



JEM Ready 365

The JEM Ready 365 is a revolutionary CO2 based hazer that produces outstanding fine-particulate atmospheric effects for larger venues. Using an advanced water-based fluid that gives a comparable performance to oil, this premium hazer produces the ultimate transparent haze.

The JEM Ready 365 Hazer houses advanced technology like automatic shutdown with battery backup to prevent clogging and OFG (Out of Gas) technology that allows the Ready 365 to produce haze even after gas pressure loss, giving the user time to change the gas cylinder. The Ready 365 is extremely economical and sips small amounts of fluid leaving no residue or smell after dissipation.

The easy-to-use plug and play system requires minimal set up time. Coupled with a list of innovative features and nearly silent in operation, the JEM Ready 365 is the ideal hazer for theatres, house of worship, spoken word, studios, clubs, cruise ships, theme parks and much more.

Exceptional Effect Quality - similar to oil based effects.

Near Silent Operation, limited fan and pump noise.

Actors' Equity/Broadway League Approved.

GALLERY



FEATURES

- Water based fluid provides long hang time and evenly dispersed effect.
- 3.8 l concealed fluid reservoir can yield over 200+ hours of operation.
- Sealed fluid system with quick-connect fittings.
- Inert gas operation from either CO2 or N2.
- Low inert gas consumption. Economical .42kg (.91lb.) per hour at maximum output.
- Gas transfer hose fitted with quick-connect fittings for fast and easy setup.
- Integrated airflow director for smooth haze distribution.
- Plug-and-play with programmable fast-access keys, stored memory.
- DMX control with RDM as standard.
- Optional precision fixed regulator for maximum durability.
- Robust road worthy construction.

TECHNICAL SPECIFICATIONS

Physical

Length: 760 mm (30.0 in.)
Width: 320 mm (12.6 in.)
Height: 280 mm (11.1 in.)
Dry weight: 16 kg (35.3 lbs.)
Filled weight: 19.8 kg (43.7 lbs.)

Performance

Coverage volume: 5500 m3 (194,231 ft3) per minute
Operating time with 3.8 l fluid (min/max): 35/200 hours
Typical gas consumption at maximum output: .42 kg (0.93 lb.) hour
Continuous effect output
Ready time: 7.5 minutes
Ambient noise: Silent mode

Control and Programming

Control options: Digital control panel, programmable fast access keys, DMX, optional digital remote control, master/slave link mode

Control parameters: Continuous or timer-controlled output

Haze and fan: Independent variable output, 0-100%

DMX channels: 3 (Haze, Fan, Control)

Self-cleaning cycle: Battery-powered automatic shutdown, manually engaged, or DMX

DMX compliance: ANSI E1.11 - USITT DMX512-A

RDM compliance: ANSI E1.20

Construction

Housing: Steel and aluminum

Color: Black

Heat exchanger: 600 W trackless heat exchanger, thermally protected

Blower fan: Integrated, 200-2500 RPM

Airflow control: Integrated airflow director

Fluid pump: Oscillating piston, high pressure

Fluid management: Fluid out sensing, sealed for transportation

Fluid reservoir: 3.8 l removable concealed reservoir with quick-connect fitting

Gas transfer system: Transfer hose included with push-pull valved quick-connector

Gas management: Onboard proportional valve and digital mix/pressure sensor

Gas monitoring: Low-pressure warning, OFG (Out of Gas) system

Optional fixed regulator*: Fixed output (30 psi), brass housing, 9 mm and 3/8" BSP

*Region-specific, see matrix for ordering information.

Installation

Mounting: Floor

Orientation: Horizontal only

Clearance around machine: 100 mm (4.0 in.)

Gas type: Inert gas, industrial grade CO₂ or N₂ required

Gas storage*: Customer supplied compressed gas cylinder

Gas storage type: Low-pressure, vapor/gas takeoff only

Gas pressure regulation*: Regulator required, 30 psi

*Region specific.

Connections

AC power in/out: Neutrik PowerCon

DMX, link mode in/out: 3-pin and 5-pin locking XLR

Remote control: 3-pin locking XLR

Firmware upgrade: AVR socket

Gas input coupling: Push-pull valved quick-connect coupling, 6 mm (0.3 in.)

Electrical

EU Model

AC power: 220-240 V, 50/60 Hz

Main fuse: 6.3 AT

Typical power and current: 675 W, 2.9 A*

US Model

AC power: 100-130 V, 50/60 Hz

Main fuse: 10 AT

Typical power and current: 675 W, 5.8 A*

*Measurements made at nominal voltage. Allow for a deviation of +/- 10%

Thermal

Maximum ambient temperature (Ta max.): 40° C (104° F)

Minimum ambient temperature (Ta min): 5° C (41° F)

Exterior surface temperature, steady state: 30° C (86° F)

Maximum nozzle temperature: 290° C (554° F)

Approvals

EU model:

EU EMC: EN 61000-6-3, EN 61000-6-1

EU safety: EN 60335-1+A15, EN 62233

Australia/NZ (pending): RCM

US model:

US safety (pending): UL 998

Canadian safety (pending): CSA C22.2 No 104-01

Calibration factors have been developed and approved by the Actors' Equity Association and the Broadway League for use in measuring theatrical haze with the JEM™ Ready 365 and JEM™ R365 Haze Fluid

Included Items

Fluid container 3.8 l: P/N 34300537

Gas transfer hose with connectors, 9mm and 3/8" BSP, 2 m (6.6 ft.): P/N 26460486

Power input cable, EU, powerCON, stripped ends, 2.5 m (8.2 ft.): P/N 11501041

Power input cable, US, powerCON, molded NEMA 5-15P, 2.5 m (8.2 ft.): P/N 11501042

Accessories

JEM™ Ready 365, Digital Remote Control: P/N 92765041

Compatible gas pressure regulators

Fixed Regulator, UK*: P/N 92620014

Fixed Regulator, USA, Canada, Brazil: P/N 92620015

Fixed Regulator, Germany: P/N 92620016

Fixed Regulator, France, Belgium, North Africa, Greece: P/N 92620017

Fixed Regulator, Netherlands: P/N 92620019

Fixed Regulator, Japan: P/N 92620020

Fixed Regulator, Russia: P/N 92620021

Fixed Regulator, Custom: P/N 92620018

Fixed Regulator, Nitrogen: P/N 92620022

**Covers United Kingdom, Algeria, Australia, Austria, Denmark, Eire, Finland, Hong Kong, Iceland, Italy, Malta, Norway, Poland, Singapore, Spain, Sweden, Switzerland, and UAE. Please contact Martin Professional for regions not listed.*

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

Approved fluids
JEM™ R365 Haze Fluid
JEM™ Pro Clean Supreme
**Contact your dealer or see 'Fluids' product pages for details*

Ordering Information
JEM™ Ready 365, US: P/N 92225975
JEM™ Ready 365, EU: P/N 92225970

