow. Do not block the air vents.

- **Water Handling:** Never immerse the unit in water. Exercise caution when emptying the condensate tank to avoid spills. Do not drink the collected water.
- **Children and Pets:** Keep children and pets away from the operating unit. This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities unless supervised.
- **Operating Environment:** Do not use the unit in explosive or flammable atmospheres. Operate within the specified temperature and humidity ranges (3-32 °C, 40-100% RH).
- **Maintenance:** Only perform maintenance as described in this manual. For repairs, contact authorized service personnel.

3. SETUP GUIDE

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Inspect the unit for any signs of damage during transit. Retain packaging for future storage or transport.
2. **Positioning:** Place the ETF 550 on a firm, level surface in the area requiring dehumidification. Ensure there is at least 20 cm (8 inches) of clear space around all sides for optimal air circulation. Avoid placing it directly against walls or furniture.
3. **Condensate Management:**
 - **Collection Tank:** The unit is equipped with an internal condensate tank. Ensure it is correctly seated before operation. The unit will automatically shut off when the tank is full.
 - **Continuous Drainage (Optional):** For continuous operation without frequent emptying, a condensate pipe can be connected to the drainage outlet. Ensure the pipe is sloped downwards to allow gravity drainage into a suitable receptacle or drain.
4. **Power Connection:** Plug the power cord into a grounded electrical outlet that meets the unit's voltage requirements (230V/50Hz). Do not use extension cords unless absolutely necessary, and ensure they are rated for the appliance's power consumption.

4. OPERATING INSTRUCTIONS

Operating the Remko ETF 550 is straightforward. Follow these steps for effective dehumidification:

1. **Power On:** Once properly set up and plugged in, press the power button to turn on the unit. The operating hour counter will begin recording.
2. **Humidity Control:** The ETF 550 operates continuously to reduce humidity. If precise humidity control is desired, an optional external hygrometer (Type HR-1) can be connected. Refer to the hygrometer's manual for specific settings.
3. **Monitoring:** Allow the unit to run until the desired humidity level is reached or the condensate tank is full. The unit will automatically stop when the tank is full.
4. **Emptying the Condensate Tank:** When the tank-full indicator illuminates (if applicable) or the unit stops, carefully remove the condensate tank. Dispose of the collected water. Reinsert the empty tank securely. The unit will resume operation once the tank is properly reinserted.
5. **Power Off:** To turn off the unit, press the power button. Unplug the unit from the power outlet if it will not be used for an extended period.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Remko ETF 550 dehumidifier.

- **Cleaning the Air Filter:** The air filter should be cleaned regularly, typically every two weeks or more frequently in dusty environments. Turn off and unplug the unit. Locate and remove the air filter (usually at the back or side). Clean it with a vacuum cleaner or wash it gently with warm, soapy water. Ensure the filter is completely dry before reinserting.
- **Cleaning the Unit Exterior:** Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the surface.
- **Condensate Tank Cleaning:** Periodically clean the condensate tank to prevent mold and bacterial growth. Wash it with warm water and a mild detergent, then rinse thoroughly and dry before reinserting.
- **Long-Term Storage:** If storing the unit for an extended period, ensure it is clean and dry. Empty the condensate tank. Store it in an upright position in a dry, dust-free environment.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; power cord not plugged in; power outage.	Check power connection; ensure outlet is functional; check circuit breaker.
Unit is running but not dehumidifying.	Air filter clogged; room temperature too low; humidity too low; unit too small for the room.	Clean air filter; ensure room temperature is within 3-32 °C; check ambient humidity; consider a larger unit if necessary.
Condensate tank is full, but unit is still running.	Tank not properly seated; float switch malfunction.	Ensure tank is correctly inserted; contact service if issue persists.
Unusual noise during operation.	Unit not on a level surface; internal component loose; fan obstruction.	Place on a level surface; check for obstructions; contact service if noise persists.

7. TECHNICAL SPECIFICATIONS (MODEL: ETF 550)

The following table provides detailed technical data for the Remko ETF 550 mobile dehumidifier:

Parameter	Unit	Value (ETF 550)
Max. daily dehumidification output (30°C, 80% RH)	Liter/Day	55
Daily dehumidification output (20°C, 60% RH)	Liter/Day	50.8
Air capacity	m ³ /h	600
Condensate tank capacity	Liter	6.5
Application temperature range	°C	3-32
Application humidity range	% relative humidity	40-100
Operating hour counter		Series
Voltage supply	V/Hz	230/1~/50
Max. power consumption	kW/A	0.82/3.8
Depth	mm	590
Width	mm	555
Height	mm	890
Weight	kg	41.0
EDP no.		1610550



Image 2: A page from the product manual showing a table of technical data for Remko ETF 320, ETF 400, and ETF 550 models, including dehumidification output, air capacity, tank capacity, temperature/humidity ranges, power consumption, dimensions, and weight.

8. OPTIONAL ACCESSORIES

Enhance the functionality of your Remko ETF 550 with these optional accessories:

- **Hygrostat, Type HR-1:** Ready for plug assembly, with an adjustment range of 20-80% relative humidity. Allows for precise control of the desired humidity level.
- **Condensate Pump:** A built-in condensate pump, including a 10-meter condensate pipe, for automatic and continuous drainage over longer distances or against gravity.
- **Separate Condensate Pipe:** Available per meter for custom drainage solutions.

9. WARRANTY AND SUPPORT

Remko products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or visit the official Remko website. Keep your purchase receipt as proof of purchase.

For technical support, spare parts, or service inquiries, please contact your authorized Remko dealer or the Remko customer service department. When contacting support, please have your model number (ETF 550)

and EDP number (1610550) ready.

Manufacturer: REMKO

Model Number: 1610550

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