



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.

GALLERY



High endurance mid-sized fog machine

Exceptional performance and output

Various control options via digital remote, DMX and RDM

FEATURES

- 1,500 W heat exchanger
- 70 ml in 30 seconds peak performance
- 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.)
 Dry weight: 15.1 kg (33.3 lb.)

Performance

Operating time: Continuous
 Max. operating time at full output with 4 l fluid: 75 minutes (approx.)
 Warm-up time: 9 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: 4 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: 10 AT (slow blow), 250 V
Typical power and current: 1550 W, 6.8 A*

US Model:
AC power: 110-120 V nominal, 60 Hz
Main fuse: 15 AT (slow blow), 125 V
Typical power and current: 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 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, 4 l
: Digital remote control, JEM ZR series
: User manual

Note that power cables and connectors are not included and must be ordered separately:

Accessories

Power cables:

Power Input Cable, 16 A, 14 AWG, SJT, 1.5 mm², H05VV-F, UL, VDE, with PowerCON TRUE1 NAC3FX-W, 1.5 m (4.9 ft.):

P/N 11541513

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, female: P/N 05323416

Cable Connector, PowerCON TRUE1 NAC3MX-W, male: P/N 05343418

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® ZR35: P/N 92625013

Ordering Information

JEM® ZR35 US Model: P/N 92215350

JEM® ZR35 EU Model: P/N 92215340

