

JEM Hazer Pro™



**PRODUCTS RELY ON
PASSIONATE PEOPLE**
MEET YOUR NEW COMPANION



Martin®
by HARMAN

The new professional hazer

The JEM Hazer Pro™ is a top of the range haze machine designed for the highly demanding professional market.

It's ability to produce exceptionally fine atmospheric haze in a short period of time while operating at low noise levels makes it an ideal choice for rental houses, medium to large shows, theatres, TV studios, clubs, bars, cruise ships, theme parks and more.

Robust yet small and lightweight, the JEM Hazer Pro is capable of dispersing an even, continuous haze with superior optical clarity and reflectivity, the perfect small-particle haze for highlighting today's highly defined light beams. A high-quality air pump system ensures smooth distribution while a unique mixing channel allows the haze to optimize before being expelled.

- **Finest haze production in its class**
- **Water-based fluid with long hang time**
- **Battery powered automatic shutdown prevents clogging**
- Low noise
- Lightweight
- Variable haze and fan controls with 1% increments
- 2.5 liter fluid capacity - 10 hours on full output
- Standard C+ Haze fluid
- Advanced Pump Technology
- Plug-and-play with programmable fast-access keys
- User-friendly on-board control panel with preset functionality
- Short warm up time

Specifications

Physical

Length: 565 mm (22.2 in.)

Width: 269 mm (10.6 in.)

Height: 298 mm (11.7 in.)

Dry weight: 15 kg (33.1 lbs.)

Performance

Operating time: Continuous

Warm-up time (approx.): 6 minutes

Maximum operating time at minimum output with 2.5 l fluid: 65 hours

Maximum operating time at maximum output with 2.5L fluid: 10.5 hours

Control and Programming

Control options: Onboard control panel, DMX, optional digital remote control

Control options: Instant or timer-controlled output, 0-100% adjustable output level

Control options: Adjustable Fan Speed Level

DMX channels: 3

DMX compliance: USITT DMX512-A

RDM compliance: ANSI/ESTA E1.20

Construction

Housing: Steel & aluminum

Heat exchanger: 600 W, direct thermal protection

Fluid System

Fluid pump: Oscillating piston, high pressure

Onboard fluid capacity: 2.5 l

Compatible Fluids: JEM C-Plus Haze Fluid™ only

Installation

Orientation: Floor or flying kit

Connections

Power connection: Neutrik PowerCon

DMX data: 3-pin and 5-pin XLR sockets

Remote control: 3-pin locking XLR

Electrical

AC power (EU models): 220-240 V nominal, 50 Hz

AC power (US models): 110-120 V nominal, 60 Hz

Main fuse (220-240 V power): 6.3 AT

Main fuse (110-120 V power): 10 AT

Typical Power and Current

US model

120 V, 60 Hz: 675 W, 6.0 A

EU model

230 V, 50 Hz: 675 W, 3.1 A

Measurements made at nominal voltage. Allow for a deviation of +/- 10%.

Thermal

Maximum ambient temperature (T_a max.): 40° C (104° F)

Exterior surface temperature, steady state: 30° C (86° F)

Max. nozzle temperature: 290° C (554° F)

Approvals

EU EMC: EN 61000-6-3:2001

EU safety: EN 60 335-1:2002

Immunity: EN 50 366: 2003 Electromagnetic fields, EN 61000-6-1: 2001

US safety (pending): UL 998

Canadian safety (pending): CSA C22.2 No. 104-01

Included Items

Power cable, 1.5 m, without mains plug

Fluid container, 2.5 l

Accessories

Multifunction Digital Remote Control, JEM Hazer Pro™: P/N 92765041

Flying Kit, JEM Hazer Pro™: P/N 92610002

Ordering Information

JEM Hazer Pro™, US Model, 120 V: P/N 92225945

JEM Hazer Pro™, EU Model, 230 V: P/N 92225940

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About Martin Professional

As a world leader in the creation of dynamic lighting solutions for the entertainment, architectural, and commercial sectors, Martin lighting and video systems are renowned the world over. Martin also offers a range of advanced lighting controllers and media servers, as well as a complete line of smoke machines as a complement to intelligent lighting. Martin operates the industry's most complete and capable distributor network with local partners in nearly 100 countries. Founded in 1987 and based in Aarhus, Denmark, Martin is the lighting division of global infotainment and audio company HARMAN International Industries.

For more information please visit



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HARMAN (www.HARMAN.com) designs, manufactures and markets a wide range of audio and infotainment solutions for the automotive, consumer and professional markets – supported by 15 leading brands, including AKG®, Harman Kardon®, Infinity®, JBL®, Lexicon® and Mark Levinson®. The Company is admired by audiophiles across multiple generations and supports leading professional entertainers and the venues where they perform. More than 25 million automobiles on the road today are equipped with HARMAN audio and infotainment systems. HARMAN's highly competent workforce is employed across the Americas, Europe and Asia.

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