

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/client 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

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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
United Kingdom: UKCA
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 C22.2 No 104

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.) 4" flexible ducting: P/N 92625012
JEM External Fluid Reservoir Kit, 25 l: P/N 92620035

Approved fluids
JEM Pro-Fog Fluid, Quick Dissipating
JEM Pro-Fog Fluid
JEM Pro-Fog Fluid, High Density
RUSH & THRILL Fog Fluid
Martin Pro-Clean and Storage Fluid

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

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