

# AIRTUBE<sup>®</sup> Fans

## Specification Sheet

### AT2-710 AirTube<sup>2</sup> Fan Assembly

#### Description

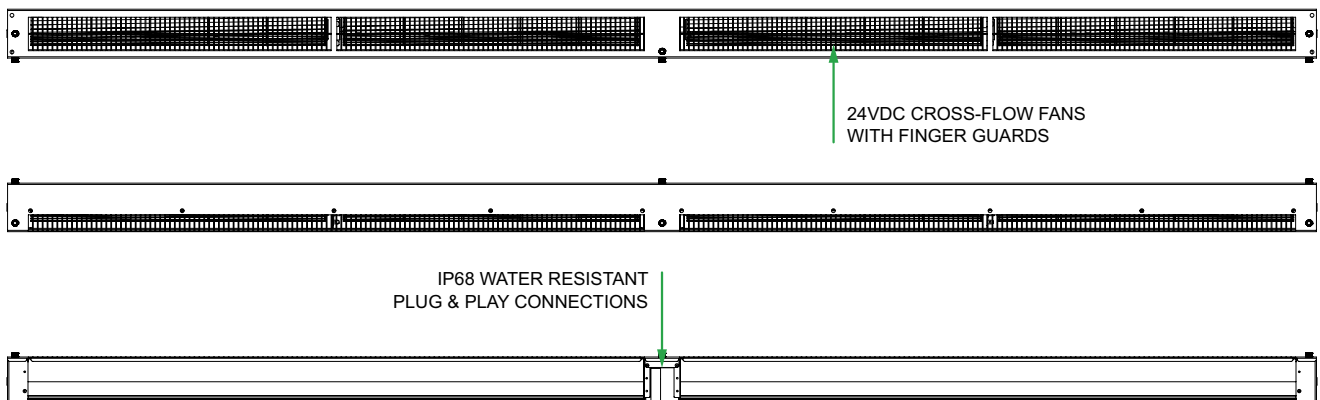
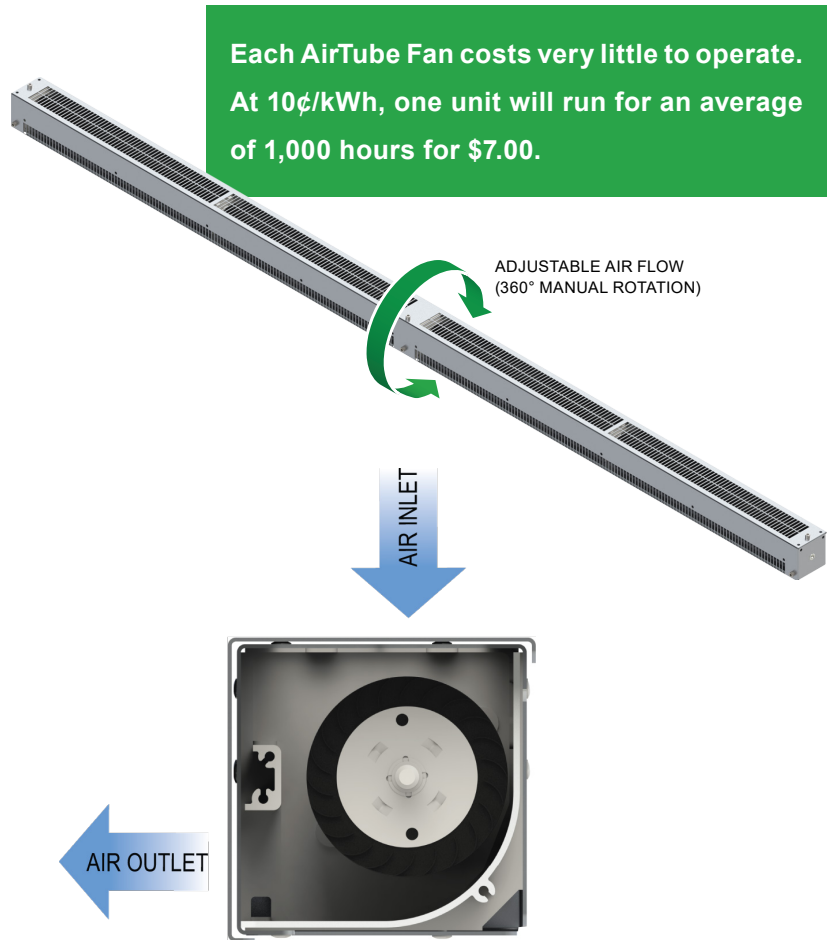
**AT2-710 (AirTube<sup>2</sup> Fan Assembly)** is designed to improve indoor plant growth with optimal ventilation and air movement. In addition, the AT2-710 reduces potential wind burn damage and micro-climate changes within the canopy.

The main fan housing is constructed of 20 gauge (1mm) aluminum. The unit is designed to be easily installed by a single individual, and is fully accessible for cleaning.

Air flow is provided by safe and efficient 24VDC variable speed ECM cross-flow fans, rated IP55 for water resistance. Each AT2-710 consumes 70W of power to produce up to 720 cfm (1,224 m<sup>3</sup>/hr) free air flow at a constant velocity over the length of the grow rack. Air flow direction is adjustable 360° without removing the unit.

Electrical supply is provided by an external 24VDC AirTube Power Control Module with overcurrent protection. Up to six (6) AirTube<sup>2</sup> Fan units can be connected to a single 120/208/230/277V power supply. Power is transmitted via Plug & Play cables, which are UV and water resistant (IP68). Internal wiring components (IP67) and fan motors (IP55) are protected to facilitate cleaning or in the event of water spray.

Each AirTube Fan costs very little to operate. At 10¢/kWh, one unit will run for an average of 1,000 hours for \$7.00.

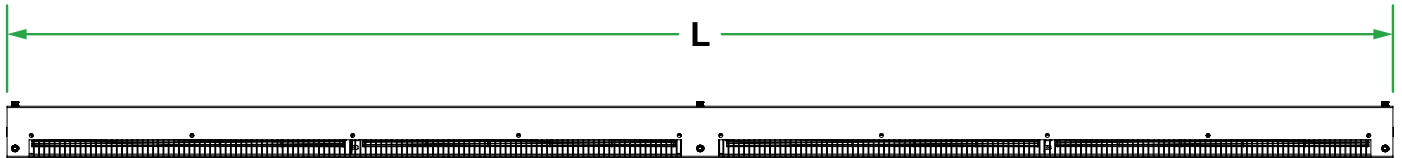


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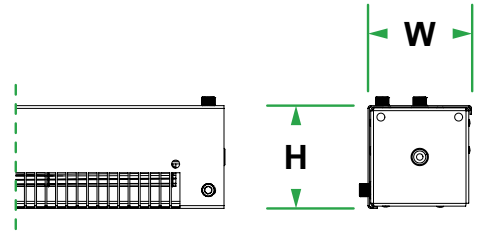
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#### Unit Detail

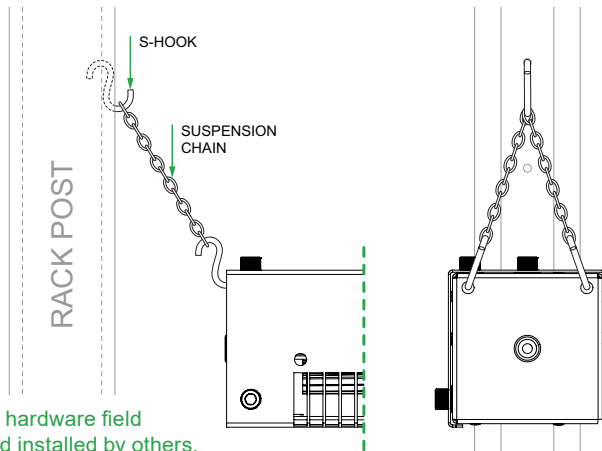


L LENGTH		W WIDTH		H HEIGHT	
in	mm	in	mm	in	mm
80.5	2045	2.9	74	3	76
ALL DIMENSIONS NOMINAL ± 0.1" (2.5mm)					

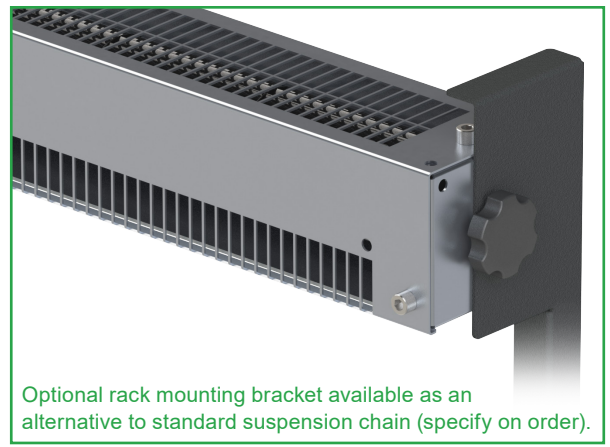


Additional length options available; specify on order.

#### Mounting

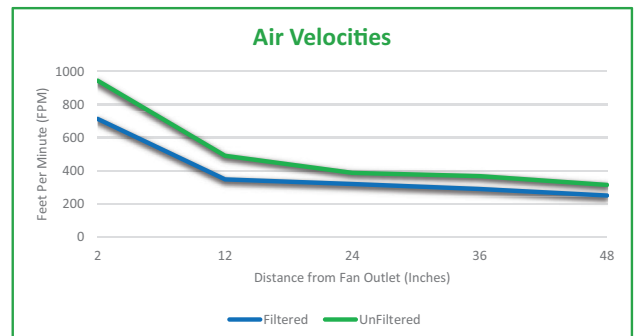
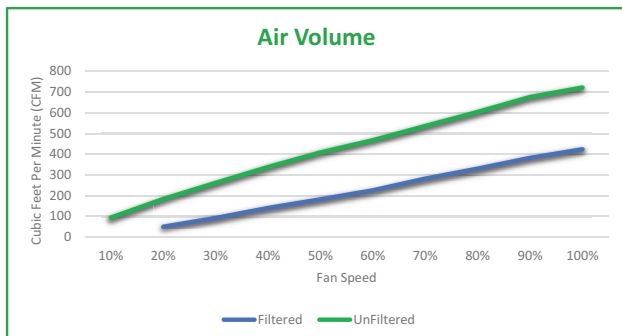


All mounting hardware field furnished and installed by others.



Optional rack mounting bracket available as an alternative to standard suspension chain (specify on order).

#### Performance



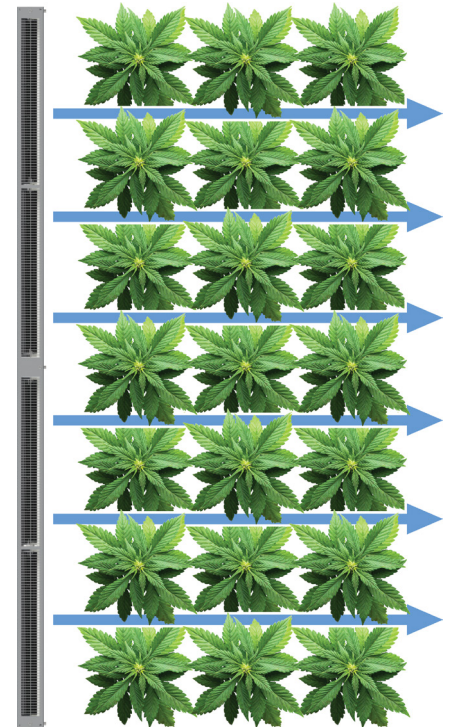
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#### Engineered Rack-Mounted Air Flow Solution

- Ventilate through all rows of plants while minimizing potential wind burn
- AirTube<sup>2</sup> Fans provide each layer of plants with consistent velocity of conditioned air
- AirTube<sup>2</sup> Fans are easily positioned high, low or mid rack as the grower determines
- No plants are displaced by AirTube<sup>2</sup> Fans
- Unit housing can be easily opened (no tools required) and cleaned without risk of water damage to internal components
- Water-resistant electrical design: IP55 fan motors, IP67 internal wiring and IP68 external cables and connections



#### Specifications

- Application:** Indoor Plant Growth | Suspended Grow Rack Mounting
- Unit Construction:** Main Fan Housing | 20 Gauge (1mm) Aluminum  
360° Manual Rotation for Adjustment of Airflow Direction
- Unit Dimensions:** 80.5" x 2.9" x 3" (2045mm x 74mm x 76mm)  
LxWxH (Nominal)  
Additional Length Options Available (Specify on Order)
- Airflow Capacity:** Up to 720 cfm (1,224 m<sup>3</sup>/hr) Free Air  
(Nominal Maximum)
- Electrical:** Specify Voltage on Order: 120V (120/1/60) | 208V (208/1/60) | 230V (230/1/60) | 277V (277/1/60)  
Six (6) AT2-710 Units per 24VDC AirTube Power Control Module (Standard)