



Condenser Fan Motors, Three Phase

MARS SERIES **562**

Condenser Fan/Heat Pump, Three Phase



Applications: Commercial condenser fans may be installed outdoors. These motors need to be mounted within the airflow of the fan for proper cooling. Used on Trane, Carrier, Climatrol and York units, 5 tons and larger.

Features:

- 70°C ambient (except as noted)
- Enclosed shaft end bracket, vented frame
- Automatic reset thermal protector
- Nameplate 60/50 hertz 190/380 volts, at next lower HP (except as noted)
- Double sealed ball bearings
- 5/8" Dia. x 5" long shaft with flat and key-way
- Ball bearings
- Threaded lead exit
- Patented VCD™ - Voltage Change Device
- 4 Locating screws 90 degrees apart, 3.33" from outer edge of shaft slinger
- Hubs on both ends will accept resilient base kits, see Accessories section (except X524 and X526 - horizontal only)
- UL Recognized and CSA Certified
- External shaft slinger on all, internal slinger on 5K models



Open Air Over, Belly Band/Resilient Ring

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	FOOT NOTES
1/3	850	208-230/460	56Y	X511	56T8O5303	★	F1	2.3-2.5/1.25	9 1/2	VC
1/2	1140	208-230/460	56Y	K578	5K46LN6032S	★	F1	2.1-2.4/1.2	8.89	d,46
	1140	200-230/460	56Y	X500	56T11O5300	★	F1	2.4-2.7/1.35	9.00	VC
	1140	575	56Y	K1500	5K49MN6432S	★	F1	1.0	9.49	33,46
3/4	1140	208-230/460	56Y	K378	5K46LN6033S	★	F1	3.0-3.4/1.7	8.89	d,46
	1140	200-230/460	56Y	X501	56T11O5301	★	F1	3.1-3.2/1.6	9.50	VC
	1140	575	56Y	K1505	5K46LN6428S	★	F1	1.5	8.89	33,46
	850	208-230/460	56Y	X506	56T8O5301	★	F1	3.6-3.6/1.8	11.00	VC
1	1140	208-230/460	56Y	K379	5K49RN6034S	★	F1	4.2-4.0/2.0	10.02	d,46
	1140	200-230/460	56Y	X502	56T11O5302	★	F1	4.0-4.2/2.1	10.00	VC
	1140	575	56Y	X522	56T11O5308	★	F1	1.7	10.00	70
	1140	575	56Y	K1510	5K49RN6429S	★	F1	1.6	16.02	d,33,46
	850	208-230/460	56Y	K1482	5K48WN3013S	★	F1	5.1-5.2/2.6	10.77	d,46
	850	200-230/460	56Y	X507	56T8O5302	★	F1	5.3-5.3/2.6	12.00	VC
	850	575	56Y	K1511	5K48WN3181S	★	F1	2.0	10.77	d,33,46
	850	575	56Y	X527	56T8O5304	★	F1	2.1	12.00	70
1 1/2	1140	208-230/460	56Y	K380	5K48TN6035S	★	F1	5.1-5.0/2.5	10.77	d,46
	1140	200-230/460	56Y	X503	56T11O5303	★	F1	5.5-5.4/2.7	11.00	VC
	1140	575	56Y	X524	56T11O5307	★	F1	2.2	11.00	73
	1140	575	56Y	K1515	5K48TN6430S	★	F1	2.2	10.77	d,33,46
	850	208-230/460	56Y	X530	56T8O5307	★	F1	7.5-6.8/3.4	11.25	VC
2	1140	208-230/460	56Y	X509	56T11O5304	★	F1	7.2-6.8/3.4	12.00	VC
	1140	208-230/460	56Y	K1488	5K49ZN6138S	★	F1	7.4-7.4/3.7	11.97	d,33,46
	1140	575	56Y	K1520	5K49ZN6433S	★	F1	2.5	11.97	d,33,46
	1140	575	56Y	X526	56T11O5309	★	F1	2.7	11.63	73

Open Air Over, Belly Band/Resilient Ring, Shaft Up with Fan Canopy / Rainshield

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	FOOT NOTES
1/2	1140	200-230/460	48Y	K1403	5K36PN345S	★	F1	2.2-2.6/1.3	7.95	46
3/4	1140	200-230/460	48Y	K1404	5K38SN267S	★	F1	3.3-3.8/1.9	8.95	46
	1140	575	48Y	K1405	5K39SNB765T	★	F1	1.5	8.50	46
1	1140	200-230/460	48Y	K1402	5K39SNB505S	★	F1	4.4-4.0/2.0	8.50	46
1 1/2	1140	200-230/460	48Y	K1407	5K39SNB587S	★	F1	6.0-5.8/2.9	10.63	46

★ Stock model for Marathon and/or MARS.

