JEM AF-1 MkII

The JEM AF-1 MkII is Martin's industry-standard compact fan which sets the benchmark for effect fans. The JEM AF-1 MkII is more responsive and even more versatile than its original predecessor the AF-1. Using a 12" sealed axial motor, with variable speed, the AF-1 is responsive even at low speeds while remaining silent, only producing 70 dBA at maximum speed. The AF-1 MkII has integrated DMX or by using the included remote control to control, it is the ideal fan for a large variety of indoor or outdoor applications from touring and stage to theme parks, cruise ships and much more.

Integrated DMX and included remote control

Instant On

Low noise, 70 dBA at maximum output

FEATURES

- 12" Sealed motor – resists moisture

- Variable speed range and control

- Instant On

- Low minimum speed

- Integrated DMX

- Included analog timer remote control

- Reduced motor noise at low speeds, 70 dBA at maximum

- Floor standing or truss mounting

- Broad regulatory compliance

TECHNICAL SPECIFICATIONS

Physical
Width: 320 mm (12.6 in.)
Width with multi-function bracket: 397 mm (15.6 in.)
Height: 350 mm (13.8 in.)
Height with multi-function bracket: 407 mm (16.0 in.)
Depth: 176 mm (6.9 in.)
Weight: 8.5 kg (18.7 lb.)

Performance
Maximum airflow: 1815m^3 (65 000 ft^3) hour
CFM: 1083 CFM
Fan speed: 200-2500 rpm
Noise level (max): 70 dBA

Control and Programming
Control options: Included analog timer remote control, DMX, test switch
Control parameters: Instant or timer-controlled output
Fan: Variable output, 0-100%
Remote cable: 3-pin XLR, includes 3 m (9.8 ft.), maximum length 50m (164 ft.)
DMX channels: 1
DMX compliance: ANSI E1.11 - USITT DMX512-A

Construction
Housing: Steel
Color: Black
Fan: 12" Sealed axial motor
Multi-function bracket: Integrated yoke w/safety attachment point

Installation
Mounting: Floor or hanging
Orientation: Any
Minimum clearance around machine: 101 mm (4 in.)

Connections
AC Power, EU: IEC male inlet, C14
AC Power, US: Hardwired 5P mains, 3 m 5(9.8 ft.), NEMA
DMX in/out: 3- and 5-pin locking XLR
Remote control: 3-pin locking XLR

Electrical

EU Model
AC Power: 220-240 V, 50/60 Hz
Fuse: 5 AT (slow-blow), 250 V
Typical power and current: 120 W, 0.53 A*

US Version
AC Power: 100-130 V, 50/60 Hz
Fuse: 3.15 AT (slow blow), 125 V
Typical power and current: 175 W, 1.48 A*
Measurements made at nominal voltage. Allow for a deviation of +/- 10%.:

Thermal
Minimum ambient temperature: 0° C (32° F)
Maximum ambient temperature: 55° C (131° F)

Approvals

EU Model:
United Kingdom: UKCA
EU safety: BS EN 60335-1+A15
EU EMC: EN 61000-6-3
EU immunity: EN 61000-6-1
Australia/NZ (pending): RCM

US Model:
US safety: UL Std. 507
Canadian safety: CSA C22.2 No 113

Included Items
Analog timer remote control, 3 m (9.8 ft.) cable: P/N 92765022
Power input cable, EU, IEC C13 female, stripped ends, 1.5 m (4.9 ft.): P/N 11501012 Multi-function bracket and hardware

Accessories

Installation Accessories
Half-coupler clamp: P/N 91602005
G-clamp (vertical hanging suspension only): P/N 91602003
Quick trigger clamp (vertical hanging suspension only): P/N 91602007
Safety cable, SWL 60 kg, BGV C1/ DGUV 17, black: P/N 91604006

Service Tools
Epsilon 5 AVR Programmer: P/N 50502004

Ordering Information
JEM AF-1 MkII DMX fan, 115V, US: P/N 92615110
JEM AF-1 MkII DMX fan, 230V, EU: P/N 92615010