

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.

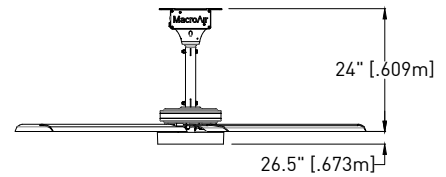


STANDARD FEATURES

- 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
30-05006-00	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

*** Motor unit only. Consult with a MacroAir sales specialist for best practice.

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STEP 5: STOCK DROP LENGTHS

Item #	Length (ft/in)	Length (m)	Qty
5x-E01in-02	1 ft*	0.30 m	
5x-y0200-02	2 ft (Standard)	0.61 m	
5x-y0300-02	3 ft	0.91 m	
5x-y0400-02	4 ft	1.22 m	
5x-y0500-02	5 ft	1.52 m	
5x-y0600-02	6 ft	1.83 m	
5x-y0700-02	7 ft	2.13 m	
5x-y0800-02	8 ft	2.44 m	
5x-y0900-02	9 ft	2.74 m	
5x-y1000-02	10 ft	3.05 m	
5x-yftin-02**	Customization fee		

x = 0 for Rapid Mount Commercial,
or 1 for AVD Universal Mount
y = D for Rapid Mount Commercial,
or C 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.

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. Fuse selection is input voltage specific, so fuses are not provided with purchase of a disconnect.

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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***	2.7A / Fuse N/A	2.7A / Fuse N/A	2.7A / Fuse N/A	2.7A / Fuse N/A
208 VAC Single Phase	1.4A / 2.5A	1.4A / 2.5A	1.4A / 2.5A	1.4A / 2.5A

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			

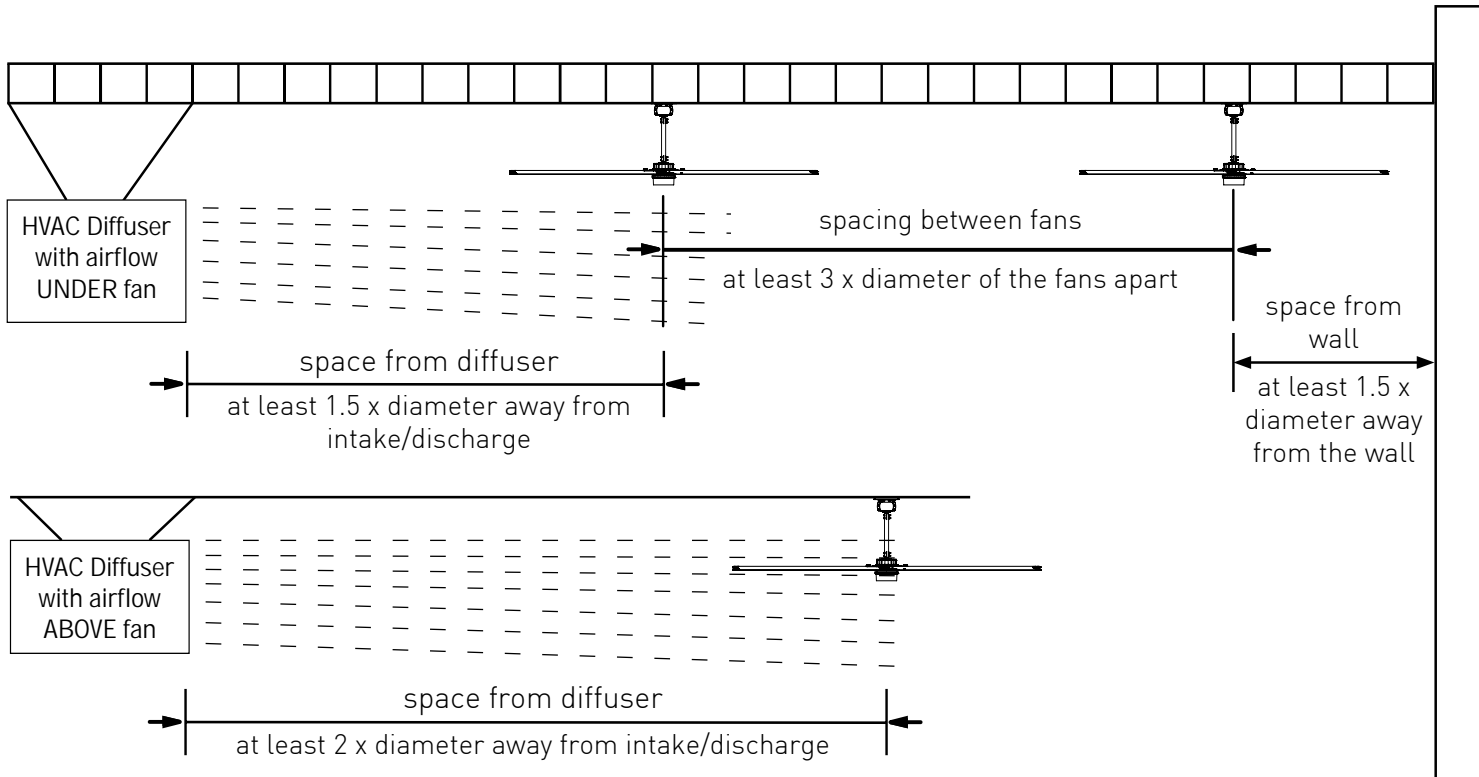
*For spacing between fan units based on the dimensions of a specific space please refer to <https://macroairfans.com/airviz>.

**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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