



PSC Stud- and Cradle-Mount Condenser Fan Motors

- Rotation: CW/CCW
- Thermal protection: auto
- Service factor: 1.0
- Insulation: Class B
- Body dia.: 48 frame, 5 5/8"; 56 frame, 6 1/2"
- Max. ambient temp.: 60°C
- Duty: continuous
- Stud pattern: 3 5/8" x 3 5/8"

Commercial-duty motors feature higher starting torque, cooler running temperature, and reversing plug. Open air-over motors have totally enclosed shaft endshield and shell (except 460V motors). Opposite endshield is open. Shaft up/down motors have both endshields totally enclosed with removable drain plugs. Can be mounted vertically or horizontally. Shafts are double flat (90° apart). Dayton® motors feature slinger on shaft. All models are suitable for outdoor air conditioner condensers and refrigeration condensers. Two-speed models can be used on heat pumps.

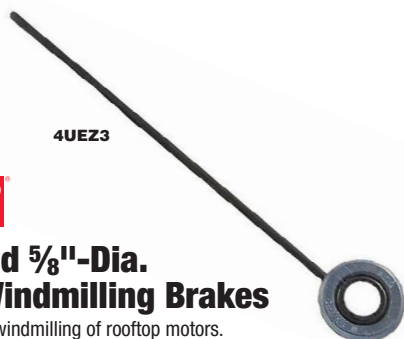


**Cradle Base-Mount
3M224**



**Stud-Mount
4M205**

HP	Nameplate RPM	No. of Speeds	Frame	Voltage	Full Load Amps	Bearings	Shaft Dia.	Shaft Length	Length Less Shaft	Brand	Mr. Model	Item No.	Capacitor Req.
Stud-Mount, Open Air-Over, Shaft Horizontal													
1/4	1,625	2	48Y	460V AC	0.90	Ball	1/2 in	6 7/8 in	6 3/8 in	Century	BDH1024	4MB91	Included
1/3	1,075	2	48Y	460V AC	1.20	Ball	1/2 in	6 7/8 in	5 1/2 in	Century	BDH1036	4MB93	Included
1/2	1,625	2	48Y	460V AC	1.40	Ball	1/2 in	6 7/8 in	5 1/8 in	Century	BDH1054	4MB95	Included
3/4	1,075	2	48Y	460V AC	2.2	Ball	1/2 in	6 7/8 in	6 3/8 in	Century	BDH1076	4MB97	Included
Stud-Mount, Open Air-Over, Shaft Up													
1/6	1,075	2	48Y	208-230V AC	0.90	Sleeve	1/2 in	6 7/8 in	4 3/8 in	Century	FS1016	4MB49	2MDV4
1/3	825	1	48Y	115V AC	4.8	Ball	1/2 in	5 1/2 in	6 1/4 in	Century	FL1038	4MB71	2MDV6
Stud-Mount, Totally Enclosed Air-Over, Shaft Up/Down													
1/10	825	1	48YZ	208-230V AC	1.00	Ball	1/2 in	6 in	4 3/8 in	Dayton	—	4M223	2MDV2
1/8	825	1	48YZ	208-230V AC	0.95-0.80	Ball	1/2 in	6 in	4 1/8 in	Dayton	—	4M224	2MDV4
1/6	1,075	1	48YZ	208-230V AC	1.30	Ball	1/2 in	6 in	4 6/7 in	Dayton	—	4M261	2MDV2
	1,075	2	48YZ	208-230V AC	1.00-1.00	Ball	1/2 in	6 in	4 1/8 in	Dayton	—	3M839	2MDV4
1/4	825	1	48YZ	208-230V AC	1.10-1.00	Ball	1/2 in	6 in	4 1/8 in	Dayton	—	4M225	2MDV4
	825	2	48YZ	208-230V AC	0.80	Ball	1/2 in	6 in	4 1/8 in	Dayton	—	3LU93	2MDV4
1/3	1,075	1	48YZ	208-230V AC	1.50-1.40	Ball	1/2 in	6 1/8 in	5 7/8 in	Dayton	—	4M205	2MDV4
	1,075	1	48YZ	460V AC	0.80	Ball	1/2 in	6 in	5 7/8 in	Dayton	—	3LU94	2MDV6
1/2	1,075	2	48YZ	208-230V AC	2.00-1.90	Ball	1/2 in	6 in	5 7/8 in	Dayton	—	4M060	2MDV4
	825	1	48YZ	208-230V AC	2.00-2.00	Ball	1/2 in	6 in	5 7/8 in	Dayton	—	4M226	2MDV4
3/4	825	2	48YZ	208-230V AC	1.40-1.30	Ball	1/2 in	6 in	5 7/8 in	Dayton	—	3LU95	2MDV6
	1,075	1	48YZ	208-230V AC	2.00-2.00	Ball	1/2 in	6 in	6 3/8 in	Dayton	—	4M206	2MDV6
1/3	1,075	1	48YZ	460V AC	1.00	Ball	1/2 in	6 in	6 3/8 in	Dayton	—	3LU96	2MDV6
	1,075	2	48YZ	208-230V AC	2.3-2.1	Ball	1/2 in	6 in	5 3/8 in	Dayton	—	4M061	2MDV6
1/2	825	1	48YZ	208-230V AC	2.1/2.1	Ball	1/2 in	6 in	5 3/8 in	Dayton	—	4M262	2MDV7
	825	2	48YZ	208-230V AC	2.2	Ball	1/2 in	6 in	5 1/8 in	Dayton	—	3LU97	2MDV6
3/4	1,075	1	48YZ	208-230V AC	3.1-3.1	Ball	1/2 in	6 in	6 3/8 in	Dayton	—	4M207	2MDV6
	1,075	1	48YZ	460V AC	2.1	Ball	1/2 in	5 in	5 7/8 in	Dayton	—	3LU98	2MDV7
1/2	1,075	2	48YZ	208-230V AC	2.9	Ball	1/2 in	6 in	6 1/8 in	Dayton	—	4M062	2MDV7
	825	1	48YZ	208-230V AC	3.19/3.05	Ball	1/2 in	6 in	6 3/8 in	Dayton	—	4M263	2MDV8
3/4	1,075	1	48YZ	208-230V AC	4.7-4.7	Ball	1/2 in	6 in	7 3/8 in	Dayton	—	4M208	2MDV7
	1,075	1	48YZ	460V AC	2.00	Ball	1/2 in	5 in	6 3/8 in	Dayton	—	3LU99	2MDV7
1/2	1,075	2	48YZ	208-230V AC	4.5-4.0	Ball	1/2 in	5 in	6 1/8 in	Dayton	—	3M769	2MDV9
Cradle Base-Mount, Open Air-Over, Shaft Up													
1/4	1,075	1	48YZ	208-230V AC	2.5-2.3	Sleeve	1/2 in	6 in	5 1/8 in	Dayton	—	3M990	Included
	1,075	1	48YZ	208-230V AC	2.5-2.3	Sleeve	1/2 in	6 in	6 1/8 in	Dayton	—	3M226	Included
1/3	1,625	1	48YZ	208-230V AC	3.1	Sleeve	1/2 in	6 in	5 7/8 in	Dayton	—	3M265	Included
	1,075	1	48YZ	208-230V AC	2.3	Ball	1/2 in	6 in	5 7/8 in	Dayton	—	3M217	Included
1/2	825	1	48YZ	208-230V AC	2.3-2.2	Ball	1/2 in	6 in	6 3/8 in	Dayton	—	3M224	Included
	1,075	1	48YZ	208-230V AC	3.1	Sleeve	1/2 in	5 in	5 1/8 in	Dayton	—	3M221	Included
3/4	1,075	1	48YZ	208-230V AC	3.1	Ball	1/2 in	6 in	5 7/8 in	Dayton	—	3M994	Included
	825	1	56YZ	230V AC	3.2	Ball	1/2 in	6 in	7 1/8 in	Dayton	—	3M295	Included



1/2"-and 5/8"-Dia. Anti-Windmilling Brakes

Use to stop windmilling of rooftop motors.

For Use With	Item No.
Motors Having 1/2 in Diameter Shafts	4UEZ3
Motors Having 5/8 in Diameter Shafts	4UEZ4



Motor Rainshields

Disc-shaped rainshields prevent water from damaging open motors that are mounted either shaft-up or shaft-down in outdoor condenser units. Heavy-duty nylon construction resists heat and ultraviolet rays. 4UEZ6 has a deep dish for added protection. 4M219 and 4M220 have internal cooling vanes to reduce motor temperature, and a removable center plug.

Bore Dia.	Dia.	Item No.
1/2 in	7 1/4 in	4UEZ6
1/2 in	6 3/4 in	4M219
5/8 in	6 3/4 in	4M220

IMPORTANT MOTOR INFORMATION | Refer to pages 3-7 for selection guidelines, standardized dimensions, thermal protection information, UL 507 Standard location information, NEMA & IEC guidelines, energy legislation information, and terminology.