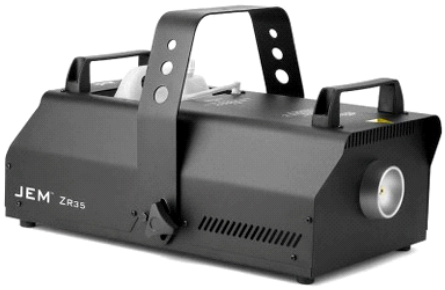

JEM ZR35

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.)
Dry weight: 15.1 kg (33.3 lbs.)
Filled weight: 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, optional analog remote control, master/slave link mode
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

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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

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)

Approvals
EU safety: EN 60335-1+A15, EN62233
EU EMC: EN 61000-6-3
EU immunity: EN 61000-6-1
US safety: UL 998
Canadian safety: CSA C.22.2 No. 104.01
Australia/NZ: C-Tick N4241

Included Items
Fluid reservoir, 4 l: P/N 34300523
JEM™ ZR Series Digital Remote Control: P/N 55765048
Power input cable, EU, PowerCON TRUE 1, stripped ends, 3 m (9.8 ft.): P/N 11501043
Power input cable, US, 15A, PowerCON TRUE1, molded NEMA 5-15P, 3 m (9.8 ft.): P/N 11501045

Accessories
Analog Remote Control: P/N 92765044
Ducting system, 5 m (16.4 ft.), JEM™ ZR35: P/N 92625013

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 (110.3 lbs.): P/N 91604003

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

A C C E S S O R I E S

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Ducting system,
JEM ZR35
P/N: 92625013

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