

JEM ZR35



The JEM™ ZR35 is a mid-sized fog machine designed to deliver superior and uninterrupted performance in demanding professional applications. Via its powerful 1,500 W heat exchanger, the JEM ZR35 produces a fantastic peak output ideal for mid to large-sized venues and stages in both install and rental markets.

The rugged yet weight optimized JEM ZR35 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.

High endurance mid-sized fog machine

Exceptional performance and output

Various control options via digital remote, DMX and RDM

GALLERY



FEATURES

- 1,500 W heat exchanger
- 50 ml in 30 seconds peak performance
- 800 m³/min fog output
- Variable output control for subtle effects
- 8-9 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
- 4-liter bottle (Also compatible with a 5-liter bottle)

TECHNICAL SPECIFICATIONS

Physical

Length: 590 mm (23.3 in.)

Width: 395 mm (15.6 in.)

Height: 264 mm (10.4 in.)

Height including hanging bracket: 333 mm (13.9 in.)

Weight, dry: 15.1 kg (33.3 lbs.)

Weight, filled: 19.1 kg (42.1 lbs.)

Performance

Coverage volume: 800 m³ (28,252 ft³) per minute

Fluid consumption (max.): 140 ml per minute

Continuous effect output

Ready time: 9 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

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: 1500 W, thermally protected
Fluid pump: Oscillating piston, high pressure
Fluid management: Fluid out sensing, sealed for transportation
Fluid reservoir: 4 or 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

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: 10 AT (slow blow), 250 V
Typical power consumption: 1500 W, 6.8 A*

US model:

AC power: 100-130 V nominal, 50/60 Hz
Main fuse: 15 AT (slow blow), 125 V
Typical power consumption: 1450 W, 12.1 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 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

Included Items

Fluid reservoir, 4 l: P/N 34300523
JEM™ ZR Series Digital Remote Control: P/N 92765048
Power input cable, EU, PowerCON TRUE 1, stripped ends, 3 m (9.8 ft.): P/N 11501043
Power input cable, US, 15A, PowerCON TRUE 1, molded NEMA 5-15P, 3 m (9.8 ft.): P/N 11501045

Accessories

JEM™ ZR35 Ducting System with 5 m (16.4 ft.) ducting: P/N 92625013
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/ DGUV 17, black: P/N 91604006

Service tools

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

Ordering Information

JEM™ ZR35, EU: P/N 92215340
JEM™ ZR35, US: P/N 92215350

