



# JEM AF-2

The JEM AF-2 DMX fan is a high-output fully DMX controllable fan. The fan casing is constructed from lightweight aluminum to make it easy for one person to carry; weight has been limited to only 17.5 kg with the included flying bracket installed. It is supplied with an analog timer remote control for fast and easy control. The included aluminum flying bracket is compatible with the Omega clamp system and an optional "Touring Frame" is available for added protection against the rigors of the road with an included remote control storage system perfect for rental production purposes. The 24" fan motor is sealed to withstand high condensation levels. The JEM AF-2 DMX fan has been designed as a complimentary item for a complete atmospheric system solution with special effects, theme parks, photography film/studio work in addition to traditional stage and theatre applications in mind.

## GALLERY



Integrated DMX and included remote control

Low-noise, 73 dBA at maximum output

Variable speed, range and control

## FEATURES

- 24" Sealed motor, resists moisture
- Variable speed, range and control
- Instant-on, low minimum speed
- Multi-functional timer remote control included
- Integrated DMX
- Floor standing or truss mounting
- Optional "Touring Frame"
- Low Noise level, only 73 dBA at maximum output
- Broad regulatory compliance

## TECHNICAL SPECIFICATIONS

### Physical

Width: 600 mm (23.7 in.)  
Height: 600 mm (23.7 in.)  
Depth: 310 mm (12.2 in.)  
Weight: 15.7 kg (34.7 lb.)  
Width with flying bracket: 700 mm (27.5 in.)  
Height with flying bracket: 680 mm (26.8 in.)  
Depth with flying bracket: 310 mm (12.2 in.)  
Weight with flying bracket: 17.5 kg (38.6 lb.)  
Width with optional Touring Frame: 750 mm (29.6 in.)  
Height with optional Touring Frame: 770 mm (30.4 in.)  
Depth with optional Touring Frame: 335 mm (13.2 in.)  
Weight with optional Touring Frame: 21.4 kg (47.2 lb.)

### Performance

Maximum airflow: 5700 m<sup>3</sup> (201,295 ft<sup>3</sup>) hour  
CFM: 3355 CFM  
Fan speed: 0-1400 rpm  
Noise level (max): 73 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 5 m (16.4 ft.), maximum length 50m (164 ft.)

DMX channels: 1  
Protocol: ANSI E1.11 - USITT DMX512-A

#### Construction

**Housing: Aluminium**  
Color: Black  
Fan: 24" Sealed axial  
Flying bracket: Integrated yoke w/safety attachment point  
Mounting points: Accepts optional standard omega, or wide omega bracket  
Optional touring frame: Steel, black, integrated remote control storage

#### 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 m-a1in5sP, 3 m (9.58 ft.), NEMA  
DMX data: 3-pin and 5-pin XLR socket  
Remote control: 3-pin locking XLR

#### Electrical

##### EU Version:

AC Power: 220-240 V, 50/60 Hz  
Fuse: 5 AT (slow-blow), 250 V  
Typical power and current: 245 W, 1.2 A\*

##### US Version:

AC Power: 100-130 V, 50/60 Hz  
Fuse: 6.3 AT (slow-blow), 125 V  
Typical power and current: 350 W, 3.3 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 Version

**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 Version

**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  
Flying bracket and hardware

#### Accessories

Touring Frame, AF-2: P/N 92620006

#### Installation accessories

Omega Bracket: P/N 91602001 (2 required)  
Omega Bracket, Wide 250-300: P/N 91602000 (1 required)  
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  
Safety cable, SWL 60 kg, BGV C1/ DGUV 17, silver: P/N 91604007

#### Service tools

Epsilon 5 AVR Programmer: P/N 50502004

#### Ordering Information

JEM AF-2 DMX fan, 115V, US P/N 92615400  
JEM AF-2 DMX fan, 230V, EU: P/N 92615300

