

# JEM Compact Hazer Pro

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



## GALLERY



## 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 m<sup>3</sup> (134,196 ft<sup>3</sup>) 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

#### 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

