



2HTK8



2HTL6



2HTK9

Split-Phase Evaporative Cooler AC Motors

- Enclosure: open dripproof
- Thermal protection: auto
- Service factor: 1.0
- Insulation: Class B

- Mounting position: all angle
- Bearings: ball
- Ring dia.: 2½"

These motors are single phase with a lower starting torque for softer startup where the cooling fan must gradually come up to speed after startup. They power the fans inside evaporative coolers that move air into the unit to cool the air and then recirculate it into the surrounding area.



HP	Nameplate RPM	Frame	Voltage	Full Load Amps	Shaft Dia.	Shaft Length	Length Less Shaft	Rotation	Max. Ambient Temp.	Brand	Mfr. Model	Item No.
1-Speed, Cradle Base Mount												
1/2	1,725	56Z	115V AC	7.8	½ in	1 ½ in	7 15/16 in	CW/CCW	40 °C	Century	VB2054BV1	2HTK8
1/3	1,725	56Z	115V AC	6.5	½ in	1 ½ in	7 15/16 in	CW/CCW	40 °C	Century	VB2034BV1	2HTK4
3/4	1,725	56	115V AC	10.6	½ in	1 ½ in	7 15/16 in	CW/CCW	40 °C	Century	VB2074BV1	2HTL3
1-Speed, Ring Mount												
1/2	1,725	56Z	115V AC	7.8	½ in	1 ½ in	7 15/16 in	CCWLE	40 °C	Century	VB2054V1	2HTK7
1/2	1,725	56	230V AC	4.8	¾ in	1 ½ in	7 7/8 in	CWSE	40 °C	Weg	.50180S1DEC56	6AYP5
1/2	1,725	56	115V AC	8.2	½ in	1 15/16 in	7 7/8 in	CWSE	40 °C	Weg	.50180S1AEC56	6AYP8
1/3	1,725	56Z	115V AC	6.5	½ in	1 ½ in	7 15/16 in	CCWLE	40 °C	Century	VB2034V1	2HTK3
1/3	1,725	56	115V AC	6.6	½ in	1 ½ in	7 7/8 in	CWSE	40 °C	Weg	.33180S1AEC56	6AYP7
3/4	1,725	56Z	115V AC	10.6	½ in	1 ½ in	7 15/16 in	CCWLE	40 °C	Century	VB2074V1	2HTL2
3/4	1,725	56Z	115V AC	10.7	½ in	1 ½ in	7 15/16 in	—	40 °C	U.S. Motors	6769	55MM54
2-Speed, Cradle Base Mount												
1/3, 3/4	1,725/1,140	56	115V AC	9.8/6.4	½ in	1 ½ in	7 15/16 in	CW/CCW	40 °C	Century	SVB2074BV2	2HTL6
1/3, 1/6	1,725/1,140	56Z	115V AC	6.9/3.4	½ in	1 ½ in	7 15/16 in	CW/CCW	40 °C	Century	SVB2034BV1	2HTK6
2-Speed, Ring Mount												
1/2	1,725/1,140	56Z	115V AC	8.5/4.1	½ in	1 ½ in	7 15/16 in	CCWLE	40 °C	Century	SVB2054V1	2HTK9
1/2, 1/6	1,725/1,140	56Z	230V AC	4.4/2.0	½ in	1 ½ in	7 15/16 in	CCWLE	40 °C	Century	SVB2054HV1	2HTL1
1/2	1,800/1,200	56	115V AC	8.2/4.6	½ in	1 ½ in	7 7/8 in	CWSE	40 °C	Weg	.50820S1AEC56	6AYN9
1/2	1,800/1,200	56	230V AC	4.8/2.1	¾ in	1 ½ in	7 7/8 in	CWSE	40 °C	Weg	.50820S1DEC56	6AYP2
1/3, 1/6	1,725/1,140	56Z	115V AC	6.9/4.0	½ in	1 ½ in	7 15/16 in	CCWLE	40 °C	Century	SVB2034V1	2HTK5
1/3, 1/9	1,800/1,200	56	115V AC	6.6/3.7	½ in	1 ½ in	7 7/8 in	CWSE	40 °C	Weg	.33820S1AEC56	6AYN8
3/4, 1/4	1,725/1,140	56Z	115V AC	10.5/5.0	½ in	1 ½ in	7 15/16 in	CCWLE	40 °C	Century	SVB2074V1	2HTL4
3/4, 1/4	1,725/1,140	56Z	230V AC	5.6/2.8	½ in	1 ½ in	7 15/16 in	CCWLE	40 °C	Century	SVB2074HV1	2HTL5

Capacitor-Start Evaporative Cooler AC Motors

- Enclosure: open dripproof
- Thermal protection: auto
- Service factor: 1.0, except 5DVX1 is 1.25
- Insulation: Class B
- Mounting position: all angle
- Duty: continuous
- Ring dia.: 2½"

These evaporative cooler AC motors have a capacitor that provides additional power during startup for higher starting torque. They power the fans inside evaporative coolers that move air into the unit to cool the air and then recirculate it into the surrounding area. The higher torque allows these single-phase motors to move heavier loads at lower speeds.



5DVX1



6AYP6

HP	Nameplate RPM	Frame	Voltage	Full Load Amps	Bearings	Shaft Dia.	Shaft Length	Length Less Shaft	Rotation	Max. Ambient Temp.	Brand	Mfr. Model	Item No.
1-Speed, Cradle Base Mount													
1	1,725	56	115/208-230V AC	14.4/7.2-6.6	Ball	¾ in	1 ½ in	9 15/16 in	CW/CCW	40 °C	Century	V1104BL	5DVX1
1-Speed, Ring Mount													
3/4	1,725	56	230V AC	5.5	Ball	¾ in	1 ½ in	7 7/8 in	CWSE	40 °C	Weg	.75180S1DEC56	6AYP6
3/4	1,800	56	115V AC	10.4	Ball	¾ in	1 ½ in	7 7/8 in	CWSE	40 °C	Weg	.75180S1AEC56	6AYP9
2-Speed, Cradle Base Mount													
1	1,725/1,140	56Z	115V AC	12.7/7.6	Sleeve	¾ in	2 ½ in	9 15/16 in	CCWLE	40 °C	Century	SV2104V1L1	38P091
1 1/2	1,725/1,140	56Z	230V AC	6.4/3.9	Sleeve	¾ in	2 ½ in	9 15/16 in	CW/CCW	40 °C	Century	SV2104HV2	6FJF4
2-Speed, Ring Mount													
3/4, 1/4	1,725/1,140	56	115V AC	10.3	Ball	¾ in	1 ½ in	7 7/8 in	CWSE	40 °C	Weg	.75820S1AEC56	6AYP0
3/4, 1/4	1,725/1,140	56	230V AC	5.5	Ball	¾ in	1 ½ in	7 7/8 in	CWSE	40 °C	Weg	.75820S1DEC56	6AYP3
1, 1/2	1,725/1,140	56	230V AC	6.5	Ball	¾ in	1 ½ in	8 7/8 in	CWSE	40 °C	Weg	001820S1DEC56	6AYP4



6FFH0

Capacitor-Start/Run Evaporative Cooler AC Motor

- Enclosure: open dripproof
- Thermal protection: auto
- Insulation: Class B
- Mounting position: all angle

- Bearings: ball
- Duty: continuous
- Ring dia.: 2½"

Features a main winding and an auxiliary winding with both a start capacitor and a run capacitor for additional power during startup for higher torque and higher operating efficiency when powering fans inside evaporative coolers. The fans move air into the unit to cool the air and then recirculate it into the surrounding area.



HP	Nameplate RPM	Frame	Voltage	Full Load Amps	Motor Service Factor	Shaft Dia.	Shaft Length	Length Less Shaft	Rotation	Max. Ambient Temp.	Mfr. Model	Item No.
2-Speed, Ring Mount												
1, 1/2	1,725/1,140	56	115V AC	12.1	1	¾ in	1 ½ in	8 15/16 in	CWSE	40 °C	001820S1AEC56	6AYP1



6FFH0

3-Phase Evaporative Cooler AC Motors

- Enclosure: open dripproof
- Mounting position: all angle

Highly efficient AC motors power the fans inside evaporative coolers that move air into the unit to cool the air and then

recirculate it into the surrounding area. They have a high starting torque compared to single-phase models of the same HP, rpm, and frame size. Motors require no capacitors to start or run which can wear out and fail.



HP	Nameplate RPM	Frame	Voltage	Full Load Amps	Shaft Dia.	Rotation	Max. Ambient Temp.	Mfr. Model	Item No.
1-Speed, Rigid Base Mount									
3/4	1,800	56	208-230/460V AC	3.5-3.2/1.60	¾ in	CWSE	40 °C	110461	6FFH3
3	1,800	182T	208-230/460V AC	10.6-9.6/4.8	1 ½ in	CWSE	40 °C	110465-9	6FFH0
5	1,800	184T	208-230/460V AC	16.7-15.2/7.6	1 ½ in	CWSE	40 °C	110466-9	6FFH1