



JEM ZR25

The JEM™ ZR25 is a small, yet powerful fog machine designed to deliver superior and uninterrupted performance in demanding professional applications. Via its 1,150 W heat exchanger, the JEM ZR25 produces large amounts of fog ideal for small to medium-sized venues and stages in both install and rental markets. The JEM ZR25 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



Small but powerful fog machine

Exceptional performance and output for its size

Simple plug-and-play operation via remote control or DMX

FEATURES

- 1,150 W heat exchanger
- 40 ml in 30 seconds peak performance
- 600 m³/min fog output
- Variable output control for subtle effects
- 7-8 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
- 2.5-liter bottle

TECHNICAL SPECIFICATIONS

Physical

Length: 485 mm (19.1 in.)
 Width: 335 mm (13.2 in.)
 Height: 242 mm (9.6 in.)
 Height including hanging bracket: 333 mm (13.2 in.)
 Dry weight: 11.2 kg (24.7 lb.)

Performance

Coverage volume: 600 m³ per minute
 Fluid consumption (max.): 100 ml per minute
 : Continuous effect output
 Ready time: 7 minutes (approx.)

Control and Programming

Control options: Integrated digital remote control, DMX, optional analog remote control, master/slave link mode
 : Continuous output
 DMX channels: 1
 External fluid control: Fluid sensing
 DMX compliance: ANSI E1.11 - USITT DMX512-A
 RDM compliance: ANSI E1.20

Construction

Housing: Steel and aluminum
 Hanging bracket: Integrated yoke with safety attachment point

Color: Black
Heat exchanger: 1150 W, thermally protected
Fluid pump: Oscillating piston, high pressure
Fluid management: Fluid out sensing, sealed for transportation
Fluid out sensing, sealed for transportation: 2.5 l drop-in reservoir with quick-connect fitting

Installation

Mounting: Standing or hanging
Orientation: Up to +/-40° from horizontal
Clearance around machine: 100 mm (4 in.)

Connections

AC Power: Neutrik PowerCON TRUE1
DMX and 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 nominal, 50/60 Hz
Main fuse: 6.3 AT (slow blow), 250 V
Typical power and current: 1200 W, 5.3 A*

US Model:

AC power: 110-130 V nominal, 50/60 Hz
Main fuse: 10 AT (slow blow), 125 V
Typical power and current: 1050 W, 8.8 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: 30° C (86° F)
Max. nozzle temperature: 290° C (554° F)

Approvals

EU safety: EN 60 335-1+A15, EN62233
EU EMC: EN 61000-6-3
EU immunity: EN 61000-6-1
US safety (pending): UL 998
Canadian safety (pending): CSA C.22.2 No. 104.01
Australia/NZ: C-Tick N4241

Calibration factors have been approved by the Actors' Equity Association and the Broadway League for use in measuring atmospheric effects created with this product:

Included Items

Power input cable, EU, 10 A, PowerCON TRUE1, 3 m (6.8 ft.): P/N 11501043
Power input cable, US, 10 A, PowerCON TRUE1, 3 m (6.8 ft.): P/N 11501044
Fluid reservoir, 2.5 l: P/N 34300521
JEM™ ZR Series Digital Remote Control: P/N 55765048
User manual: P/N 35010042

Accessories

Analog Remote Control: P/N 92765044
JEM™ ZR25 Ducting Kit with 5 m (16.4 ft.) duct: P/N 92625012

Mains power input cables:

Power input cable, 16 A, 14 AWG, SJT, 1.5 mm², H05VV-F, UL, VDE, with PowerCON TRUE1 NAC3FX-W connector, 1.5 m (4.9 ft.):
P/N 11541513

Power relay cables:

Power relay cable, 16 A, 14 AWG, SJT, 1.5 mm², H05VV-F, UL, VDE, PowerCON TRUE1 in/out connectors, 0.7 m (2.3 ft.):

P/N 11541514

Power relay cable, 16 A, 14 AWG, SJT, 1.5 mm², H05VV-F, UL, VDE, PowerCON TRUE1 in/out connectors, 1.5 m (4.9 ft.):

P/N 11541512

Power relay cable, 16 A, 14 AWG, SJT, 1.5 mm², H05VV-F, UL, VDE, PowerCON TRUE1 in/out connectors, 3.25 m (10.7 ft.):

P/N 11541511

Power connectors:

Cable connector, PowerCON TRUE1 NAC3FX-W, 16 A, female: P/N 05323416
Cable connector, PowerCON TRUE1 NAC3MX-W, 16 A, male: P/N 05343418

Compatible fluids:

JEM™ Pro Smoke Studio: Available in 5 and 220 l containers
JEM™ Pro Smoke Super: Available in 5, 9.5, 25 and 220 l containers
JEM™ Pro Smoke High Density: Available in 5, 9.5 and 220 l containers
JEM™ I-Fog Fluid: Available in 5, 9.5, and 220 l containers
JEM™ Regular DJ Fluid: Available in 5, 9.5 and 220 l containers
JEM™ Pro Clean Supreme: Available in 2.5 l containers

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

Installation hardware:

G-clamp: P/N 91602003
Half-coupler clamp: P/N 91602005
Quick trigger clamp: P/N 91602007
Safety cable, safe working load 50 kg: P/N 91604003

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

Ordering Information
JEM™ ZR25 US Model: P/N 92215330
JEM™ ZR25 EU Model: P/N 92215320

