AVD 370

Macro engineers of air"

Qty

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 •

STEP 1: POWER UNIT

	ILLUSTRATION SHOWN WITH STANDARD DROP LENGTH	
		24" [.609m]
METODERANG MOTORANG M	26.5" [.6	673m]-

Item # M370-0025-MA

AVD 370 Power	- Unit	t, 3/4 HF	Equivalent	

Options

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		
ltem #	Diameter	Qty
30-05006-00	100-120V Single Phase, 50/60Hz**	
31-21010-00	208-240V Single Phase, 50/60Hz	
STEP 4: MOUNTIN	IG	
ltem #	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: CONTROL	.S	
Item #	Description	Qty
30-90308-00	Digital Remote Assembly (Standard)	
30-04006-00	Controller 4	
	Controller 4 + Single Temperature Sensor	
30-04007-00		

AirLynk - BacNet

Dual Control Enabled Controller 30 (requires AirLynk-BacNet)

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

100-1200 Option Requires additional step up transformer **100-1200 Option Requires additional step up transformer * MacroAir Technologies, Inc. certifies that the model AVD 370 (diameters 8'-12') shown herein are licensed to bear the AMCA seal. The ratings shown are based on the tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program. ****6' diameter AVD370 is not an AMCA certified model

30-10012-00

30-04030-02

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STEP 5: STOCK DROP LENGTHS

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

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. 1' drops will not come with the Rapid Mount or UMH hardware, and are direct/rigid mounted instead. 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						
ltem #	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.

AVD 370

Macro

BASIC SPECIFICATIONS

Airfoil Style 4.5" Extruded Anadrized Aluminum Airfoil Number of Airfoils 6 PERFORMANCE 6 Max Speed 138 RPM 140 RPM 94 RPM 65 RPM Max Speed 138 RPM 140 RPM 94 RPM 65 RPM Recommended Spacing* 28 ft 36 ft 40 ft 46 ft Recommended Spacing* 1400 ft ⁴¹ 2,200 ft ⁴¹ 3,200 ft 4,000 ft Max Affected Area 1,400 ft ⁴² 2,200 ft ⁴¹ 3,200 ft 4,000 ft Max Affected Area 1,400 ft ⁴¹ 2,200 ft ⁴¹ 3,200 ft 4,000 ft Max Affected Area 1,400 ft ⁴¹ 2,200 ft ⁴¹ 3,200 ft 4,200 ft Max Affected Area 1,400 ft ⁴¹ 1,220 ft 1,231 ft 1,271 m ³ 1,271 m ³ 1,271 m ³ Max Torque 71 ft/s 79 ft/s 1,81 ft 201 ft 1,24 ft 1,24 ft 1,24 ft Max Torque 1,51m1 118 km] 1,27 km] 1,24 km] 1,24 km] 1,24 km] 1,24 km] 1,24 km] <	AIRFOIL DIAMETER	6ft	8ft	10ft	12ft			
PERFORMANCE PERFORMANCE Max Speed 138 RPM 140 RPM 94 RPM 65 RPM Max Speed 138 RPM 140 RPM 94 RPM 65 RPM Recommended Spacing* 128 ft 36 ft 40 ft 140 ft Max Affected Area 1,400 RF 2,200 RF 3,200 RF 4,900 RF Sound Level dBA at Max Speed** 45 55 56 48 HANGING REQUIREMENTS 71 lbs 79 lbs 86 lbs 93 lbs Max Torque 71 lbs 79 lbs 86 lbs 93 lbs Max Torque 71 lbs 13 rbi 27 Nm] 124 Am Max Torque 13 lbs 13 rbi 27 Nm] 124 Am Max Torque 2 lbs 4 lbs 6 lbs 7 lbs Max Torque 2 lbs 4 lbs 6 lbs 7 lbs Max Torque 2 lbs 4 lbs 6 lbs 7 lbs Max Torque 2 lbs 4 lbs 16 lbs 12 rbs Max Torque 2 lbs 2 lbs 2 lbs	Airfoil Style		4.5" Extruded Anodized Aluminum Airfoil					
Max Speed 138 RPM 140 RPM 94 RPM 65 RPM Recommended Spacing* 28 ft [8,5 m] 36 ft [11 m] 122 2m] 1146 dn [t] Max Affected Area 1,400 ft² [130 m²] 2,400 ft² [223 m²] 3,200 ft² [277 m²] 4,000 ft² [371 m²] Sound Level dBA at Max Speed** 45 55 56 48 HANGING REQUIREMENTS 71 lbs [32.21 kg] 79 lbs [32.21 kg] 86 lbs [37.01 kg] 93 lbs [42.18 kg] Max Torque 15 Nm] [13 ft-lb] 20 ft-lb 127 km] [124 km] Max Torque 15 Nm] [18 km] [18 km] [18 km] [27 km] [28 km] Mot Torque 2 lbs [0 9 kg] 4 lbs [1.8 kg] 6 lbs [2.7 kg] 7 lbs [3.2 kg] 7 lbs [3.2 kg] MOTOR AND DRIVE TRAIN 2 lbs [1.8 kg] 14 lbs [3.4 lP 6 lbs [3.2 kg] 7 lbs [3.2 kg] MOTOR AND DRIVE TRAIN Gearless Direct Drive [3.4 lP 144 / 2.5A 144 / 2.5A 144 / 2.5A 14A / 2.5A	Number of Airfoils			6				
Recommended Spacing* $28 \text{ ft} \\ [8.5 m]$ $36 \text{ ft} \\ [11 m]$ $40 \text{ ft} \\ [12.2 m]$ $40 \text{ ft} \\ [27 m]$ $40 \text{ ft} \\ [371 m]$ Sound Level dBA at Max Speed** 45 55 56 68 HANGING REQUIREMENTS $71 \text{ lbs} \\ [32.21 \text{ kg}]$ $79 \text{ lbs} \\ [32.21 \text{ kg}]$ $86 \text{ lbs} \\ [39.01 \text{ kg}]$ $[42.18 \text{ kg}]$ Max Torque $4 \text{ ft-lb} \\ [32.21 \text{ kg}]$ $13 \text{ ft-lb} \\ [39.01 \text{ kg}]$ $20 \text{ ft-lb} \\ 19 \text{ ft-lb} \\ [27 \text{ km}]$ $93 \text{ lbs} \\ [42.18 \text{ kg}]$ Max Torque $4 \text{ ft-lb} \\ [32.21 \text{ kg}]$ $13 \text{ ft-lb} \\ [27 \text{ km}]$ $20 \text{ ft-lb} \\ [27 \text{ km}]$ $71 \text{ lbs} \\ [27 \text{ km}]$ Max Torque $4 \text{ ft-lb} \\ [39.01 \text{ kg}]$ $13 \text{ ft-lb} \\ (27 \text{ kg}]$ $20 \text{ ft-lb} \\ [27 \text{ kg}]$ $71 \text{ lbs} \\ [2.7 \text{ kg}]$ Max Thrust in Reverse $26 \text{ lbs} \\ [0.9 \text{ kg}]$ $14 \text{ lbs} \\ [18 \text{ kg}]$ $6 \text{ lbs} \\ [2.7 \text{ kg}]$ $71 \text{ lbs} \\ [2.7 \text{ kg}]$ MOTOR AND DRIVE TRAIN $-6 \text{ Gearters Direct Drive Equivalent Horsepower Rating \\ 0.9 \text{ kg}]$ $14^{5} \text{ Ft-loc'l - 122 F [S0C']}$ MAX AMP DRAW / RECOMMENDED FUSE $14 \text{ A} / 25A$ $1.4A / 25A$ $1.4A / 25A$ 110 VAC Single Phase*** $2.7A / Fuse N/A$ $2.7A / Fuse N/A$ $2.7A / Fuse N/A$ 28 VAC Single Phase $14 \text{ A} / 25A$ $1.4A / 25A$ $1.4A / 25A$ Single Phase 10^{-120} VAC S0/60 Hz / Single Phase 208-240 VAC S0/60 Hz / Single Phase 208-240 VAC S0/60 Hz / Single Phase 2	PERFORMANCE							
Hecommended Spacing*[8.5 m][11 m][12.2 m][14.6 m]Max Affected Area1,400 ft*2,400 ft*3,200 ft*4,000 ft*Sound Level dBA at Max Speed**45555648HANGING REQUIREMENTS45555648Hanging Weight[12.2 rk g][25.83 kg][39.01 kg][42.18 kg]Max Torque11 ftb13 ft-lb20 ft-lb93 lbsMax Torque2 lbs18 kg]20 ft-lb19 ft-lbMax Torque2 lbs18 kg]21 kg][22.7 kg]71 lbsMax Torque2 lbs18 kg]20 ft-lb19 ft-lbMax Torque2 lbs18 kg]21 kg][22.8 kg][32.8 kg]MOTOR AND DRIVE TRAIN18 ft-ls20 ft-lb19 ft-lb[32. kg]MOTOR AND DRIVE TRAINEquivalent Horsepower Rating3/4 HP10 kf*f-10C1-122 F [50C]MAX AMP DRAW / RECOMMENDED FUSE14 A / 2.5A1.4A / 2.5A1.4A / 2.5A110 VAC Single Phase***2.7A / Fuse N/A2.7A / Fuse N/A2.7A / Fuse N/A20 KuC Single Phase1.4A / 2.5A1.4A / 2.5A1.4A / 2.5APOWER AND CONTROLSUserset in the standard crop length disord control erg at Airlyne - BacketImage in the standard crop length disord control weight disord control erg at Airlyne - BacketNortical LandowSingle Phase 110-120 VAC 50/60 Hz / Single Phase 208-240 VAC Si/60 HzImage in the standard crop length disord control erg at Airlyne - BacketPower Source LowSingle Phase 110-120 VAC 50/60 Hz / Single Phase 208-240 VAC	Max Speed	138 RPM	140 RPM	94 RPM	65 RPM			
Max Attected Area[130 m²][223 m²][297 m²][371 m²]Sound Level dBA at Max Speed**45555648HANGING REQUIREMENTSHanging Weight[32.1 kg][35.83 kg][39.01 kg][42.18 kg]Max Torque 110 [3 km][371 m²][39.01 kg][42.18 kg]Max Torque $21 bs$ [35.83 kg][39.01 kg][42.18 kg]Max Torque $21 bs$ [15 km][16 km][27 km]Max Thrust in Reverse $20 bs$ $21 bs$ $61 bs$ $71 bs$ MOTOR AND DRIVE TRAIN $20 trub$ $19 trub$ [2.2 kg]Motor TypeGearless Direct Direct[3.2 kg]Goprating Temp Range $2.74 / Fuse N/A$ $2.74 / Fuse N/A$ $2.74 / Fuse N/A$ Qoperating Temp Range $2.74 / Fuse N/A$ $2.74 / Fuse N/A$ $2.74 / Fuse N/A$ QVAC Single Phase $1.4A / 2.5A$ $1.4A / 2.5A$ $1.4A / 2.5A$ POWER AND CONTROLSSingle Phase 110-120 VAC S0/60 Hz / Single Phase 208-240 VAC S0/60 HzControl OptionsPower Source LowSingle Phase 110-120 VAC S0/60 Hz / Single Phase 208-240 VAC S0/60 HzLAA / 2.5APower Source LowSingle Phase 110-120 VAC S0/60 Hz / Single Phase 208-240 VAC S0/60 HzIAA / 2.5AINSTALLATIONTuppleted, optional drop lengths are available in 11 increment; total drop lengths 3f at a greater require Universal Mounting Hardware with guy wiresSingle Phase 110-120 VAC S0/60 Hz / Single Phase 208-240 VAC S0/60 HzINSTALLATIONTuppleted, optional drop lengths are available in 11 finorement; total drop lengths 3f at a greater	Recommended Spacing*							
HANGING REQUIREMENTS HANGING REQUIREMENTS HANGING REQUIREMENTS HANGING REQUIREMENTS Hanging Weight 27,105, [32,21 kg] 7,9 b5, [35,83 kg] [39,01 kg] [42,18 kg] [42,18 kg] Max Torque 4,16 b, [35,03 kg] [35,83 kg] [39,01 kg] [42,18 kg] [42,18 kg] Max Torque 20,100 kg, [18,00 kg] [18,00 kg] [27,00 k	Max Affected Area							
Hanging Weight71 lbs [32.21 kg]79 lbs [35.83 kg]86 lbs [39.01 kg]93 lbs [42.18 kg]Max Torque $\frac{16}{15 klb}$ $\frac{13 \ hlb}{13 \ hlb}$ 20 \ hlb $\frac{19 \ hlb}{126 \ hlm}$ $\frac{19 \ hlb}{126 \ hlm}$ Max Torque $\frac{21 \ bs}{10.9 \ kg}$ $\frac{4 \ hlb}{13 \ hlb}$ $\frac{13 \ hlb}{13 \ hlb}$ $\frac{20 \ hlb}{127 \ hlm}$ $\frac{19 \ hlb}{126 \ hlm}$ Max Torque $\frac{21 \ bs}{10.9 \ kg}$ $\frac{4 \ hlb}{13 \ hlb}$ $\frac{10 \ hlb}{127 \ hlm}$ $\frac{19 \ hlb}{126 \ hlm}$ Max Torque $\frac{21 \ bs}{10.9 \ kg}$ $\frac{4 \ hlb}{13 \ hlb}$ $\frac{10 \ hlb}{127 \ hlm}$ $\frac{19 \ hlb}{126 \ hlm}$ Max Torque $\frac{21 \ bs}{10.9 \ kg}$ $\frac{10 \ st}{18 \ kg}$ $\frac{10 \ st}{127 \ kg}$ $\frac{10 \ st}{122 \ hlb}$ Motor Type $\frac{21 \ bs}{10.9 \ kg}$ $\frac{10 \ st}{127 \ kg}$ $\frac{10 \ st}{122 \ hlb}$ Motor Type $\frac{27 \ hlb}{13 \ hlb}$ $\frac{10 \ st}{127 \ kg}$ $\frac{10 \ st}{122 \ hlb}$ Motor Type $\frac{27 \ hlb}{13 \ klb}$ $\frac{10 \ st}{127 \ kg}$ $\frac{10 \ st}{122 \ hlb}$ Motor Type $\frac{27 \ hlb}{13 \ klb}$ $\frac{10 \ st}{10 \ klb}$ $\frac{10 \ st}{10 \ klb}$ Motor Type $\frac{27 \ hlb}{13 \ klb}$ $\frac{27 \ hlb}{13 \ klb}$ $\frac{27 \ hlb}{13 \ klb}$ Motor Type $\frac{27 \ hlb}{13 \ klb}$ $\frac{27 \ hlb}{13 \ klb}$ $\frac{27 \ hlb}{13 \ klb}$ Motor Type $\frac{27 \ hlb}{13 \ klb}$ $\frac{27 \ hlb}{13 \ klb}$ $\frac{27 \ hlb}{13 \ klb}$ Motor Type $\frac{27 \ hlb}{13 \ klb}$ $\frac{27 \ hlb}{13 \ klb}$ $\frac{27 \ hlb}{13 \ klb}$ Motor Type $\frac{27 \ hlb}{13 \ klb}$ $\frac{27 \ hlb}{13 $	Sound Level dBA at Max Speed**	45	55	56	48			
Hanging Weight[32,21 kg][33,83 kg][39,01 kg][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 TRAINMotor Type $ 3/4$ Hp $- 3/4$ HpMotor Type $ 3/4$ Hp $ $	HANGING REQUIREMENTS							
Max lorque[5 Nm][18 Nm][27 Nm][26 Nm]Max Thrust in Reverse2 lbs (0.9 kg]4 lbs (1.8 kg]6 lbs (2.7 kg]7 lbs (3.2 kg]MOTOR AND DRIVE TRAINMotor TypeGearless Direct DriveEquivalent Horsepower Rating $3/4$ HPOperating Temp Range $16^{+}F[-10C^{-}] - 122$ F° [50C ⁺]MAX AMP DRAW / RECOMMENDED FUSE110 VAC Single Phase***2.7A / Fuse N/A2.7A / Fuse N/A208 VAC Single Phase***2.7A / Fuse N/A2.7A / Fuse N/A208 VAC Single Phase1.4A / 2.5A1.4A / 2.5A100 VAC Single Phase***2.7A / Fuse N/A2.7A / Fuse N/A208 VAC Single Phase1.4A / 2.5A1.4A / 2.5APower Source LowSingle Phase 110-120 VAC 50/60 Hz / Single Phase 208-240 VAC 50/60 HzControl OptionsDigital Touchpad, MacroAir Controller 30, AirLynk - BacNetINSTALLATIONNadition to the standard drop length supplied, optional drop lengths are available in 1ft increments; total drop lengths 5ft ar greater require Universal Mounting Hardware with guy wiresRATINGS AND COMPLIANCENFPA CompliantFire and SprinklerNFPA CompliantOutdoor Rating****Rate for outdoor use	Hanging Weight							
Max Inrust in Reverse [0.9 kg] [1.8 kg] [2.7 kg] [3.2 kg] MOTOR AND DRIVE TRAIN	Max Torque							
Motor Type Gearless Direct Drive Equivalent Horsepower Rating 3/4 HP Operating Temp Range 1/6*F [-10C*] - 122 F* [50C*] MAX AMP DRAW / RECOMMENDED FUSE 1/6*F [-10C*] - 122 F* [50C*] 110 VAC Single Phase*** 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 1.4A / 2.5A 1.4A / 2.5A 1.4A / 2.5A 1.4A / 2.5A 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 In addition to the standard drop length supplied, optional drop lengths are available in 1ft increments; total drop lengths 5ft ar greater require Universal Mounting Hardware with guy wires RATINGS AND COMPLIANCE Fire and Sprinkler NFPA Compliant Outdoor Rating**** Outdoor use	Max Thrust in Reverse							
Conversion 3/4 HP Equivalent Horsepower Rating 3/4 HP Operating Temp Range 16°F [-10C°] - 122 F° [50C°] MAX AMP DRAW / RECOMMENDED FUSE 16°F [-10C°] - 122 F° [50C°] MAX AMP DRAW / RECOMMENDED FUSE 2.7A / Fuse N/A 2.7A / Fuse N/A 2.7A / Fuse N/A 110 VAC Single Phase*** 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 POWER AND CONTROLS Intervention Intervention Intervention Power Source Low Single Phase 110-120 VAC 50/60 Hz / Single Phase 208-240 VAC 50/60 Hz Control Options INSTALLATION Intervention Intervention Intervention Mounting Hardware Rapid Mount Commercial Intervention In addition to the standard drop length supplied, optional drop lengths are available in 1ft increments; total drop lengths 5ft ar greater require Universal Mounting Hardware with guy wires Intervention RATINGS AND COMPLIANCE In addition to the standard drop length supplied, optional drop lengths are available in 1ft increments; total drop lengths 5ft ar greater require Universal Mounting Hardware with guy wires Intervention Fire and Sprinkler Intervention Intervention Intervention	MOTOR AND DRIVE TRAIN							
Operating Temp Range 16*F [-10C*] - 122 F* [50C*] MAX AMP DRAW / RECOMMENDED FUSE 2.7A / Fuse N/A 2.7A / Fuse N/A 2.7A / Fuse N/A 110 VAC Single Phase*** 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 POWER AND CONTROLS Power Source Low Single Phase 110-120 VAC 50/60 Hz / Single Phase 208-240 VAC 50/60 Hz Control Options Optimation Control Controller 30, AirLynk - BacNet INSTALLATION In addition to the standard drop length supplied, optional drop lengths are available in 1ft increments; total drop lengths 5ft ar greater require Universal Mounting Hardware with guy wires RATINGS AND COMPLIANCE In addition to the standard drop length supplied, optional drop lengths are available in 1ft increments; total drop lengths 5ft ar greater require Universal Mounting Hardware with guy wires Fire and Sprinkler Outdoor Rating**** Rated for outdoor use	Motor Type		Gearless Direct Drive					
MAX AMP DRAW / RECOMMENDED FUSE MAX AMP DRAW / RECOMMENDED FUSE 110 VAC Single Phase*** 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 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 Power Source Low Single Phase 110-120 VAC 50/60 Hz / Single Phase 208-240 VAC 50/60 Hz Image: Single Phase 208-240 VAC 50/60 Hz Single Phase 208-240 VAC 50/60 Hz Power Source Low Single Phase 110-120 VAC 50/60 Hz / Single Phase 208-240 VAC 50/60 Hz Single Phase 208-240 VAC 50/60 Hz Power Source Low Single Phase 110-120 VAC 50/60 Hz / Single Phase 208-240 VAC 50/60 Hz Single Phase 208-240 VAC 50/60 Hz Power Source Low Single Phase 110-120 VAC 50/60 Hz / Single Phase 208-240 VAC 50/60 Hz Single Phase 208-240 VAC 50/60 Hz NSTALLATION Installation to the standard drop length supplied, optional drop lengths are available in 1ft increments; total drop length are available in 1ft increments; total drop length are available in 1ft increments;	Equivalent Horsepower Rating		3/4 HP					
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 INSTALLATION Digital Touchpad, MacroAir Controller 30, AirLynk - BacNet INSTALLATION Mounting Hardware In addition to the standard drop length supplied, optional drop lengths are available in 1ft increments; total drop lengths 5ft ar greater require Universal Mounting Hardware with guy wires RATINGS AND COMPLIANCE Fire and Sprinkler NFPA Compliant Outdoor Rating**** Genetion Rated for outdoor use	Operating Temp Range		16°F [-10C°] - 122 F° [50C°]					
208 VAC Single Phase 1.4A / 2.5A 1.4A / 2.5A 1.4A / 2.5A 208 VAC Single Phase 1.4A / 2.5A 1.4A / 2.5A 1.4A / 2.5A POWER AND CONTROLS	MAX AMP DRAW / RECOMMENDED FUS	E						
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 In addition to the standard drop length supplied, optional drop lengths are available in 1ft increments; total drop lengths 5ft ar greater require Universal Mounting Hardware with guy wires RATINGS AND COMPLIANCE Fire and Sprinkler Information Inform	110 VAC Single Phase***	2.7A / Fuse N/A	2.7A / Fuse N/A	2.7A / Fuse N/A	2.7A / Fuse N/A			
Power Source Low Single Phase 110-120 VAC 50/60 Hz / Single Phase 208-240 VAC 50/60 Hz Power Source Low Digital Touchpad, MacroAir Controller 30, AirLynk - BacNet INSTALLATION Mounting Hardware Mounting Hardware Rapid Mount Commercial Drop Length In addition to the standard drop length supplied, optional drop lengths are available in 11t increments; total drop lengths 5ft ar greater require Universal Mounting Hardware with guy wires RATINGS AND COMPLIANCE Fire and Sprinkler Productor Rating**** MEPA Compliant Description Rated for outdoor use	208 VAC Single Phase	1.4A / 2.5A	1.4A / 2.5A	1.4A / 2.5A	1.4A / 2.5A			
Control Options Digital Touchpad, MacroAir Controller 30, AirLynk - BacNet INSTALLATION 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 ar greater require Universal Mounting Hardware with guy wires RATINGS AND COMPLIANCE Interference Fire and Sprinkler NFPA Compliant Outdoor Rating**** Rated for outdoor use Pending Pending	POWER AND CONTROLS							
INSTALLATION Mounting Hardware Rapid Mount Commercial In addition to the standard drop length supplied, optional drop lengths are available in 1ft increments; total drop lengths 5ft ar greater require Universal Mounting Hardware with guy wires RATINGS AND COMPLIANCE Fire and Sprinkler NFPA Compliant Outdoor Rating**** Pending	Power Source Low	Sing	Single Phase 110-120 VAC 50/60 Hz / Single Phase 208-240 VAC 50/60 Hz					
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 argreater require Universal Mounting Hardware with guy wires RATINGS AND COMPLIANCE Fire and Sprinkler Fire and Sprinkler NFPA Compliant Outdoor Rating**** Genetion Pending Pending	Control Options		Digital Touchpad, MacroAir Controller 30, AirLynk - BacNet					
Drop Length In addition to the standard drop length supplied, optional drop lengths are available in 1ft increments; total drop lengths 5ft argreater require Universal Mounting Hardware with guy wires RATINGS AND COMPLIANCE Fire and Sprinkler NFPA Compliant Outdoor Rating**** Rated for outdoor use Pending Pending	INSTALLATION							
Drop Length greater require Universal Mounting Hardware with guy wires RATINGS AND COMPLIANCE Fire and Sprinkler Outdoor Rating**** Reted for outdoor use	Mounting Hardware		Rapid Moun	t Commercial				
Fire and Sprinkler NFPA Compliant Outdoor Rating**** Rated for outdoor use	Drop Length	In addition to the standard drop	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					
Outdoor Rating**** Rated for outdoor use Pending	RATINGS AND COMPLIANCE							
Pending	Fire and Sprinkler		NFPA C	compliant				
Certifications Pending	Outdoor Rating****		Rated for	outdoor use				
	Certifications		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. The sound performance is not AMCA International licensed but is provided to aid in selection and applications of the product.

***Preliminary Test Results

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





PERFORMANCE SPECIFICATIONS

Fan Diameter (Ft)	Fan Speed (% of max RPM)	Fan Speed (RPM)	Voltage/ Phase/ Frequency	Standby Power (Watts)	Electrical Input Power (Watts)	Airflow Rate (CFM)	CFEI 40	CFEI 100	Direction	Reverse Operation?
	20	27.82	230/Single Phase/60Hz		33.05	3175.77			Forward	Yes
	40	55.93	230/Single Phase/60Hz		49.62	10356.22			Forward	Yes
8	60	83.82	230/Single Phase/60Hz	6.0	86.24	16541.62	9.5	3.7085	Forward	Yes
	80	111.87	230/Single Phase/60Hz		153.88	23033.49			Forward	Yes
	100	139.93	230/Single Phase/60Hz		274.54	29190.67			Forward	Yes
	20	18.71	230/Single Phase/60Hz		30.50	3280.29	10.6	4.0	Forward	Yes
10	40	37.51	230/Single Phase/60Hz		43.50	12740.80			Forward	Yes
	60	56.35	230/Single Phase/60Hz	6.0	70.71	20020.17			Forward	Yes
	80	75.07	230/Single Phase/60Hz		123.33	27522.96			Forward	Yes
	100	93.61	230/Single Phase/60Hz		210.89	34868.72			Forward	Yes
	20	13.00	230/Single Phase/60Hz		28.98	4326.02			Forward	Yes
	40	25.88	230/Single Phase/60Hz		38.56	14454.50			Forward	Yes
12	60	38.93	230/Single Phase/60Hz	6.0	57.94	23116.51	11.783	4.533	Forward	Yes
	80	51.97	230/Single Phase/60Hz		96.45	31406.53			Forward	Yes
	100	64.91	230/Single Phase/60Hz		161.60	39584.30			Forward	Yes