

Magnum Club Smoke™ Specifications

Magnum Club Smoke is a unique twin-headed fog package with a remote, ground based fluid supply. The two compact fog heads (each with a 1000 W heater) deliver a continuous, high volume of dense white fog.

Features

- Base unit allows heads to be positioned up to 50 meters away
- Up to 4 heads in one system
- Continuous output
- 500 m³/min fog output (per head)
- 1000 W heat exchanger
- 7 min heat-up time
- Truss mounting
- 10 liter fluid capacity
- Different fluid options for different applications
- Onboard DMX
- Multifunctional remote control

Physical

Length (Head): 330 mm (13.0 in.)
Width (Head): 310 mm (12.2 in.)
Height (Head): 165 mm (6.5 in.)
Dry Weight (Head): 10 kg (22.0 lbs.)

Length (Base): 410 mm (16.1 in.)
Width (Base): 290 mm (11.4 in.)
Height (Base): 480 mm (18.9 in.)
Dry weight (Base): 12 kg (26.5 lbs.)

Performance

Max. fog output (approx.): 500 m³ per minute per head
Max. operating time at full output (approx.): 71 minutes (full 4-head system)
Operating time: Continuous, automatic level adjustment
Warm-up time (approx.): 7 minutes

Control and Programming

Control options: Remote control (supplied), DMX, 0-10 V analog
Remote control features: Instant or timer-controlled variable output
Timer range: Delay time 2-144 seconds, run time 2-144 seconds
DMX channels: 1
Protocol: USITT DMX512/1990

Construction

Housing: Steel & aluminum
Heat exchanger: 1000 W, direct thermal protection

Fluid System

Fluid pump: Oscillating piston, high pressure X2
Onboard fluid capacity: 10 l

Fluid consumption at peak output: 100 ml per minute, per head

Installation

Orientation (Head): Any (ceiling panel or wall recommended)

Orientation (Base): Floor or wall mount

Connections

Remote control: 3-pin locking XLR

DMX data: 3-pin locking XLR

Power cable entry: 3-pin IEC male socket

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) Head: 6.3 AT (slow blow)

Main fuse (110-120 V power) Head: 12.5 A (slow blow)

Main fuse (220-240 V power) Base: 3.15 AT (slow blow)

Main fuse (110-120 V power) Base: 5 AT (slow blow)

Typical Power and Current

Head Unit

US model

110 V, 60 Hz: 840 W, 7.64 A

115 V, 60 Hz: 918 W, 7.98 A

120 V, 60 Hz: 1000 W, 9.09 A

EU model

220 V, 50 Hz: 840 W, 3.82 A

230 V, 50 Hz: 918 W, 3.99 A

240 V, 50 Hz: 1000 W, 4.16 A

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

Base Unit

US model

110 V, 60 Hz: 84 W, 0.76 A

115 V, 60 Hz: 92 W, 0.8 A

120 V, 60 Hz: 100 W, 0.83 A

EU model

220 V, 50 Hz: 84 W, 0.38 A

230 V, 50 Hz: 92 W, 0.4 A

240 V, 50 Hz: 100 W, 0.42 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: 50° C (122° F)

Max. nozzle temperature: 200° C (392° F)

Approvals



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

EU safety: EN 60 335-1 (1995)