



# JEM K1 Hazer

The Jem K1 Hazer is Martin's top-of-the-line hazer for high performance applications where a high level of reliability and easy serviceability is required. Feature-rich and of solid construction, the Jem K1 provides the ideal combination of continuous operation, long hang time, and low fluid consumption for greater economy.

## FEATURES

- Designed for service ease
- Continuous output
- Output and density level control
- 5000 m<sup>3</sup>/min haze output
- Integrated high velocity fan (variable fan speed)
- 600 W heat exchanger
- 2.5 liter fluid capacity
- Low fluid consumption and longer hang-time for greater economy
- Water based - no oil residue on light fixtures
- Automated shut-down procedure to prevent clogging
- On-board DMX, 3 & 5 pin
- On-board control panel
- Fast access set-up mode
- Optional digital remote control
- Silent Mode
- Eco mode extends run time and improves fluid economy

## TECHNICAL SPECIFICATIONS

### Physical

Length: 544 mm  
Width: 459 mm  
Height: 344 mm  
Dry weight: 21.5 kg

### Performance

Coverage volume: 5000 m<sup>3</sup> per minute  
Max. operating time at full output (approx.): 17 hours  
Operating time: Continuous, automatic level adjustment  
Warm-up time (approx.): 5 minutes

### Control and Programming

Control options: Onboard control panel with 4-digit display  
Control options: Instant or timer-controlled output, 0-100% adjustable output level  
Control options: Adjustable Fan Speed Level  
DMX channels: 2 (output and fan)  
Optional digital remote control: 92765036

### Construction

Housing: Steel & aluminum  
Heat exchanger: 600 W, direct thermal protection

### Fluid System

Fluid pump: Oscillating piston, high pressure  
Onboard fluid capacity: 2.5 l  
Fluid consumption at peak output: 140 ml per hour  
Approved fluids: Jem K1 Haze Fluid™ only

### Installation

Orientation: Floor or flying kit

#### Connections

Power connection: Neutrik PowerCon  
DMX data: 3-pin and 5-pin XLR sockets  
Remote control: 3-pin locking XLR

#### Electrical

AC power (EU models): 220-240 V nominal, 50 Hz  
AC power (US models): 110-120 V nominal, 60 Hz  
Main fuse (220-240 V power): 5 AT  
Main fuse (110-120 V power): 10 AT

#### Typical Power and Current

##### US model:

120 V, 60 Hz: 675 W, 6.0 A

##### EU model:

230 V, 50 Hz: 675 W, 3.1 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: 40° C  
Max. nozzle temperature: 200° C

#### Approvals

EU EMC: EN 6100-6-3:2001 - Part 6-3  
EU safety: EN 60 335-1:2002  
Immunity: EN 61000-6-1:2001 - Part 6-1  
ETL approvals (cETLus): UL Std.998, CAN/CSA Std. C22.2 No 104-01

#### Accessories

K1™ Haze Fluid, 2.5 gal./9.5 ltr.: 97120411  
K1™ Haze Fluid, 4 x 2.5 ltr.: 97120407  
JEM K1 Hazer Remote Control: 92765036

#### Ordering Information

Jem K1 Hazer, 110 V: 92225900  
Jem K1 Hazer, 240 V: 92225901

