

AirVolution-D 370

The next generation of air movement is here and engineered for maximum performance with peak efficiency. Ideal for ceiling heights as low as 12 feet, the AirVolution-D 370 commercial ceiling fan is the perfect airflow solution for cooling your smaller spaces. A sleek design and custom color options add to its appeal, making these fans the most attractive ceiling fans on the market.

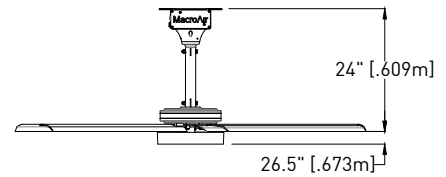


STANDARD FEATURES

- Ultra Efficient, PMAC Direct Drive motor
- Revolutionary integrated drive/mount/enclosure system*
- Clearcoat anodized blades
- Forward, reverse, variable speed
- Rated for indoor and outdoor use***
- Capable of Building Automation Integration (with AirLynk upgrade) and fire alarm
- Digital wall controller with fault code access



ILLUSTRATION SHOWN WITH STANDARD DROP LENGTH



Note: Custom drop lengths greater than 5 ft require guy wires

STEP 1: POWER UNIT

| Item # | Options | Qty |
|--------------|---------------------------------------|-----|
| M370-0025-MA | AVD 370 Power Unit, 3/4 HP Equivalent | |

STEP 2: FAN BLADE DIAMETER

| Item # | Diameter | Qty |
|-------------|----------------|-----|
| 60-20006-00 | 6 ft / 1.83 m | |
| 60-20008-00 | 8 ft / 2.44 m | |
| 60-20010-00 | 10 ft / 3.05 m | |
| 60-20012-00 | 12 ft / 3.66 m | |

STEP 3: VOLTAGE

| Item # | Diameter | Qty |
|-------------|--------------------------------|-----|
| 30-05005-00 | 100-120V Single Phase, 50/60Hz | |
| 31-21010-00 | 208-240V Single Phase, 50/60Hz | |

STEP 4: MOUNTING

| Item # | Options | Qty |
|-------------|--|-----|
| 60-50143-00 | Rapid Mount Commercial with I-beam Hardware Kit (up to 5ft drop length) (Standard) | |
| 60-50142-00 | AVD Universal Mount with I-beam Hardware Kit | |
| 60-40049-00 | Glulam Hardware Kit | |

STEP 5: CONTROLS

| Item # | Description | Qty |
|-------------|--|-----|
| 30-90308-00 | Digital Remote Assembly (Standard) | |
| 30-04006-00 | Controller 4 | |
| 30-04007-00 | Controller 4 + Temperature Sensor | |
| 30-04030-00 | Controller 30 | |
| 30-10012-00 | AirLynk - BacNet | |
| 30-04030-02 | Dual Control Enabled Controller 30 (requires AirLynk-BacNet) | |

* Patent Pending - U.S. Provisional Application No. 63/157,965

** Pending UL 507

*** Fan unit only

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STEP 5: STOCK DROP LENGTHS

| Item # | Length (ft/in) | Length (m) | Qty |
|---------------|-------------------|------------|-----|
| 5x-D01in-02 | 1 ft* | 0.30 m | |
| 5x-D0200-02 | 2 ft (Standard) | 0.61 m | |
| 5x-D0300-02 | 3 ft | 0.91 m | |
| 5x-D0400-02 | 4 ft | 1.22 m | |
| 5x-D0500-02 | 5 ft | 1.52 m | |
| 5x-D0600-02 | 6 ft | 1.83 m | |
| 5x-D0700-02 | 7 ft | 2.13 m | |
| 5x-D0800-02 | 8 ft | 2.44 m | |
| 5x-D0900-02 | 9 ft | 2.74 m | |
| 5x-D1000-02 | 10 ft | 3.05 m | |
| 5x-Dftin-02** | Customization fee | | |

x = **0** for Rapid Mount Commercial,
or **1** for AVD Universal Mount

ft = length in **feet** (i.e. 04 for 4 feet, 10 for 10 feet)

in = length in **inches** (i.e. 05 for 5 inches, 10 for 10 inches)

*1 ft is the shortest allowed drop length for AVD-370. Lengths shorter than the standard drop length are not recommended and will **not work** for some fan diameters. Consult MacroAir for more details.

To order custom Drop Length or length greater than 10 ft, please call MacroAir.

DROP LENGTH is the distance from fan mounting point to the blades.

AirVolution-D fans can only be connected with a single-piece of custom length drop tube.

Measure the distance from the fan's mounting point down to the desired fan blade position and provide this information with the fan order to receive the correct custom drop length. Guy wires kits are provided and required in all situations where a drop length of greater than 5 feet.

For custom drop lengths, order a length longer and MacroAir will cut it down to the requested length. Estimated lead time is 10 business days.

Do you have a custom color in mind? Custom powder coating is available for all our blades, mounts and drop lengths.

OPTIONAL: POWDER COATING

| Item # | Diameter | Estimated Lead Time | Qty |
|-------------|----------------|---------------------|-----|
| 60-20006-02 | 6 ft / 1.83 m | 15 business days | |
| 60-20008-02 | 8 ft / 2.44 m | 15 business days | |
| 60-20010-02 | 10 ft / 3.05 m | 15 business days | |
| 60-20012-02 | 12 ft / 3.66 m | 15 business days | |

Special Finishes

| | | | |
|---------------------------------------|---------------|------------------|--|
| 60-201yy-00 (Light Oak Wood Grain) | All Diameters | -- | |
| Mounting hardware & drop length | All Diameters | 15 business days | |
| Hub Cover | All Diameters | 15 business days | |

yy = ft, fan diameter

For powder coating colors, please refer to Appendix A.

ADDITIONAL OPTIONS

| Item # | Description | Qty |
|-------------|-----------------------------|-----|
| 10-60200-00 | AVD Fuse Disconnect Switch* | |

*IEC Compliance requires a fused disconnect switch. If you order a disconnect for your AVD 370 fan, you will still need to provide the appropriate fuse. Recommended fuses are listed on the subsequent page.

AirVolution-D 370

BASIC SPECIFICATIONS

| AIRFOIL DIAMETER | 6ft | 8ft | 10ft | 12ft |
|--------------------|---|-----|------|------|
| Airfoil Style | 4.5" Extruded Anodized Aluminum Airfoil | | | |
| Number of Airfoils | 6 | | | |

PERFORMANCE

| | | | | |
|--------------------------------|--|--|--|--|
| Max Speed | 164 RPM | 140 RPM | 94 RPM | 65 RPM |
| Recommended Spacing* | 28 ft [8.5 m] | 36 ft [11 m] | 40 ft [12.2 m] | 48 ft [14.6 m] |
| Max Affected Area | 1,400 ft ² [130 m ²] | 2,400 ft ² [223 m ²] | 3,200 ft ² [297 m ²] | 4,000 ft ² [371 m ²] |
| Sound Level dBA at Max Speed** | 45 | 55 | 56 | 48 |

HANGING REQUIREMENTS

| | | | | |
|-----------------------|----------------------|----------------------|----------------------|----------------------|
| Hanging Weight | 71 lbs [32.21 kg] | 79 lbs [35.83 kg] | 86 lbs [39.01 kg] | 93 lbs [42.18 kg] |
| Max Torque | 4 ft-lb [5 Nm] | 13 ft-lb [18 Nm] | 20 ft-lb [27 Nm] | 19 ft-lb [26 Nm] |
| Max Thrust in Reverse | 2 lbs [0.9 kg] | 4 lbs [1.8 kg] | 6 lbs [2.7 kg] | 7 lbs [3.2 kg] |

MOTOR AND DRIVE TRAIN

| | | | | |
|------------------------------|------------------------------|--|--|--|
| Motor Type | Gearless Direct Drive | | | |
| Equivalent Horsepower Rating | 3/4 HP | | | |
| Operating Temp Range | 16°F [-10°C] - 122 F° [50°C] | | | |

MAX AMP DRAW / RECOMMENDED FUSE

| | | | | |
|-------------------------|------------|-----------|-------------|-----------|
| 110 VAC Single Phase*** | 5A / 7.5A | 8A / 12A | 9A / 15A | 7A / 10A |
| 208 VAC Single Phase | 2.36A / 5A | 4A / 7.5A | 4.2A / 7.5A | 3.4A / 5A |

POWER AND CONTROLS

| | | | | |
|------------------|---|--|--|--|
| Power Source Low | Single Phase 110-120 VAC 50/60 Hz / Single Phase 208-240 VAC 50/60 Hz | | | |
| Control Options | Digital Touchpad, MacroAir Controller 30, AirLynk - BacNet | | | |

INSTALLATION

| | | | | |
|-------------------|--|--|--|--|
| Mounting Hardware | Rapid Mount Commercial | | | |
| Drop Length | In addition to the standard drop length supplied, optional drop lengths are available in 1ft increments; total drop lengths 5ft and greater require Universal Mounting Hardware with guy wires | | | |

RATINGS AND COMPLIANCE

| | | | | |
|--------------------|-----------------------|--|--|--|
| Fire and Sprinkler | NFPA Compliant | | | |
| Outdoor Rating**** | Rated for outdoor use | | | |
| Certifications | UL 507 Pending | | | |

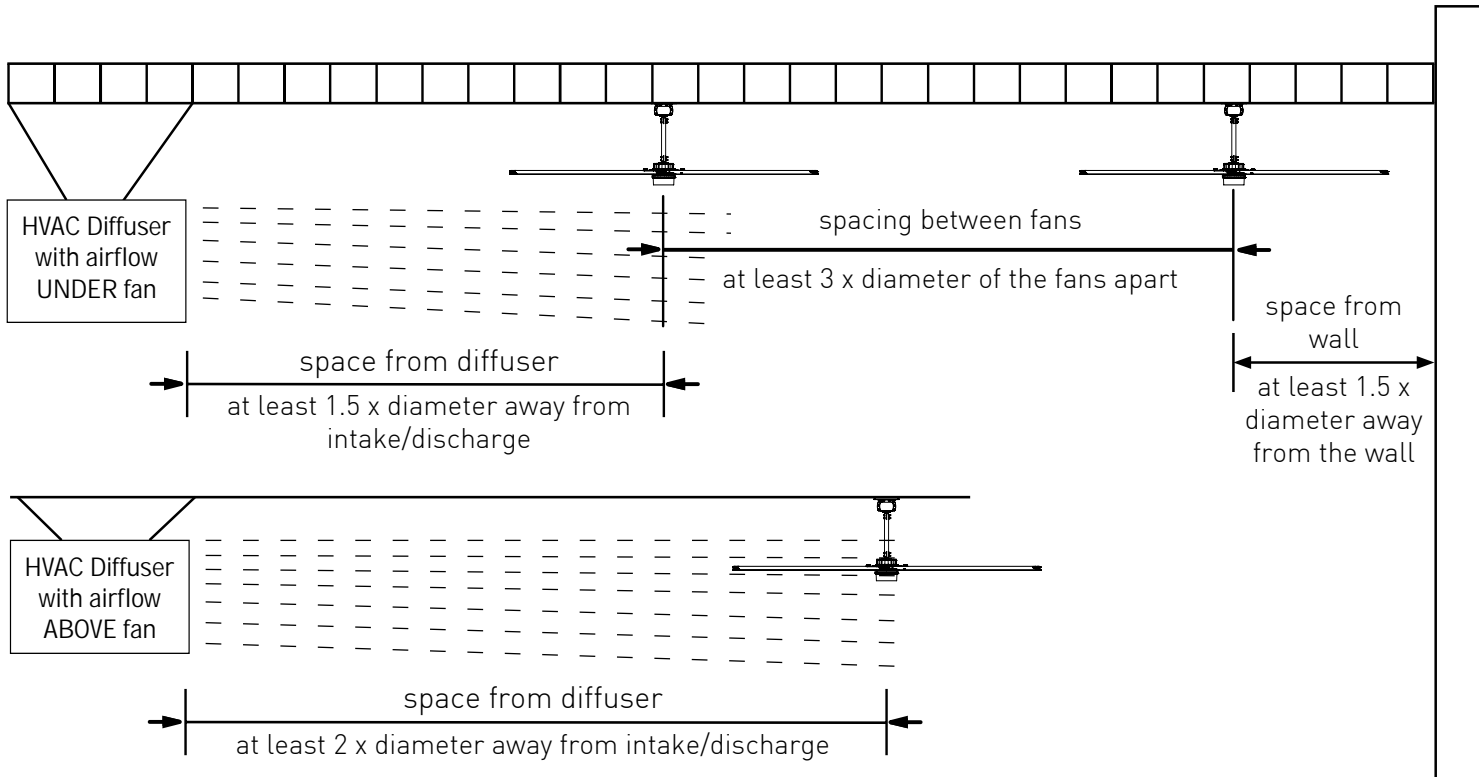
*For spacing between fan units based on the dimensions of a specific space please refer to <https://macroairfans.com/airviz>.

**Sound testing taken with the sensor 5 ft above the ground and 20 ft from the center of the fan at 20 ft high.

***Preliminary Test Results

****Applicable to the fan unit only, does not include controller and accessories.

Fan Placement & Clearance



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