Robust yet small and lightweight, the JEM COMPACT HAZER PRO is a versatile haze machine designed for the highly demanding professional market. Its ability to produce exceptional atmospheric haze effects in a short period of time while operating at low noise levels make it ideal for nearly any application from shows and events to theatre, TV studios, clubs, cruise ships, theme parks and more.

Ultra-fast 1 minute ready time

Shutdown cycle to prevent clogging

Actors’ Equity/Broadway League Approved

**Features**

- Continuous Effect Output.
- Sealed fluid system with quick-connect fittings
- User-friendly on board digital control panel.
- Independent variable haze and fan control.
- Water-based fluid provides dense particles and even haze.
- 2.5 liter reservoir - 20 hours on full output.
- Optical Density Timer Control system.
- Advanced Pump Technology (APT)
- Optional flying kit, air director and digital remote control.
- Small footprint - lightweight, less than 25 lb. filled.

**Technical Specifications**

**Physical**

- Length: 532 mm (21.0 in.)
- Width: 224 mm (8.9 in.)
- Height: 278 mm (11.0 in.)
- Height with hanging bracket: 296 mm (11.7 in.)
- Weight, dry: 8.5 kg (18.8 lbs.)
- Weight, filled: 11 kg (24.3 lb.)

**Performance**

- Coverage volume: 3800 m³ (134,196 ft³) per minute
- Operating time with 2.5 l fluid (min/max): 20/70 Hours
- Continuous effect output
- Ready time: 1 minute

**Control and Programming**

- Control options: Digital control panel, DMX, optional digital remote control, master/slave link mode
- Control parameters: Continuous or timer-controlled output
- Haze and fan: Independent variable output, 0-100%
- DMX channels: 3 (Haze, Fan, Control)
- Self-cleaning cycle: Manually engaged or DMX
- DMX compliance: ANSI E1.11 - USITT DMX512-A

**Construction**

- Housing: Steel & aluminum
- Color: Black
- Heat exchanger: 900 W, Thermally protected
- Blower fan: Integrated, 200-2500 RPM
- Airflow control: Optional Air Director
- Fluid pump: Oscillating piston, high pressure
- Fluid management: Fluid out sensing, sealed for transportation
- Fluid reservoir: 2.5 l drop-in reservoir with quick-connect fitting

**Installation**
Mounting: Standing or optional hanging kit
Orientation: Up to +/- 30° from horizontal
Clearance around machine: 100 mm (4 in.)

Connections
AC Power: Neutrik PowerCon
DMX, link mode in/out: 5-pin locking XLR
Remote control: 3-pin locking XLR
Firmware: AVR socket

Electrical
EU model
AC power: 220-240 V, 50/60 Hz
Main fuse: 6.3 AT (slow blow) 250 V
Typical power and current: 1010 W, 4.4 A*

US model
AC power: 110-120 V, 50/60 Hz
Main fuse: 10 AT (slow blow) 125 V
Typical power and current: 1042 W, 8.68 A*

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

Thermal
Maximum ambient temperature (Ta max.): 40° C (104° F)
Minimum ambient temperature (Ta min): 5° C (41° F)
Exterior surface temperature, steady state: 30° C (86° F)
Maximum nozzle temperature: 290° C (554° F)

Approvals
EU model
EU safety: EN 60335-1+A15, EN 62233
EU EMC: EN 61000-6-3
EU Immunity: EN 61000-6-1
Australia/NZ (pending): RCM

US model
US safety: UL 998 (pending)
Canada safety: CSA C22.2 No 104-01 (pending)
Calibration factors have been developed and approved by the Actors’ Equity Association and the Broadway League for use in measuring theatrical haze with the JEM™ Compact Hazer Pro and JEM™ C-Plus Haze Fluid

Included Items
Fluid reservoir, 2.5 l: P/N 34300521
Power input cable, EU, powerCON, stripped ends, 2.5 m (8.2 ft): P/N 11501041
Power input cable, US, powerCON, molded NEMA 5-15P, 2.5 m (8.2 ft): P/N 11501042

Accessories
JEM™ Compact Hazer Pro Air Director: P/N 92625011
JEM™ Compact Hazer Pro Digital Remote Control: P/N 92765040
JEM Compact Hazer Pro™ Flying Kit: P/N 92610003

Approved fluids
JEM™ C-Plus Haze Fluid
JEM™ Pro Clean Supreme

*Various sizes available - contact your dealer or see 'Fluids' product pages for details

Installation Accessories
G-clamp: P/N 91602003
Half-coupler clamp: P/N 91602005
Quick trigger clamp: P/N 91602007
Safety cable, SWL 60 kg, BGV C1/ DGUV 17, black: P/N 91604006
Safety cable, SWL 60 kg, BGV C1/ DGUV 17, silver: P/N 91604007

Service Tools
Epsilon 5 AVR Programmer: P/N 50502004
Temperature Calibration Box: P/N 92620005

Ordering Information
JEM™ Compact Hazer Pro, EU: P/N 92225950
JEM™ Compact Hazer Pro, US: P/N 92225960

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Features, specifications, and appearance are subject to change without notice. Rev. 202203