



JEM Glaciator X-Stream

The Jem Glaciator X-Stream creates a total ground fog effect from a self-contained unit. It utilizes the simple but effective Jem heavy fog fluids and a closed loop refrigeration system for an easy-to-produce heavy fog solution.

FEATURES

- Onboard DMX
- On-board control panel
- Optional ducting system
- Density control: low, medium or high
- Continuous output
- 80 m²/min fog output
- 3500 W heat exchanger
- 15 min heat-up time
- 5 liter fluid capacity
- Different fluid options for different applications
- Internal or external fluid supply
- Low fluid sensing
- Self contained unit: no CO₂ or dry ice

TECHNICAL SPECIFICATIONS

Physical

Length: 866 mm (34.1 in.)

Width: 638 mm (25.2 in.)

Height: 725 mm (28.6 in.)

Dry weight: 110 kg (242.5 lbs.)

Performance

Coverage volume: 80 m² per minute

Operating time: Continuous, automatic level adjustment

Warm-up time (approx.): 15 minutes

Control and Programming

Control options: Onboard control panel, DMX

Compatible remote controls: For limited control

DMX channels: 2 (output and compressor)

Protocol: USITT DMX512/1990

Construction

Housing: Steel & aluminum

Heat exchanger: 3500 W, direct thermal protection

Fluid System

Fluid pump: Oscillating piston, high pressure X2

Onboard fluid capacity: Internal 5 l reservoir

External fluid supply: For larger volume remote fluid supply

Fluid consumption at peak output: 120 ml per minute

Installation

Orientation: Floor mount only (On wheels)

Connections

Remote control: 3-pin locking XLR

DMX data: 3-pin locking XLR

Power cable entry: IEC-EN60309-2 Socket (Cee Type)

Electrical

AC power (EU models): 220-240 V nominal, 50 Hz

Main fuse (220-240 V power): Onboard 32 A Breaker

AC power (US models): 208 V, 60 Hz

Main Fuse (208 V power): Onboard 32 A Breaker

Typical Power and Current

EU model:

220 V, 50 Hz: 4483 W, 20.3 A

230 V, 50 Hz: 4900 W, 21.3 A

240 V, 50 Hz: 5335 W, 22.23 A

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

US model:

208 V, 60 Hz: 4200 W, 22.5 A

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

Thermal

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

Exterior surface temperature, steady state: 50° C

Max. nozzle temperature: 200° C

Approvals

EU safety: EN 50 081-1, EN 50 082-1

EU safety: EN 60 335-1 (1995)

Calibration factors have been developed and approved by the Actors' Equity Association and the Broadway League for use in measuring theatrical fog with the JEM Glaciator X-Stream™ and JEM Heavy Fog Fluid, C3™.

Included Items

User manual: P/N 35010020

'C' form female socket for use with own power cable: P/N 05327240

Container 5 l: P/N 34300506

Accessories

Heavy Fog (B2 mix) fluid

Heavy Fog (C3 mix)

JEM Multi-function (Analog) Remote Control: P/N 92765013

Ducting Kit incl. twin adapter and 2 x 5 m ducting: P/N 92625007

Ordering Information

Jem Glaciator X-Stream, 240 V: P/N 92210500

Jem Glaciator X-Stream, 208 V: P/N 92210501



ACCESSORIES



AF-1 Analog
Remote Cntrl.
multi-functn
P/N: 92765013



Ducting system,
Glaciator X-Stream
HFG
P/N: 92625007



Fluid drain pipe kit,
HFG
P/N: 92620004



Heavy Fog Fluid
C3 25 L
P/N: 97120811