PL-HMT-620N

Overview

The PL-HMT-620N Professional Haze Machine is a compact, high-performance atmospheric effects generator engineered for professional stage lighting, theaters, television studios, churches, rental companies, exhibitions, and live event productions. Featuring a 600W high-efficiency rapid heating system and a high-performance electronic pump, the unit delivers fine, consistent haze output with instant operation and exceptional reliability.

Designed for demanding professional applications, the PL-HMT-620N offers precise 0–100% haze output adjustment, DMX512 control, wireless remote operation, and intelligent thermal management for stable long-term performance. Advanced protection features, efficient power utilization, and a robust construction ensure dependable operation while minimizing maintenance, making it an ideal solution for enhancing beam effects, stage atmosphere, and lighting visualization.

Key Feature

- 600W Professional Haze Machine for stage, theatre, studio, broadcast and live event applications.
- High-Efficiency Rapid Heating System provides instant haze generation with no warm-up time required.
- High-Performance Electronic Pump delivers stable, continuous and uniform haze output.
- Maximum Haze Output of 6,000 cu.ft/min for efficient atmospheric coverage.
- 0–100% Adjustable Output Control allows precise haze density adjustment for different lighting environments.
- 1.7L Large-Capacity Fluid Tank supports extended operation with fewer refills.
- Adjustable Fan Angle enables flexible haze distribution and optimized beam enhancement.
- DMX512 / Remote Controller / Manual Control for versatile operation in professional lighting systems.
- DMX512 / 1990 Standard with 1 DMX Channels ensures reliable compatibility with industry-standard lighting controllers.
- Intelligent Temperature-Controlled Cooling System maintains optimum operating temperature for enhanced reliability.
- Automatic Over-Temperature Protection & Low Fluid Protection safeguard the heating system and extend equipment lifespan.
- Power Factor ≥0.95 provides efficient power utilization and stable electrical performance.
- MTBF ≥20,000 Hours ensures dependable long-term operation with reduced maintenance requirements.
- Compact and Rugged Construction designed for touring, rental, permanent installations and professional entertainment venues.



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PL-HMT-620N

Specification

Specification	Details
Product Type	Professional Haze Machine
Heater Power	600W
Power Consumption	600W
Heating System	High-Efficiency Rapid Heating System
Pump System	High-Performance Electronic Pump
Haze Output	6,000 cu.ft/min
Output Control	0–100% Adjustable Output
Heat-Up Time	No Warm-Up Required
Tank Capacity	1.7L
Fan Angle	Adjustable
MTBF	≥20,000 Hours (Mean Time Between Failures)

Specification	Details
Thermal Protection	Automatic Over-Temperature Protection
Low Fluid Protection	Automatic Low Fluid Protection
Power Factor	≥0.95
Control Modes	DMX512 / Remote Controller / Manual Control
DMX Protocol	DMX512 / 1990 Standard
DMX Channels	1:00 CH
Input Voltage	AC 110–220V, 50/60Hz
IP Rating	IP20 (Indoor)
Dimensions (L × W × H)	52 × 40 × 45 cm
Net Weight	21 kg

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