



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.

Small but powerful fog machine

Exceptional performance and output for its size

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

GALLERY



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 with hanging bracket: 333 mm (13.2 in.)
 Weight, dry: 11.2 kg (24.7 lbs.)
 Weight, filled: 13.7 kg (30.2 lbs.)

Performance

Coverage volume: 600 m³ (21,189 ft³) per minute
 Fluid consumption (max.): 100 ml per minute
 Continuous effect output
 Ready time: 7 minutes

Control and Programming

Control options: Integrated digital remote control, DMX, master/slave link mode, optional PLC interface
 Control parameters: Continuous or timer-controlled output
 Fog: Variable output control, 0-100%
 DMX channels: 1
 External fluid control: Fluid sensing
 DMX compliance: ANSI E1.11 - USITT DMX512-A
 RDM compliance: ANSI/ESTA E1.20 RDM

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 reservoir: 2.5 l drop-in reservoir with quick-connect fitting
External fluid control: Fluid sensing
Remote control: Integrated digital remote with 3 m cable, 3-pin XLR connector

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
Optional PLC interface: 3- and 4-pin locking XLR

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: 100-130 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)
Minimum ambient temperature (Ta min.): 5° C (41° F)

Approvals

EU model

EU safety: EN 60 335-1+A15, EN62233
EU EMC: EN 61000-6-3
EU immunity: EN 61000-6-1
Australia/NZ (pending): RCM

US model

US safety: UL 998
Canadian safety: CSA C.22.2 No. 104.01

Included Items

Fluid reservoir, 2.5 l: P/N 34300521
JEM™ ZR Series Digital Remote Control: P/N 92765048
Power input cable, EU, PowerCON TRUE1, stripped ends, 3 m (9.8 ft.): P/N 11501043
Power input cable, US, 10 A, PowerCON TRUE1, molded NEMA 5-15P, 3 m (9.8 ft.): P/N 11501044

Accessories

JEM™ ZR25 Ducting System with 5 m (16.4 ft.) ducting: P/N 92625012
JEM™ ZR Series PLC Interface: P/N 92765049

Approved fluids

JEM™ Pro Smoke Studio
JEM™ Pro Smoke Super
JEM™ Pro Smoke High Density
JEM™ I-Fog Fluid
JEM™ Pro Clean Supreme

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, SWL 60 kg, BGV C1/ DGVU 17, black: P/N 91604006

Service tools

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

Ordering Information

JEM™ ZR25, EU: P/N 92215320
JEM™ ZR25, US: P/N 92215330

