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› Antari FT-200 Fire Training Fogger User Manual

Antari 51702603

Antari FT-200 Fire Training Fogger User Manual

Model: 51702603

1. INTRODUCTION

The Antari FT-200 is a specialized fog machine designed for fire and rescue service training and education. It generates substantial fog output for realistic fire simulation scenarios. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your FT-200 fogger.

Key features include a 1600W heater, large control knobs, an LCD display for easy adjustments even with work gloves, and a robust metal casing with a carrying handle.

2. IMPORTANT SAFETY INSTRUCTIONS

WARNING: Read all safety instructions before operating the device.

- Always connect the unit to a grounded power outlet.
- Use only Antari-approved fog fluid. Using other fluids may damage the unit and void the warranty.
- Do not operate the machine if the power cord is damaged.
- Ensure adequate ventilation around the unit. Do not block ventilation openings.
- Keep the unit away from flammable materials.
- Do not touch the nozzle during operation or immediately after, as it becomes very hot.
- Do not ingest fog fluid. If ingested, seek medical attention immediately.
- Keep out of reach of children.
- Disconnect from power before cleaning or servicing.

3. SETUP

3.1 Unpacking and Inspection

Carefully remove the FT-200 from its packaging. Inspect the unit for any signs of damage during transit. If any damage is found, contact your dealer immediately.

3.2 Fluid Reservoir Installation

The FT-200 features an internal fluid reservoir. Open the side access panel to insert or remove the fluid container.



Figure 3.2.1: Side view of the Antari FT-200 with the access panel open, revealing the fluid reservoir inside. Ensure the fluid container is securely placed and the hose is properly connected.

1. Locate the fluid reservoir compartment on the side of the unit.
2. Open the access door.
3. Insert the Antari fog fluid container into the compartment.
4. Ensure the fluid hose is fully submerged in the fluid and securely connected to the pump inlet.
5. Close the access door.

3.3 Power Connection

Connect the power cable to a grounded 230V AC, 50Hz power outlet. The power input is located on the front panel.



Figure 3.3.1: Front view of the Antari FT-200, highlighting the power input (labeled "POWER IN") and the control panel with "TIMER" and "VOLUME" knobs, and the "ON/OFF" switch.

3.4 DMX Connection (Optional)

For DMX control, connect a 5-pin XLR DMX cable from your DMX controller to the DMX IN port on the FT-200. Use the DMX OUT

port to daisy-chain to other DMX devices.

4. OPERATING INSTRUCTIONS

4.1 Initial Power On and Preheating

1. Ensure the unit is properly set up with fluid and connected to power.
2. Flip the "ON/OFF" switch to the "ON" position.
3. The unit will begin to preheat. The preheating time is approximately 7.5 minutes. The LCD display will indicate the status.
4. Once preheating is complete, the unit is ready for operation.

4.2 Manual Operation

The FT-200 can be operated manually using the controls on the front panel or via the included W-2 wireless remote control.



Figure 4.2.1: Front view of the Antari FT-200, showing the main control panel with the LCD display, "TIMER" and "VOLUME" adjustment knobs, and the "ON/OFF" switch. These controls allow for precise management of fog output.

- **TIMER Knob:** Adjusts the interval between fog bursts.
- **VOLUME Knob:** Controls the intensity and duration of the fog output.
- **ON/OFF Switch:** Toggles the main power to the unit.

- **LCD Display:** Provides operational status and settings feedback.

4.3 Wireless Remote Control (W-2)

The included W-2 wireless remote allows for convenient remote operation of the fogger. Refer to the remote's separate instructions for pairing and specific functions.

4.4 Fog Output

Once activated, the FT-200 will produce a dense fog output. The fluid consumption rate is approximately 270 ml/min at maximum output.



Figure 4.4.1: The Antari FT-200 in operation, emitting a powerful and dense plume of white fog upwards against a dark background, demonstrating its high output capability for training simulations.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your FT-200 fogger.

5.1 Cleaning

- Always disconnect power before cleaning.
- Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners.
- Periodically run a fog machine cleaning solution through the unit to prevent clogs in the heater coil. Follow the cleaning solution manufacturer's instructions.

5.2 Fluid Storage

Store fog fluid in a cool, dark place, away from direct sunlight and extreme temperatures. Ensure the fluid container is tightly sealed when not in use.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your FT-200 fogger. If the problem persists, contact qualified service personnel.

Problem	Possible Cause	Solution
No fog output	No power; No fluid; Clogged nozzle/pump; Unit not preheated.	Check power connection; Refill fluid reservoir; Run cleaning solution; Wait for preheat indicator.
Weak fog output	Low fluid level; Partially clogged nozzle; Incorrect volume setting.	Refill fluid; Run cleaning solution; Adjust VOLUME knob.
Unit not heating up	Power issue; Heater element malfunction.	Check power connection; Contact service center.
Unusual noise from pump	Low fluid; Air in pump.	Refill fluid; Run unit until air is purged.

7. SPECIFICATIONS

Feature	Detail
Model	FT-200

Feature	Detail
Manufacturer	Antari
Power Supply	230 V AC, 50 Hz
Total Power	1600 W
Tank Capacity	2.4 liters
Preheating Time	7.5 minutes
Fluid Consumption	270 ml/min
DMX Connection	5-pin XLR
Remote Control	W-2 Wireless Remote
Dimensions (L x W x H)	300 x 195 x 415 mm (approx. 11.8 x 7.7 x 16.3 inches)
Weight	16 kg (approx. 35.3 lbs)
Material	Robust Metal Casing (Red finish)

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact your authorized Antari dealer. Keep your proof of purchase for warranty claims.

For the latest information and support resources, visit the official Antari website.

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