



# JEM ZR45

The JEM™ ZR45 is a high-end fog machine designed to deliver superior and uninterrupted performance in demanding professional applications. Via its enhanced and powerful 2,000 W heat exchanger, the JEM ZR45 produces an exceptional peak output ideal for major venues and stages in both install and rental markets.

The rugged yet weight-optimized JEM ZR45 also features variable output control for more subtle effects and is fully up-to-date with digital remote, DMX and RDM.

The entire JEM ZR range is compatible with a wide range of JEM Pro fog fluids. As machines designed and built to last, the JEM ZRs will continue to perform with great output and low consumption.

## GALLERY



High endurance high-end fog machine

Exceptional performance and output

Various control options via digital remote, DMX and RDM

## FEATURES

- 2,000 W (EU model) / 1,800 W (US model) heat exchanger
- 105 ml in 30 seconds peak performance
- Variable output control for subtle effects
- 9-10 minute warm-up time
- Digital remote, DMX and RDM
- Compatible with a wide range of JEM Pro fog fluids
- Floor standing or truss mounting (bracket included)
- PowerCON TRUE1
- 5-liter bottle

## TECHNICAL SPECIFICATIONS

### Physical

Length: 602 mm (23.1 in.)

Width: 395 mm (15.6 in.)

Height: 306 mm (12.1 in.)

Height including hanging bracket: 393 mm (15.5 in.)

Dry weight: 17.7 kg (39.1 lb.)

### Performance

Operating time: Continuous

Max. operating time at full output with 5 l fluid: 70 minutes (approx.)

Warm-up time: 10 minutes (approx.)

### Control and Programming

Control options: Remote control (supplied), DMX, onboard control panel

Output control: Instant or timer-controlled variable output

DMX channels: 1

DMX compliance: USITT DMX512/1990

### Construction

Housing: Steel & aluminum

### Fluid System

Fluid pump: Oscillating piston, high pressure

Onboard fluid capacity: 5 liters

Installation  
: Floor or integral hanging bracket

Connections  
Power: Neutrik powerCON TRUE1  
Remote control: 3-pin locking XLR  
DMX data: 5-pin locking XLR

#### Electrical

EU model:  
AC power: 220-240 V nominal, 50 Hz  
Main fuse: 12.5 AT (slow blow), 250 V  
Typical power and current: 2100 W, 9.2 A\*

US Model:  
AC power: 110-120 V nominal, 60 Hz  
Main fuse: 20 AT (slow blow), 125 V  
Typical power and current: 1800 W, 15.0 A\*

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

#### Thermal

Maximum ambient temperature (Ta max.): 40° C (104° F)  
Exterior surface temperature, steady state at 20° C ambient: 30° C (86° F)  
Max. nozzle temperature: 290° C (554° F)

#### Approvals

EU safety: EN 60335-1  
EU EMC: EN 61000-6-3  
Immunity: EN 61000-6-1, EN 62233 Electromagnetic fields  
US safety (pending): UL 998  
Canadian safety: CSA C.22.2 No. 104

#### Included Items

: Fluid container, 5 l  
: Digital remote control, JEM ZR series  
: User manual

#### Accessories

Power cables:  
: TBA

Compatible fluids:  
: Pro Smoke High Density\*  
: Pro Smoke Studio (DX Mix)\*  
: Pro Smoke Super (ZR Mix)\*

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

#### Other items:

Analog Remote Control, JEM® ZR series: P/N 92765044  
Ducting System, JEM® ZR45: P/N 92625014

#### Ordering Information

JEM® ZR45 US Model: P/N 92215370  
JEM® ZR45 EU Model: P/N 92215360

