



Arctic 59 Series 3.3" ECM Direct-Drive Blower Motors

- Enclosure: totally enclosed air-over
- Thermal protection: electronic
- Insulation: Class B
- Mounting: stud
- Bearings: ball
- Max. ambient temp.: 40°C
- Shaft orientation: all-angle
- Plug type: round 2-pin

Feature higher efficiency than standard induction motors for greater energy savings. Can maintain the rated rpm ($\pm 6\%$) independent of static pressure for better air distribution through the refrigeration area. Can be used for replacing shaded pole, PSC, and ECM motors. Suitable for evaporator fan motors used in beverage merchandisers, display cases, freezers, ice machines, vending machines, and walk-in coolers.

HP	Nameplate RPM	Voltage	Full Load Amps	Shaft Dia.	Shaft Length	Length Less Shaft	CLOCKWISE LEAD END		COUNTER CLOCKWISE LEAD END	
							Item No.	Item No.	Item No.	Item No.
1/50	1,550	115V AC	1.00	5/16 in	1 in	4 1/8 in	—	25TU28	†	25TU24
	1,550	115V AC	1.00	5/16 in	2 3/8 in	4 1/4 in	—	—	—	—
	1,550	115V AC	1.00	5/16 in	2 3/8 in	4 1/4 in	—	25TU25	—	—
1/15	1,550/800	115V AC	1.10	5/16 in	2 3/8 in	3 13/16 in	—	40TL72	—	40TL71
	1,550	208-230V AC	0.63	5/16 in	1 in	4 1/8 in	—	—	—	25TU33
	1,550	208-230V AC	0.63	5/16 in	2 3/8 in	4 1/4 in	—	25TU29	*	25TU30
	1,550/800	208-230V AC	0.63	5/16 in	2 3/8 in	3 13/16 in	—	40TL69	—	40TL70

* Front and rear mounting. † Front mounting only.



3.3" EC Walk-In Cooler Evaporator Motors

- Enclosure: totally enclosed air-over
- Thermal protection: auto
- Insulation: Class B (1/15 HP), Class A (1/10 HP)
- Bearings: unit
- Max. ambient temp.: 40°C
- Plug type: round 2-pin

Feature higher efficiency than standard induction motors for greater energy savings. Can maintain the rated rpm ($\pm 6\%$) independent of static pressure for better air distribution through the refrigeration area. Motors can be used for replacing shaded pole, PSC, and ECM motors. Suitable for condenser and evaporator fan motors used in display cases, ice machines, beverage merchandisers, vending machines, walk-in coolers, and freezers.



23TM13

HP	Nameplate RPM	Voltage	Full Load Amps	Motor Shaft Rotation	Shaft Dia.	Shaft Length	Length Less Shaft	Item No.
Cast Iron Frame with Stud Mounting								
Horizontal or Vertical Shaft Down Mounting Position								
1/15	1,550	115V AC	1.20	CCWLE	5/16 in	2 3/8 in	3 1/2 in	23TM13
	1,550	115V AC	1.20	CWLE	5/16 in	2 3/8 in	3 1/2 in	23TM16
	1,550	230V AC	0.77	CCWLE	5/16 in	2 3/8 in	3 1/2 in	23TM14
All Angle Mounting Position								
1/10	1,550	115V AC	1.00	CCWLE	5/16 in	2 3/8 in	4 3/8 in	5ULD1
	1,550	115V AC	1.00	CWLE	5/16 in	2 3/8 in	4 3/8 in	5ULD0
	1,550	230V AC	1.00	CCWLE	5/16 in	2 3/8 in	4 3/8 in	5ULD3
	1,550	230V AC	1.00	CWLE	5/16 in	2 3/8 in	4 3/8 in	5ULD2



3RCX2

3.3"-Dia. PSC Motors

- Thermal protection: auto
- Service factor: 1.0
- Insulation: Class B
- Mounting: stud
- Bearings: ball
- Max. ambient temp.: 40°C
- Duty: continuous

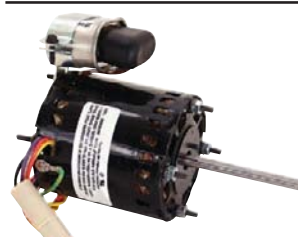
Deliver higher performance, efficiency, and starting torque than standard 3.3" shaded pole motors. Quick-reversing plug. Studs on both endshields and longer shaft for replacing many OEM motors from Chandler, Climate Control, Heatcraft, Larkin, and others.

HP	Nameplate RPM	Rotation	Voltage	Full Load Amps	Shaft Dia.	Shaft Length	Length Less Shaft	Cord Length	Item No.
Open Air-Over									
1/100	1,550	CW/CCW	120V AC	0.22	1/4 in	1 1/2 in	4 in	20 in	20HN87 ‡
1/70	1,550	CW/CCW	120V AC	0.30	1/4 in	1 1/2 in	4 in	20 in	20HN88 ‡
1/50	1,550	CW/CCW	120V AC	0.35	1/4 in	1 1/2 in	4 in	20 in	20HN89 ‡
1/40	1,550	CW/CCW	120V AC	0.37	1/4 in	1 1/2 in	4 in	20 in	20HN90 ‡
1/30	1,550	CW/CCW	120V AC	0.50	1/4 in	1 1/2 in	4 in	20 in	20HN91 ‡
1/25	1,550	CW/CCW	120V AC	0.59	1/4 in	1 1/2 in	4 in	20 in	20HN92 ‡
1/20	3,000	CW/CCW	115V AC	0.63	5/16 in	2 1/2 in	3 13/16 in	20 in	6NZP6
	1,550	CW/CCW	115V AC	0.80	5/16 in	2 1/2 in	3 13/16 in	20 in	3RCX2
1/15	1,550	CW/CCW	208-230V AC	0.40-0.38	5/16 in	2 1/2 in	3 13/16 in	20 in	3RCX8 †
	1,625	CWSE	115V AC	1.00	5/16 in	2 1/4 in	5 in	12 in	3M499 *
	1,550	CW/CCW	115V AC	1.00	5/16 in	2 1/2 in	3 13/16 in	20 in	3RCX3
1/10	1,550	CW/CCW	208-230V AC	0.50-0.46	5/16 in	2 1/2 in	3 13/16 in	20 in	3RCX9 †
	1,550	CW/CCW	120V AC	0.93	1/4 in	1 1/2 in	4 1/4 in	20 in	20HN94 ‡
	3,000	CW/CCW	115V AC	1.20	5/16 in	2 1/2 in	4 1/4 in	20 in	6NZP8
1/10	1,550	CW/CCW	115V AC	1.40	5/16 in	2 1/2 in	4 1/4 in	20 in	3RCX4
	1,550	CW/CCW	120V AC	1.50	1/4 in	1 1/2 in	4 13/16 in	20 in	20HN95 ‡
Totally Enclosed Air-Over									
1/100	1,550	CW/CCW	120V AC	0.21	1/4 in	1 1/2 in	4 in	20 in	20HN78 ‡
1/70	1,550	CW/CCW	120V AC	0.27	1/4 in	1 1/2 in	4 in	20 in	20HN79 ‡
1/50	1,550	CW/CCW	120V AC	0.32	1/4 in	1 1/2 in	4 in	20 in	20HN80 ‡
1/40	1,550	CW/CCW	120V AC	0.37	1/4 in	1 1/2 in	4 in	20 in	20HN81 ‡
1/25	1,550	CW/CCW	120V AC	0.54	1/4 in	1 1/2 in	4 in	20 in	20HN83 ‡
1/20	1,550	CW/CCW	115V AC	0.70	5/16 in	2 1/2 in	3 13/16 in	20 in	3RCX5
1/15	1,550	CW/CCW	208-230V AC	0.50-0.45	5/16 in	2 1/2 in	3 1/2 in	20 in	3RCY3
Totally Enclosed Fan-Cooled									
1/6	3,000	CW/CCW	115V AC	1.30	5/16 in	2 3/8 in	5 13/16 in	12 in	3M292
	3,000	CW/CCW	230V AC	0.60	5/16 in	2 3/8 in	5 3/8 in	12 in	4M090 * †

* Requires capacitor 2MDV3, available on Grainger.com. † 60/50 Hz. ‡ Includes bracket and removable studs. # 2-prong polarized plug.



20HN78



3-in-1 HP 3.3"-Dia. PSC Motor

- Enclosure: open air-over
- Thermal protection: auto
- 60/50 Hz
- Service factor: 1.0
- Insulation: Class B
- Mounting: stud
- Bearings: ball
- Max. ambient temp.: 40°C
- Duty: continuous

Open air-over motor replaces 1/12, 1/15, and 1/20 HP PSC and low-efficient shaded pole motors. Quick-reversing plug. Studs on both endshields and longer shaft for replacing many OEM motors from Chandler, Climate Control, Heatcraft, Larkin, and others.

HP	Nameplate RPM	Rotation	Voltage	Full Load Amps	Shaft Dia.	Shaft Length	Length Less Shaft	Item No.
1/12	1,550/1,350	CW/CCW	115/208-230V AC	0.90, 0.43, 1.10, 0.49	5/16 in	3 3/4 in	3 3/8 in	2NFD1

