

Find Motor Selection Guidelines on pg. 3, or use MotorMatch® at grainger.com/motors

3-Phase NEMA Premium® Efficient Cooling Tower Motors



Note: Motors are suitable for use at 50 Hz at rated HP and 1.25 service factor.



**F1 Conduit
Box Position**



**F2 Conduit
Box Position**

- Enclosure: totally enclosed fan-cooled
- Rotation: CW/CCW
- Thermal protection: none
- Service factor: 1.25
- Insulation: Class F, with B temperature rise for longer life
- Inverter rated
- Mounting: rigid base
- Frame material: cast-iron
- Bearings: ball
- Max. ambient temp.: 40°C
- Usable at 208V
- Warranty: 3 yr.

Durable synthetic enamel alkyd resin paint resists corrosion. V-ring slingers and umbrella seal on both endshields protect bearings from moisture and contaminants. Multiple endbell drains provide for shaft-up, -down, or -horizontal mounting. Include threaded conduit box with automatic drain and rubber lead separators at the motor frame. Stainless steel laser-etched nameplate maintains information over long life. Suitable for operation in 100% humidity and corrosive environments. For use in cooling tower applications where the motor is mounted in the airstream. Meet IP55 enclosure rating. UL Recognized and CSA Certified.

HP	Nameplate RPM	Frame	Voltage	Full Load Amps	Nom. Efficiency	Overall Length	Mfr. Model	Item No.
F1 Conduit Box Position								
1	1760	143T	230/460	2.8/1.4	85.5%	13 ^{3/8}	00118ET3ECT143TF1-W2	19C670
1½	1755	145T	200	4.7	86.5%	13 ^{3/8}	00158ET3ECT145TF1-W2	19C671
	1755	145T	230/460	4.04/2.02	86.5%	13 ^{3/8}	00158ET3ECT145TF1-W2	19C672
2	1750	145T	200	6.0	86.5%	13 ^{3/8}	00218ET3ECT145TF1-W2	19C673
	1750	145T	230/460	5.2/2.6	86.5%	13 ^{3/8}	00218ET3ECT145TF1-W2	19C674
3	1760	182T	200	8.9	89.5%	14 ^{1/8}	00318ET3ECT182TF1-W2	19C675
	1760	182T	230/460	7.8/3.9	89.5%	14 ^{1/8}	00318ET3ECT182TF1-W2	19C676
5	1755	184T	200	14.8	89.5%	15 ^{1/8}	00518ET3ECT184TF1-W2	19C677
	1755	184T	230/460	14.3/12.9-6.45	89.5%	15 ^{1/8}	00518ET3ECT184TF1-W2	19C678
7½	1765	213T	200	20.7	91.7%	18"	00718ET3ECT213TF1-W2	19C679
	1765	213T	230/460	18.0/9.0	91.7%	18"	00718ET3ECT213TF1-W2	19C680
10	1760	215T	200	28.5	91.7%	19 ^{1/2}	01018ET3ECT215TF1-W2	19C681
	1760	215T	230/460	24.8/12.4	91.7%	19 ^{1/2}	01018ET3ECT215TF1-W2	19C682
15	1175	256T	230/460	25.8/12.9	91.0%	25"	01012ET3ECT256TF1-W2	19C683
	1765	254T	200	41.4	92.4%	23 ^{1/4}	01518ET3ECT254TF1-W2	19C684
20	1765	254T	230/460	36.0/18.0	92.4%	23 ^{1/4}	01518ET3ECT254TF1-W2	19C685
	1765	256T	200	55.4	93.0%	25"	02018ET3ECT256TF1-W2	19C686
25	1765	256T	230/460	48.2/24.1	93.0%	26 ^{1/8}	02018ET3ECT256TF1-W2	19C687
	1765	284T	200	67.9	93.6%	26 ^{1/8}	02518ET3ECT284TF1-W2	19C688
30	1765	284T	230/460	59.0/29.5	93.6%	26 ^{1/8}	02518ET3ECT284TF1-W2	19C689
	1765	286T	200	80.7	93.6%	27 ^{1/8}	03018ET3ECT286TF1-W2	19C690
40	1765	286T	230/460	70.2/35.1	93.6%	27 ^{1/8}	03018ET3ECT286TF1-W2	19C691
	1775	324T	200	111.0	94.1%	29 ^{3/8}	04018ET3ECT324TF1-W2	19C692
	1775	324T	230/460	96.4/48.2	94.1%	29 ^{3/8}	04018ET3ECT324TF1-W2	19C693
F2 Conduit Box Position								
1	1765	143T	230/460	2.82/1.45	85.5%	13 ^{3/8}	00118ET3ECT143T-W22	6EGP2
1½	1150	145T	230/460	3.5/1.75	82.5%	13 ^{3/8}	00112ET3ECT145T-W22	6EGP3
	1760	145T	230/460	4.0/2.0	86.5%	13 ^{3/8}	00158ET3ECT145T-W22	6EGP4
2	1165	182T	230/460	4.8/2.4	87.5%	14 ^{1/8}	00152ET3ECT182T-W22	6EGP5
	1755	145T	230/460	5.2/2.6	86.5%	13 ^{3/8}	00218ET3ECT145T-W22	6EGP6
3	1165	184T	230/460	6.5/3.25	88.5%	15 ^{1/8}	00212ET3ECT184T-W22	6EGP7
	1760	182T	230/460	7.8/3.9	89.5%	14 ^{1/8}	00318ET3ECT182T-W22	6EGP8
5	1170	213T	230/460	8.8/4.4	89.5%	18 ^{1/8}	00312ET3ECT213T-W22	6EGP9
	1755	184T	200	14.8	89.5%	15 ^{1/8}	00518ET3ECT184T-W22	6EGR0
7½	1755	184T	230/460	12.8/6.4	89.5%	15 ^{1/8}	00518ET3ECT184T-W22	6EGR1
	1160	215T	200	15.7	89.5%	19 ^{1/8}	00512ET3ECT215T-W22	6EGR2
10	1160	215T	230/460	13.7/6.8	89.5%	19 ^{1/8}	00512ET3ECT215T-W22	6EGR3
	1770	213T	200	20.7	91.7%	18 ^{1/8}	00718ET3ECT213T-W22	6EGR4
15	1770	213T	230/460	19.9-18/9	91.7%	18 ^{1/8}	00718ET3ECT213T-W22	6EGR5
	1170	254T	200	22.4	91.0%	23 ^{1/4}	00712ET3ECT254T-W22	6EGR6
20	1170	254T	230/460	21.0-19.0/9.5	91.0%	23 ^{1/4}	00712ET3ECT254T-W22	6EGR7
	1765	215T	200	28.5	91.7%	19 ^{1/8}	01018ET3ECT215T-W22	6EGR8
25	1765	215T	230/460	25.2/12.6	91.7%	19 ^{1/8}	01018ET3ECT215T-W22	6EGR9
	1170	256T	200	29.7	91.0%	25"	01012ET3ECT256T-W22	6EGT0
30	1170	256T	230/460	26.5/12.9	91.0%	25"	01012ET3ECT256T-W22	6EGT1
	1765	254T	200	41.4	92.4%	23 ^{1/4}	01518ET3ECT254T-W22	6EGT2
35	1765	254T	230/460	36.0/18.0	92.4%	23 ^{1/4}	01518ET3ECT254T-W22	6EGT3
	1180	284T	200	41.2	91.7%	26 ^{1/8}	01512ET3ECT284T-W22	6EGT4
40	1180	284T	230/460	35.8/17.9	91.7%	26 ^{1/8}	01512ET3ECT284T-W22	6EGT5
	1765	256T	200	55.4	93.0%	25"	02018ET3ECT256T-W22	6EGT6
45	1765	256T	230/460	48.2/24.1	93.0%	25"	02018ET3ECT256T-W22	6EGT7
	1180	286T	200	55.7	91.7%	28"	02012ET3ECT286T-W22	6EGT8
50	1180	286T	230/460	48.4/24.2	91.7%	28"	02012ET3ECT286T-W22	6EGT9
	1770	284T	200	67.9	93.6%	26 ^{1/8}	02518ET3ECT284T-W22	6EGU0
55	1765	284T	230/460	59.0/29.5	93.6%	26 ^{1/8}	02518ET3ECT284T-W22	6EGU1
	1175	324T	200	69.9	93.0%	29 ^{3/8}	02512ET3ECT324T-W22	6EGU2
60	1175	324T	230/460	60.8/30.4	93.0%	29 ^{3/8}	02512ET3ECT324T-W22	6EGU3
	1765	286T	200	80.7	93.6%	28"	03018ET3ECT286T-W22	6EGU4
65	1765	286T	230/460	70.2/35.1	93.6%	28"	03018ET3ECT286T-W22	6EGU5
	1175	326T	200	82.2	93.0%	31 ^{1/8}	03012ET3ECT326T-W22	6EGU6
70	1175	326T	230/460	71.6/35.8	93.0%	31 ^{1/8}	03012ET3ECT326T-W22	6EGU7
	1775	324T	230/460	96.5/48.3	94.1%	29 ^{3/8}	04018ET3ECT324T-W22	6EGU8
75	1185	364T	230/460	94.2/47.1	94.1%	33 ^{1/8}	04012ET3ECT364T-W22	6EGU9
	1780	326T	230/460	118.0/59.2	94.5%	31 ^{1/8}	05018ET3ECT326T-W22	6EGV0
80	1180	365T	230/460	115.0/57.4	94.1%	34 ^{1/4}	05012ET3ECT365T-W22	6EGV1
	1780	364T	230/460	137.0/68.4	95.0%	34 ^{1/4}	06018ET3ECT364T-W22	6EGV2
85	1180	404T	230/460	141.0/70.4	94.5%	39 ^{3/4}	06012ET3ECT404T-W22	6EGV3
	1775	365T	230/460	168.0/84.1	95.4%	34 ^{1/4}	07518ET3ECT365T-W22	6EGV4
90	1180	405T	230/460	170.0/84.9	94.5%	39 ^{3/4}	07512ET3ECT405T-W22	6EGV5
	1775	405T	230/460	222.0/111.0	95.4%	39 ^{3/4}	10018ET3ECT405T-W22	6EGV6
100	1190	444T	230/460	242.0/121.0	95.0%	45 ^{1/4}	10012ET3ECT444T-W22	6EGV7

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