



For more information on velocity requirements and performance, see page 4083.

Industrial Assembled Air Circulator Heads

- Totally enclosed motors
- Ball bearings
- Preassembled
- OSHA-compliant gray polyester powder-coated wire guards, except where noted
- Max. ambient temp.: 104°F, except where noted
- No. of blades: 3 (Nos. 13F044 and 13F046 have 4, No. 1ZCN7 has 2)

High-efficiency corrosion-resistant aluminum propellers, except 36" sizes have steel blades. Circulator heads tilt and lock to direct airflow. Additional accessories sold on page 4083. High-efficiency units are UL Listed; others are UL and C-UL Listed.

STANDARD

- Pull chain switch for easy operation
- 115V units feature factory wired, 10-ft. 3-cond. power cord with grounded, molded plug; others are hardwired.
- 208V and 277V air circulators reduce amp draw and can be wired with industrial lighting systems.

HIGH-AMBIENT

- Hardwired
- Max. ambient temp.: 140°F

WASHDOWN

- Hardwired
- Motors comply with BISSC and NEMA definition MG1-1.26.5 Standard for waterproof motors
- OSHA-compliant zinc-plated wire guards in accordance with ASTM A653M-94
- Circulators pass UL 507 hosedown test
- Meet Motor Washdown Specification IEC-IP55

USDA-approved primer and white paint finish on motor.

STAINLESS STEEL WASHDOWN

- Hardwired
- OSHA-compliant stainless steel wire guards
- Approved by the USDA and NSF for food zones
- Motors comply with BISSC and NEMA definition MG1-1.26.5 Standard for waterproof motors
- Meet Motor Washdown Specification IEC-IP55

GREENHOUSE

- Circulators pass UL 507 humidity conditioning and water spray tests
- Factory wired, 10-ft. 3-cond. power cord with grounded, molded plug.

MISTING

- Pull chain switch for easy operation
- Circulators pass UL 507 water spray test

Center-mounted hub connects to garden hose to spray a light water mist into air being circulated. Screw-in plugs (included) can be used to adjust mist volume. Units include On/Off valve and in-line water filter to prevent clogging and factory wired, 10-ft. 3-cond. power cord with grounded, molded plug.

HIGH-EFFICIENCY, VARIABLE SPEED

- High-efficiency brushless DC motors
- Units allow 80% useable turndown
- UL 507

Motor-mounted speed control intended for pedestal mount applications. Optional No. 43Y140 remote mount speed control is for wall/ceiling applications (sold separately). Conduit box is mounted directly on motor for hard-wiring. 10-ft. 3-cond. power cord with grounded plug.

SAFETY YELLOW

- Yellow color in accordance with ANSI Standard Z535.1, which designates yellow for marking physical hazards
- OSHA-compliant yellow polyester-coated hinged wire guards

2-ft., 3-cond. power cord with grounded, molded plug.



No. 1VCE7



No. 3PEGS



No. 2LYW4



No. 1ZCN7

Blade Dia.	Speeds Standard	CFM High	CFM Low	Air Vel. (fpm) @ 20 ft.	Voltage	Phase	Motor HP	Motor RPM	Operating Amps	Oscillating/Non-Oscillating	Includes	Item No.	\$ Each
16"	2	2000	1560	210/160	115V	1	1/4	1625/1250	1.1/0.85	Non-Oscillating	Mounting Bolts	13F044 ✓	243.75
16"	2	2000	1320	210/140	115V	1	1/4	1075/750	1.5/0.9	Oscillating	Mounting Bolts	13F046 ✓	340.50
18"	2	4500	2900	360/310	115V	1	1/4	1075/750	1.7/1.6	Non-Oscillating	Mounting Bolts	13F045 ✓	261.00
18"	2	4500	2900	360/310	115V	1	1/4	1075/750	1.7/1.6	Oscillating	Mounting Bolts	13F047 ✓	362.00
20"	2	4700	3055	580/375	115V	1	1/4	1075/750	0.94/0.66	Non-Oscillating	Mounting Bolts	1VC67 ✓	341.00
20"	2	4700	3055	580/375	115V	1	1/4	1075/750	2.25/0.51	Oscillating	Mounting Bolts	1VC62 ✓	423.50
24"	1	5750	—	585	208-230/460V	3	1/2	1075	2.48-2.48/1.24	Non-Oscillating	Mounting Box	1VC67 ✓	396.50
24"	1	6000	—	445	208V	1	1/2	1075	2.36	Non-Oscillating	Wall Bracket, Conduit Box	1VC63 ✓	405.50
24"	1	6000	—	445	277V	1	1/2	1075	1.78	Non-Oscillating	Wall Bracket, Conduit Box	1VC64 ✓	413.25
24"	2	6100	3800	570/465	115V	1	1/2	1075/750	3.38/2.29	Non-Oscillating	Mounting Bolts	1VC68 ✓	453.25
24"	2	6400	4460	410/325	115V	1	1/2	1075/750	4.65/3.31	Oscillating	Mounting Bolts	1VC63 ✓	501.50
30"	1	9327	—	750	208-230/460V	3	1/2	1075	2.21-2.21/1.21	Non-Oscillating	Conduit Box	1VC68 ✓	503.00
30"	1	9340	—	750	277V	1	1/2	1075	1.4	Non-Oscillating	Wall Bracket, Conduit Box	1VC66 ✓	487.25
30"	1	9360	—	750	208V	1	1/2	1075	1.9	Non-Oscillating	Wall Bracket, Conduit Box	1VC65 ✓	485.75
30"	2	9704	8712	750/700	115V	1	1/2	1075/750	3.7/3.12	Non-Oscillating	Mounting Bolts	1VC69 ✓	478.50
30"	2	9612	8674	710/650	115V	1	1/2	1075/750	4.06/2.61	Oscillating	Mounting Bolts	1VC64 ✓	555.50
36"	2	12,500	8000	1000/930	115V	1	1/2	1075/750	3.75/3.54	Non-Oscillating	Mounting Device, Mounting Bolts, Safety Support Cables	3PE69 ✓	667.00
36"	1	12,500	—	1000	208-230/460V	3	1/2	1075	1.49-1.49/0.75	Non-Oscillating	Conduit Box, Mounting Device, Mounting Bolts, Safety Support Cables	3PEH2 ✓	738.50
High-Ambient													
20"	1	4700	—	375	115V	1	1/4	1120	2.5	Non-Oscillating	Mounting Bolts, Conduit Box	4VAC3 ✓	414.75
20"	1	5500	—	580	115/230V	1	1/2	1725	5.4/2.7	Non-Oscillating	Mounting Bolts, Conduit Box	4VAC6 ✓	407.75
24"	1	6400	—	465	115V	1	1/2	1120	4.2	Non-Oscillating	Mounting Bolts, Conduit Box	4VAC4 ✓	447.75
24"	1	7100	—	570	115/230V	1	1/2	1725	4.4/2.2	Non-Oscillating	Mounting Bolts, Conduit Box	4VAC7 ✓	437.25
30"	1	8900	—	700	115V	1	1/2	1120	4.9	Non-Oscillating	Mounting Bolts, Conduit Box	4VAC5 ✓	537.50
Washdown													
20"	1	4700	—	580	115/230V	1	1/4	1140	2.1/1.1	Non-Oscillating	Wall Bracket and Safety Support Cable	1VC69 ✓	655.50
24"	1	6849	—	732	115/230V	1	1/2	1140	3.9/2.1	Non-Oscillating	Wall Bracket and Safety Support Cable	1VC61 ✓	729.00
30"	1	10,001	—	750	115/230V	1	1/2	1140	4.6/2.4	Non-Oscillating	Wall Bracket and Safety Support Cable	1VC62 ✓	854.00
Stainless Steel Washdown													
20"	2	2670	—	225	115V	1	1/4	1600	1.08	Non-Oscillating	Stainless Steel Wall Bracket, Mounting Bolts and Secondary Safety Support Cable	2LYW4 ✓	1,328.00
24"	1	5220	—	423	115/230V	1	1/4	1075	3.28/1.68	Non-Oscillating	Stainless Steel Wall Bracket, Mounting Bolts and Secondary Safety Support Cable	2LYW5 ✓	1,635.00
30"	1	8800	—	595	115/230V	1	1/2	1075	3.7/1.88	Non-Oscillating	Stainless Steel Wall Bracket, Mounting Bolts and Secondary Safety Support Cable	2LYW6 ✓	1,751.00
Greenhouse													
18"	1	2875	—	360	115V	1	1/4	1640	1.3	Non-Oscillating	S Hooks and Mounting Chains	1ZCN7 ✓	228.50
24"	1	6400	—	465	115V	1	1/4	1075	2.2	Non-Oscillating	S Hooks and Mounting Chains	1ZCN8 ✓	267.25
Misting													
18"	2	4500	2900	360/310	115V	1	1/4	1075/750	1.7/1.6	Non-Oscillating	Installed Misting Kit	1VC66 ✓	390.00
24"	2	6100	3800	570/465	115V	1	1/2	1075/750	3.38/2.29	Non-Oscillating	Installed Misting Kit	1VC67 ✓	471.00
30"	2	9375	8745	750/700	115V	1	1/2	1075/750	3.7/3.38	Non-Oscillating	Installed Misting Kit	1VC68 ✓	603.50
High-Efficiency, Variable Speed													
20"	Variable	4700	—	580	115V	1	1/2	Variable	Variable	Non-Oscillating	Mounting Bolts, Motor Mounted Speed Control	22PP68 ✓	765.00
24"	Variable	6100	—	570	115V	1	1/2	Variable	Variable	Non-Oscillating	Mounting Bolts, Motor Mounted Speed Control	22PP69 ✓	841.50
30"	Variable	9612	—	750	115V	1	1/2	Variable	Variable	Non-Oscillating	Mounting Bolts, Motor Mounted Speed Control	22PP70 ✓	918.00
Safety Yellow													
24"	2	6100	3800	520/365	115V	1	1/2	1075/600	3.28/2.29	Non-Oscillating	15 ft. Extension Cord and 3 Position Drop Cord Switch	1VCH4 ✓	579.50
30"	2	9375	8712	615/330	115V	1	1/2	1075/600	3.7/3.12	Non-Oscillating	15 ft. Extension Cord and 3 Position Drop Cord Switch	1VCH5 ✓	604.00
Accessories													
Optional Adjustable Speed Controller (For Use with No. 1ZCN7 only)												1ZCN9	37.15
Optional Adjustable Speed Controller, For Use with 43Y135-43Y139, 5DVR2A-5DVR4A, 5DVT2A-5DVT4A, 6KWH9A, 6KWJ0A, 6KWJ1A, 16D517A-16D521A, 48C155-48C158, 48C179-48C192												43Y140 ✓	281.75

* 3-phase.