



Section



Air Moving Components

MARS SERIES 400



MARS Description

Page

Air Moving Components

3-Wing Adapter Heavy Duty Condenser Fan Blades	AM-3, AM-4
4-Wing Adapter Heavy Duty Condenser Fan Blades	AM-5 to AM-7
5-Wing Adapter Heavy Duty Condenser Fan Blades	AM-8, AM-9
2-Wing Fixed Hub Fan Blades	AM-12
3-Wing Fixed Hub Fan Blades	AM-13
4-Wing Fixed Hub Fan Blades	AM-14
5-Wing Fixed Hub Fan Blades	AM-14
4-Wing Single Piece Aluminum Blades with Hub	AM-15
5-Wing Single Piece Aluminum Blades with Hub	AM-15 to AM-17
4-Wing Single Piece Aluminum Blades, Hubless, Unit Bearing Mount	AM-18
5-Wing Single Piece Aluminum Blades, Hubless, Unit Bearing Mount	AM-18, AM-19
Belt Drive Blower Wheels	AM-26
Direct Drive Blower Wheels	AM-24, AM-25
Gates V-Belts	AM-31 to AM-35
A & B Belts	AM-31
3L, 4L, & 5L Belts	AM-32
AX, BX & 5VX Belts	AM-33, AM-34
Trouble Shooting Sources of Drive Problems	AM-35
KC & KH Fan Blades	AM-10, AM-11
MARS Accu-Link Adjustable V-Belts	AM-40
MARS FHP V-Belts	AM-36
MARS Multiple V-Belts	AM-37, AM-38
MARS Wedge V-Belts	AM-39, AM-40
OEM Blower Wheels	AM-20
Plastic Double Inlet Blower Wheel	AM-20
Plastic Fan Blades	AM-15
Small Double Inlet Wheels	AM-23
Single Inlet Blower Wheels	AM-20 to AM-22

MARS Description

Page

Air MARS Accessories

Bearings	AM-28, AM-29
Bearing Brackets	AM-29
Belt Drive Blower Accessories	AM-27 to AM-30
Belt Measuring Device	AM-34
Gates Accessories	AM-34
Pitch Gauge	AM-21
Pulleys	AM-27
Shafts	AM-30
Taper Lock Bushings	AM-11
Thrust Collars & Thrust Spacer Kits	AM-30
Universal Adapter Hex Hubs	AM-21

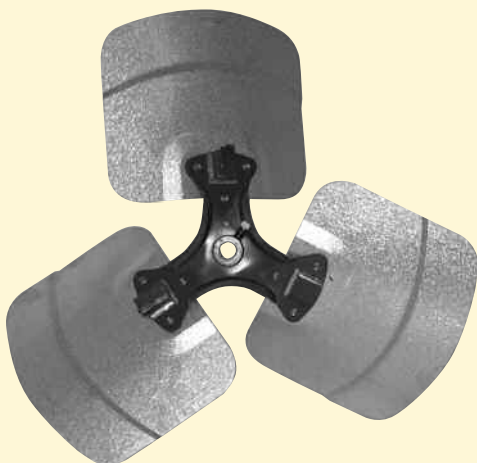
Cross Reference	AM-41 to AM-43
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Special Order Instructions	AM-44
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Air Moving Components

MARS SERIES **400**



3 Wing Adapter Heavy Duty Condenser Fan Blades

Air MARS 3 wing adapter, heavy duty condenser fan blades are designed for rigorous R/HVAC low pressure applications. They will accommodate universal hex/round adapter hubs. Air MARS adapter fan blades are durable, efficient & quiet. They are manufactured using high strength aluminum alloy for the blades & sturdy steel for the blade spiders.

Blade depths and pitches specified for Air MARS adapter fan blades allow for the replacement of a broad range of commonly used fan blades.

Typical applications are:

- | | |
|------------------------------|------------------------|
| Air Cooled Condensers | Power Roof Ventilators |
| Residential Air Conditioners | Unit Heaters |
| Heat Pumps | Fan Coil Units |
| Roof Top Air Conditioners | |

Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10"			Static Pressure .30"			MARS PACK
					RPM	CFM	BHP	RPM	CFM	BHP	
40025 40026	1023-3CW 1023-3CCW	10	23	1.86	825 1075 1725	73 187 487	0.005 0.008 0.02	825 1075 1725	N.A. N.A. 262	N.A. N.A. 0.04	2
40027	1027-3CW	10	27	2.19	825 1075 1725	104 241 572	0.006 0.01 0.03	825 1075 1725	N.A. N.A. 336	N.A. N.A. 0.05	2
40061 40062	1219-3CW 1219-3CCW	12	19	1.56	825 1075 1725	121 295 625	0.008 0.01 0.04	825 1075 1725	N.A. N.A. 429	N.A. N.A. 0.05	2
40029 40030	1223-3CW 1223-3CCW	12	23	1.88	825 1075 1725	209 385 769	0.01 0.02 0.05	825 1075 1725	N.A. N.A. 580	N.A. N.A. 0.07	2
40031 40032	1227-3CW 1227-3CCW	12	27	2.19	825 1075 1725	289 468 914	0.01 0.02 0.07	825 1075 1725	N.A. N.A. 714	N.A. N.A. 0.09	2
40033 40034	1423-3CW 1423-3CCW	14	23	2.67	825 1075 1725	568 892 1573	0.02 0.04 0.16	825 1075 1725	N.A. N.A. 1387	N.A. N.A. 0.17	2
40035 40036	1427-3CW 1427-3CCW	14	27	3.06	825 1075 1725	664 1006 1757	0.03 0.05 0.21	825 1075 1725	N.A. 531 1568	N.A. 0.08 0.23	2
40063	1619-3CW	16	19	2.56	825 1075 1725	610 1017 1811	0.02 0.05 0.17	825 1075 1725	N.A. 305 1549	N.A. 0.06 0.20	2
40037 40038	1622-3CW 1622-3CCW	16	22	2.94	825 1075 1725	748 1164 2039	0.03 0.06 0.23	825 1075 1725	N.A. 481 1815	N.A. 0.08 0.25	2
40039 40040	1627-3CW 1627-3CCW	16	27	3.56	825 1075 1725	1064 1525 2601	0.05 0.10 0.39	825 1075 1725	110 969 2401	0.06 0.11 0.41	2
40041 40042	1823-3CW 1823-3CCW	18	23	3.70	825 1075 1725	1202 1870 2487	0.06 0.10 0.32	825 1075 1725	464 972 2629	0.10 0.13 0.33	2

MAX RPM 10-18" DIA. 1725 RPM

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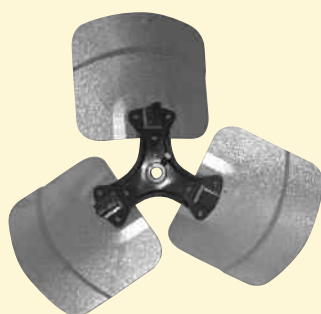


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AM-3

Air Moving Components

MARS SERIES **400**



3 Wing Adapter Heavy Duty Condenser Fan Blades (cont.) Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10"			Static Pressure .30"			MARS PACK
					RPM	CFM	BHP	RPM	CFM	BHP	
40043 40044	1827-3CW 1827-3CCW	18	27	4.31	825 1075 1725	1711 2305 4089	0.08 0.12 0.56	825 1075 1725	637 1312 3784	0.12 0.17 0.63	2
40065 40066	1830-3CW 1830-3CCW	18	30	4.75	825 1075 1725	1882 2502 4438	0.09 0.14 0.65	825 1075 1725	794 1526 4136	0.14 0.19 0.72	2
40045 40046	1833-3CW 1833-3CCW	18	33	5.17	825 1075 1725	1993 2682 4790	0.11 0.17 0.80	825 1075 1725	914 1681 4403	0.15 0.22 0.86	2
40047 40048	2024-3CW 2024-3CCW	20	24	3.86	825 1075 1140	2306 3052 3383	0.12 0.18 0.26	825 1075 1140	1290 2063 2781	0.16 0.22 0.31	2
40049 40050	2028-3CW 2028-3CCW	20	28	4.47	825 1075 1140	2639 3473 3841	0.14 0.22 0.32	825 1075 1140	1513 2462 3245	0.18 0.26 0.37	2
40067 40068	2031-3CW 2031-3CCW	20	31	4.91	825 1075 1140	2884 3790 4186	0.16 0.26 0.38	825 1075 1140	1707 2727 3552	0.21 0.30 0.43	2
40051 40052	2033-3CW 2033-3CCW	20	33	5.17	825 1075 1140	3035 3993 4412	0.19 0.29 0.43	825 1075 1140	1851 2854 3687	0.23 0.34 0.47	2
40053 40054	2227-3CW 2227-3CCW	22	27	4.31	825 1075 1140	3383 4478 4969	0.18 0.28 0.41	825 1075 1140	2111 3323 4169	0.26 0.34 0.47	2
40069 40024	2230-3CW 2230-3CCW	22	30	4.75	825 1075 1140	3580 4951 5483	0.21 0.34 0.49	825 1075 1140	2376 3807 4675	0.31 0.39 0.54	2
40055 40056	2233-3CW 2233-3CCW	22	33	5.17	825 1075 1140	3982 5259 5828	0.26 0.41 0.60	825 1075 1140	2639 3978 4923	0.35 0.48 0.65	2
40057 40058	2426-3CW 2426-3CCW	24	26	4.17	825 1075 1140	4433 5793 6382	0.27 0.43 0.63	825 1075 1140	3028 4792 5649	0.33 0.46 0.68	2
40059 40060	2433-3CW 2433-3CCW	24	33	5.17	825 1075 1140	5287 6906 7607	0.40 0.65 0.96	825 1075 1140	3772 5782 6763	0.46 0.68 1.00	2

MAX RPM 10-18" DIA. 1725 RPM 20"-24" DIA. 1140 RPM

AM-4

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Air Moving Components

MARS SERIES **400**

4 Wing Adapter Heavy Duty Condenser Fan Blades

Air MARS 4 wing adapter, heavy duty condenser fan blades are designed for rigorous R/HVAC pressure applications. They will accommodate universal hex/round adapter hubs for unlimited versatility. Air MARS adapter fan blades are durable, efficient, and quiet. They are manufactured using high strength aluminum alloy for the blades and sturdy steel for the blade spiders.

Blade depths and pitches specified for Air MARS adapter fan blades allow for the replacement of a broad range of commonly used fan blades.

Typical applications are:

Air Cooled Condensers Power Roof Ventilators
Residential Air Conditioners Unit Heaters
Heat Pumps Fan Coil Units
Roof Top Air Conditioners

Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10"			Static Pressure .30"			MARS PACK
					RPM	CFM	BHP	RPM	CFM	BHP	
41805	1020-4CW	10	20	2.00	825	103	0.006	825	N.A.	N.A.	2
					1075	205	0.009	1075	N.A.	N.A.	
					1725	458	0.03	1725	2.86	0.045	
40070 40071	1023-4CW 1023-4CCW	10	23	2.28	825	100	0.008	825	N.A.	N.A.	2
					1075	250	0.009	1075	N.A.	N.A.	
					1625	550	0.03	1625	350	0.04	
40072 40073	1027-4CW 1027-4CCW	10	27	2.64	825	150	0.007	825	N.A.	N.A.	2
					1075	300	0.01	1075	N.A.	N.A.	
					1625	600	0.03	1625	400	0.04	
40074 40075	1033-4CW 1033-4CCW	10	33	3.16	825	220	0.01	825	N.A.	N.A.	2
					1075	360	0.02	1075	N.A.	N.A.	
					1625	720	0.06	1625	480	0.09	
40122 40123	1216-4CW 1216-4CCW	12	16	1.63	825	107	0.004	825	N.A.	N.A.	2
					1075	262	0.014	1075	N.A.	N.A.	
					1725	745	0.040	1725	N.A.	N.A.	
40124 40125	1220-4CW 1220-4CCW	12	20	2.00	825	190	0.009	825	N.A.	N.A.	2
					1075	371	0.02	1075	82	0.03	
					1725	789	0.07	1725	515	0.08	
40076 40077	1223-4CW 1223-4CCW	12	23	2.28	825	260	0.01	825	N.A.	N.A.	2
					1075	450	0.03	1075	140	0.04	
					1625	890	0.08	1625	480	0.11	
40078 40079	1227-4CW 1227-4CCW	12	27	2.64	825	300	0.01	825	N.A.	N.A.	2
					1075	570	0.03	1075	N.A.	N.A.	
					1625	1010	0.07	1625	790	0.09	
40080 40081	1233-4CW 1233-4CCW	12	33	3.16	825	410	0.02	825	N.A.	N.A.	2
					1075	690	0.03	1075	380	0.06	
					1625	1210	0.12	1625	960	0.12	
40126 40127	1416-4CW 1416-4CCW	14	16	1.91	825	435	0.02	850	N.A.	N.A.	2
					1075	698	0.03	1075	N.A.	N.A.	
					1725	1237	0.09	1725	N.A.	N.A.	

MAX RPM 10-16" DIA. 1725 RPM

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AM-5

Air Moving Components

MARS SERIES **400**



4 Wing Adapter Heavy Duty Condenser Fan Blades (cont.)

Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10"			Static Pressure .30"			MARS PACK
					RPM	CFM	BHP	RPM	CFM	BHP	
40128 40129	1420-4CW 1420-4CCW	14	20	2.34	825 1075 1625	518 809 1339	0.02 0.03 0.13	825 1075 1625	N.A. 373 1184	N.A. 0.05 0.14	2
40082 40083	1423-4CW 1423-4CCW	14	23	2.672	825 1075 1625	580 890 1470	0.02 0.04 0.14	825 1075 1625	N.A. 440 1100	N.A. 0.06 0.13	2
40084 40085	1427-4CW 1427-4CCW	14	27	3.063	825 1075 1625	650 970 1600	0.02 0.04 0.15	825 1075 1625	N.A. 550 1320	N.A. 0.06 0.15	2
40086 40087	1433-4CW 1433-4CCW	14	33	3.672	825 1075 1625	780 1180 1940	0.04 0.07 0.18	825 1075 1625	120 730 1730	0.05 0.10 0.19	2
40130 40131	1620-4CW 1620-4CCW	16	20	2.69	825 1075 1625	927 1376 2265	0.04 0.08 0.32	825 1075 1625	372 878 2052	0.06 0.10 0.34	2
40088 40089	1623-4CW 1623-4CCW	16	23	3.063	825 1075 1625	1050 1520 2480	0.05 0.08 0.26	825 1075 1625	450 890 2150	0.06 0.11 0.27	2
40090 40091	1627-4CW 1627-4CCW	16	27	3.563	825 1075 1625	1180 1670 2700	0.07 0.09 0.29	825 1075 1625	730 1130 2350	0.10 0.14 0.32	2
40092 40093	1633-4CW 1633-4CCW	16	33	4.281	825 1075 1625	1420 2020 3190	0.05 0.12 0.44	825 1075 1625	930 1250 2490	0.09 0.16 0.46	2
40132 40133	1819-4CW 1819-4CCW	18	19	3.09	825 1075 1140	1318 1815 2802	0.06 0.08 0.50	825 1075 1140	646 1080 1196	0.09 0.13 0.53	2
40094 40095	1823-4CW 1823-4CCW	18	23	3.703	825 1075 1140	1630 2160 2310	0.07 0.12 0.14	825 1075 1140	860 1470 1780	0.11 0.17 0.19	2
40096 40097	1827-4CW 1827-4CCW	18	27	4.313	825 1075 1140	1810 2430 2690	0.09 0.15 0.18	825 1075 1140	950 1820 2250	0.12 0.19 0.26	2
40134 40135	1830-4CW 1830-4CCW	18	30	4.75	825 1075 1140	1991 2700 2990	0.11 0.16 0.78	825 1075 1140	1132 1827 2023	0.14 0.21 0.84	2
40098 40099	1833-4CW 1833-4CCW	18	33	5.172	825 1075 1140	2150 2880 3190	0.12 0.20 0.28	825 1075 1140	1300 1970 2240	0.16 0.25 0.29	2
40136 41813	2019-4CW 2019-4CCW	20	19	3.09	825 1075 1140	1881 1482 2929	0.11 0.18 0.28	875 1075 1140	1126 1836 2444	0.16 0.22 0.31	2
40100 40101	2023-4CW 2023-4CCW	20	23	3.703	825 1075 1140	2120 3120 3110	0.13 0.24 0.25	825 1075 1140	1080 2150 2360	0.15 0.26 0.30	2

MAX RPM 10-16" DIA. 1725 RPM 18"-26" DIA. 1140 RPM

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Air Moving Components

MARS SERIES **400**

4 Wing Adapter Heavy Duty Condenser Fan Blades (cont.) Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10"			Static Pressure .30"			MARS PACK
					RPM	CFM	BHP	RPM	CFM	BHP	
40102 40103	2027-4CW 2027-4CCW	20	27	4.313	825 1075 1140	2340 3250 3430	0.14 0.26 0.28	825 1075 1140	1250 2550 2820	0.17 0.32 0.41	2
40137 40138	2029-4CW 2029-4CCW	20	29	4.63	825 1075 1140	2975 3706 4286	0.02 0.03 0.13	825 1075 1140	2022 2934 3760	0.25 0.36 0.51	2
40104 40105	2033-4CW 2033-4CCW	20	33	5.172	825 1075 1140	3170 3880 4120	0.17 0.39 0.45	825 1075 1140	1650 3095 3210	0.26 0.44 0.49	2
40106 40107	2223-4CW 2223-4CCW	22	23	3.703	825 1075 1140	3070 4120 4400	0.18 0.37 0.40	825 1075 1140	1990 3580 3900	0.23 0.46 0.50	2
40108 40109	2227-4CW 2227-4CCW	22	27	4.313	825 1075 1140	3560 4780 5210	0.21 0.44 0.44	825 1075 1140	2260 4270 4640	0.27 0.54 0.57	2
40110 40111	2233-4CW 2233-4CCW	22	33	5.172	825 1075 1140	4230 5210 5860	0.30 0.60 0.74	825 1075 1140	2450 4600 5220	0.37 0.69 0.80	2
40139 40140	2235-4CW 2235-4CCW	22	35	5.44	825 1075 1140	4431 5932 6385	0.32 0.51 0.75	825 1075 1140	3197 4778 5624	0.42 0.60 0.81	2
40143 40144	2418-4CW 2418-4CCW	24	18	2.94	825 1075 1140	3352 4442 4757	0.13 0.21 0.30	825 1075 1140	2559 4019 4432	0.20 0.27 0.37	2
41816 41817	2420-4CW 2420-4CCW	24	20	3.38	825 1075 1140	3648 1848 5199	0.20 0.33 0.48	825 1075 1140	2857 4296 4781	0.28 0.40 0.57	2
40112 40113	2423-4CW 2423-4CCW	24	23	3.703	825 1075 1140	3700 5200 5400	0.22 0.45 0.53	825 1075 1140	2280 4340 4600	0.30 0.54 0.61	2
40114 40115	2427-4CW 2427-4CCW	24	27	4.313	825 1075 1140	4300 5900 6220	0.34 0.55 0.66	825 1075 1140	2860 5170 5500	0.36 0.64 0.75	2
40116 40117	2433-4CW 2433-4CCW	24	33	5.172	825 1075 1140	4800 6600 7100	0.39 0.85 1.02	825 1075 1140	3000 5820 6310	0.50 0.92 1.10	2
40145 40146	2624-4CW 2624-4CCW	26	24	3.86	825 1075 1140	5383 7129 7629	0.39 0.61 0.89	825 1075 1140	4399 6376 7099	0.47 0.70 1.00	2
40118 40119	2627-4CW 2627-4CCW	26	27	4.313	825 1075 1140	5300 7110 7520	0.43 0.92 1.12	825 1075 1140	3590 6550 7180	0.51 1.02 1.20	2
40120 40121	2633-4CW 2633-4CCW	26	33	5.172	825 1075 1140	6050 8200 8810	0.52 1.13 1.30	825 1075 1140	4220 7250 8100	0.58 1.18 1.42	2

MAX RPM 10-16" DIA. 1725 RPM 18"-26" DIA. 1140 RPM

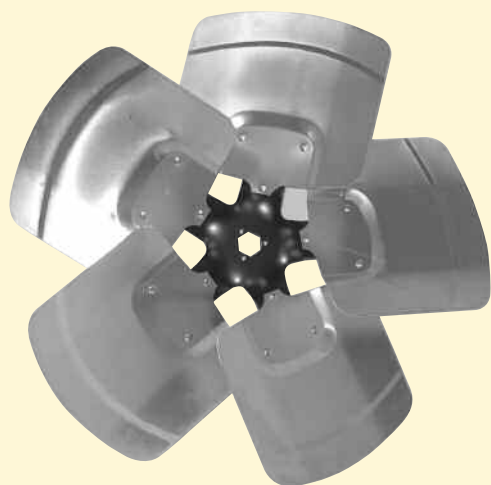


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AM-7

Air Moving Components

MARS SERIES **400**



5 Wing Adapter Heavy Duty Condenser Fan Blades

Air MARS 5 wing adapter, heavy duty condenser fan blades are designed for rigorous R/HVAC pressure applications. They will accommodate universal hex/round adapter hubs for unlimited versatility. Air MARS adapter fan blades are durable, efficient, and quiet. They are manufactured using high strength aluminum alloy for the blades and sturdy steel for the blade spiders.

Blade depths and pitches specified for Air MARS adapter fan blades allow for the replacement of a broad range of commonly used fan blades.

Typical applications are:

Air Cooled Condensers
Residential Air Conditioners
Heat Pumps
Power Roof Ventilators

Roof Top Air Conditioners
Unit Heaters
Fan Coil Units

Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10"			Static Pressure .30"			MARS PACK
					RPM	CFM	BHP	RPM	CFM	BHP	
40150 40151	1627-5CW 1627-5CCW	16	27	3.33	825 1075 1140	1180 1570 1800	0.08 0.11 0.13	825 1075 1140	590 1250 1450	0.09 0.14 0.16	2
41818	1629-5CW	16	29	3.55	825 1075 1140	1267 1685 1955	0.09 0.14 0.16	825 1075 1140	633 1341 1574	0.10 0.16 0.19	2
40152 40153	1633-5CW 1633-5CCW	16	33	3.98	825 1075 1140	1440 1920 2200	0.09 0.15 0.18	825 1075 1140	680 1410 1600	0.11 1.17 0.22	2
41821	1825-5CCW	18	25	3.50	825 1075 1140	1667 2222 2546	0.10 0.14 0.21	825 1075 1140	1385 2028 2158	0.12 0.19 0.24	2
40154 40155	1827-5CW 1827-5CCW	18	27	4.25	825 1075 1140	1800 2400 2750	0.10 0.15 0.23	825 1075 1140	1100 1800 2030	0.14 0.23 0.26	2
40156 40157	1833-5CW 1833-5CCW	18	33	5.15	825 1075 1140	2120 3150 3270	0.13 0.28 0.31	825 1075 1140	1290 2199 2331	0.17 0.34 0.37	2
41825	2025-5CCW	20	25	3.99	825 1075 1140	1885 2584 2760	0.11 0.19 0.23	825 1075 1140	1379 1897 2011	0.18 0.35 0.38	2
40158 40159	2027-5CW 2027-5CCW	20	27	4.28	825 1075 1140	2620 3520 3790	0.14 0.35 0.40	825 1075 1140	1600 3050 3300	0.18 0.38 0.46	2
40160 40161	2033-5CW 2033-5CCW	20	33	5.15	825 1075 1140	3155 4230 4503	0.19 0.14 0.48	825 1075 1140	590 1250 1450	0.09 0.14 0.16	2

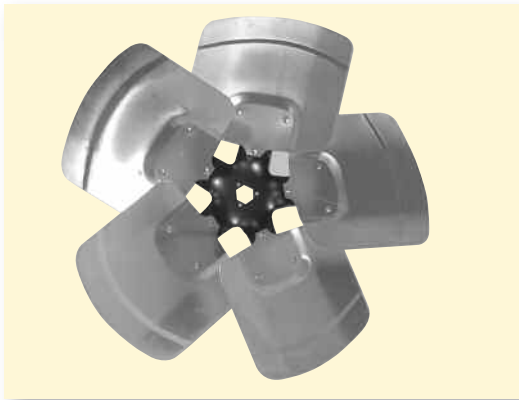
MAX RPM 16"-18" DIA. 1725 RPM 20"-24" DIA. 1140 RPM

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Air Moving Components

MARS SERIES **400**



5 Wing Adapter Heavy Duty Condenser Fan Blades (cont.)

Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10"			Static Pressure .30"			MARS PACK
					RPM	CFM	BHP	RPM	CFM	BHP	
40162 40163	2227-5CW 2227-5CCW	22	27	4.31	825 1075 1140	3410 4780 5070	0.27 0.60 0.73	825 1075 1140	2250 4200 4550	0.34 0.66 0.76	2
40164	2233-5CW	22	33	5.15	825 1075 1140	4130 5530 5780	0.34 0.74 0.90	825 1075 1140	2950 5100 5540	0.41 0.87 1.02	2
40166 40167	2427-5CW 2427-5CCW	24	27	4.31	825 1075 1140	4400 6060 6240	0.41 0.82 0.99	825 1075 1140	3500 5500 5980	0.47 0.96 1.06	2
40168	2433-5CW	24	33	5.15	825 1075 1140	5500 7470 7800	0.53 1.22 1.45	825 1075 1140	4350 6950 7500	0.62 1.26 1.52	2
40170	2627-5CW	26	27	4.31	720 825	4358 5677	0.40 0.52	720 825	3477 4489	.46 .60	2
40172	2633-5CW	26	33	5.14	720 825	5593 6536	0.39 0.57	720 825	4423 5169	.46 .66	2
41829	2829-5CCW	28	29	5.89	720 825	6784 7882	0.54 0.80	720 825	5365 6233	.63 .94	2
40176	2833-5CW	28	33	6.61	720 825	7588 8803	0.68 1.00	720 825	6001 6962	.75 1.17	2
40178 40179	3027-5CW 3027-5CCW	30	27	5.52	720 825	7519 8718	0.67 0.99	720 825	5946 6895	.74 1.16	2
41830 41831	3029-5CW 3029-5CCW	30	29	5.89	720 825	8101 9382	0.73 1.08	720 825	6412 7420	.85 1.27	2
40180	3033-5CW	30	33	6.61	720 825	9160 10595	0.94 1.40	720 825	7244 8377	1.06 1.65	2

MAX RPM 20"-24" DIA. 1140 RPM 26"-30" DIA. 850 RPM

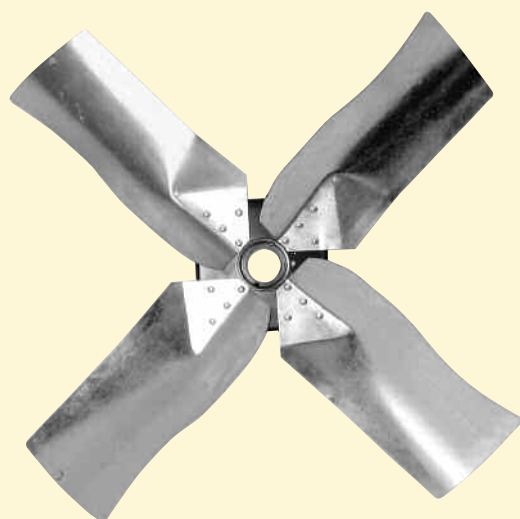


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AM-9

Air Moving Components

MARS SERIES 400



KC & KH Blades

Air MARS KC series blades are designed for use in air circulators, cooling towers, air cooled condensing units, and small cooling towers. Performance figures are based on applicable standards such as ASHRAE 51/AMCA 210. Suitability for an application is the responsibility of the customer.

See page AM-11 for KC blades with fixed 5/8" hubs. Taper lock bushings for KC and KH blades are also listed on page AM-11.

Features:

- 4 wing blades
- high quality steel
- viewing from air discharge side - CW rotation

MARS NO.	MODEL NO.	NO.OF BLADES	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10"			Static Pressure .30"			MAX RPM
						RPM	CFM	BHP	CFM	BHP		
40200	5-3363	4	24	28	2.75	850 1000 1140	4306 5223 6057	0.25 0.40 0.59	2849 4272 5274	0.28 0.45 0.64	1450	
40201	5-3362	4	24	34	3.25	850 1000 1140	5188 6286 7288	0.36 0.58 0.84	3481 3159 6406	0.38 0.61 0.90	1450	
40202	5-3298	4	26	28	2.63	850 1000 1140	5621 6794 7867	0.38 0.60 0.88	4352 5812 7025	0.42 0.65 0.94	1140	
40203	5-2225	4	26	38	3.25	850 1000 1140	7629 9220 10676	0.52 0.81 1.19	5906 7888 9534	0.57 0.88 1.27	1140	
40204	5-3660	4	28	38	3.25	850 1000 1140	9516 11195 12763	0.75 1.22 1.80	7367 8667 9881	0.81 1.35 1.92	1140	
40205	5-3300	4	30	22	2.19	850 1000 1140	6691 8070 9337	0.40 0.63 0.92	5176 7051 8446	0.43 0.69 1.00	1140	
40206	5-3299	4	30	30	2.88	850 1000 1140	8985 10809 12482	0.73 1.16 1.70	7209 9471 11354	0.79 1.25 1.81	1140	
40207	5-2189	4	30	38	3.63	850 1000 1140	10655 12812 14791	1.00 1.62 2.40	8684 11301 13498	1.01 1.65 2.43	1140	
40208	5-3301	4	36	32	3.63	720 850	13226 15892	1.26 2.04	11247 14340	1.33 2.14	850	
40209	5-3302	4	36	34	3.81	720 850	13749 16511	1.40 2.29	11764 14936	1.46 2.38	850	
40211	5-2190	4	36	38	5.18	720 850	14608 17542	1.56 2.56	13148 16694	1.63 2.66	850	

continued on next page



Air Moving Components

MARS SERIES **400**

KC & KH Blades (cont.)

MARS NO.	MODEL NO.	NO. OF BLADES	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10"			Static Pressure .30"		MAX RPM
						RPM	CFM	BHP	CFM	BHP	
40212	5-3340	4	42	30	4.69	500	13816	0.91	9352	1.00	850
						600	17126	1.56	14301	1.71	
						850	25081	4.31	23385	4.49	
40213	5-3304	4	42	38	5.75	500	16716	1.43	11123	1.48	850
						600	20609	2.42	17685	2.59	
						850	30078	6.74	28320	7.05	
40214	5-3305	4	48	28	4.38	500	20830	1.68	17768	1.86	700
						600	25505	2.85	23334	3.08	
						700	30148	4.49	28267	4.76	
40216	5-2192	4	48	38	4.25	500	26413	2.44	23059	2.76	700
						600	32170	4.14	29749	4.55	
						700	37853	6.51	35938	6.94	
40220	5-3279	4	60	38	4.00	300	16659	0.88	7311	1.19	500
						400	26210	2.02	15423	2.20	
						475	32492	3.30	24236	3.58	

KC Blades with 5/8" Hub

MARS NO.	MODEL NO.	ROTATION	BLADE DIA.	PITCH DEG.	NO. OF BLADES	MAX RPM
40396	5-3484	CW	28	34°	4	1140
40397	5-2223	CW	30	30°	4	1140



Taper Lock Bushings

For use with KC & KH blades listed on pages AM-10 & 11

MARS NO.	BORE	KEYWAYS
H Bushing for 24"- 48" Blades		
40230	1/2"	Shaft
40232	5/8"	Shaft
40231	3/4"	Shaft
40233	13/16"	Shaft
40234	7/8"	Shaft
40235	1"	Shaft
40236	1-1/4"	Shaft
40237	1-1/8"	Shaft
40238	1-3/16"	Shaft
40239	1-3/8"	Shaft

MARS NO.	BORE	KEYWAYS
P Bushing for 54"- 60" Blades		
40243	3/4"	Shaft/Hub
40240	1"	Shaft/Hub
40242	1-1/8"	Shaft/Hub
40241	1-1/4"	Shaft/Hub
40244	1-3/16"	Shaft/Hub

Air Moving Components

MARS SERIES **400**

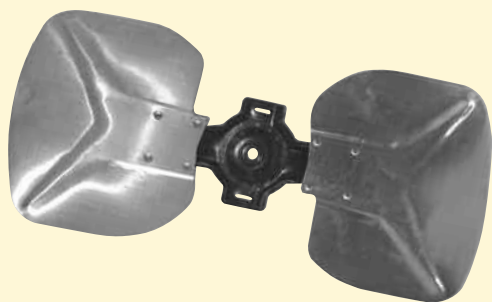


Fixed Hub Blades

Air MARS 2 and 3 wing blades are designed for lower static pressure applications. They will fit OEM's such as Carrier, Rheem Rudd, GE, Trane, Singer-climate control, York and others.

Available from 14" to 24" blade diameter with 1/2" assembled hub.

Always note original fan blade hub location (intake or discharge) and match when selecting fixed hub replacement fan blades.



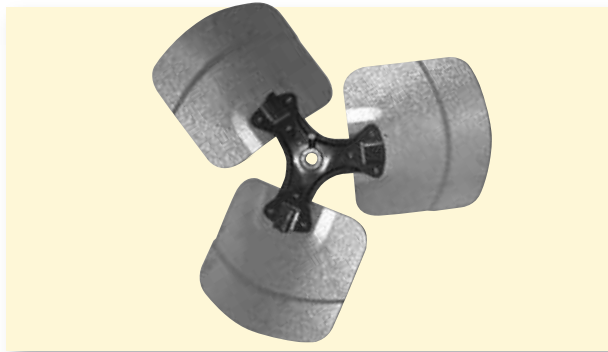
2-Wing Blades with 1/2" Hub

MARS NO.	MODEL NO.	ROTATION	BLADE DIA.	PITCH DEG.	HUB LOCATION	MARS PACK
40300 40301	6-9871-BP 6-9788	CW CCW	14	36°	Discharge Intake	2
40302	601274	CCW	18	19°	Intake	2
40305	T1802-24	CW	18	24°	Intake	2
40307 40308	6-9250 6-9205	CW CCW	18	29°	Intake	2
40309	6-9254	CCW	18	36°	Intake	2
40313	6-9252	CCW	20	25°	Intake	2
40314 40315	6-9251 6-9206	CW CCW	20	29°	Intake	2
40316	6-9253	CCW	20	34°	Intake	2
40317	601376	CCW	22	16°	Intake	2
40318	602152	CCW	22	21°	Intake	2
40319	T2202-22	CCW	22	22°	Intake	2
40320	600041	CCW	22	27°	Intake	2
40321	600455	CCW	22	29°	Intake	2
40324	6-9299	CCW	24	24°	Intake	2
40325	T2402-26	CW	24	26°	Discharge	2



Air Moving Components

MARS SERIES **400**



Fixed Hub Blades

Air MARS 2 and 3 wing blades are designed for lower static pressure applications. They will fit OEM's such as Carrier, Rheem Rudd, GE, Trane, Singer-climate control, York and others.

Available from 14" to 26" blade diameter with 1/2" assembled hub.

Always note original fan blade hub location (intake or discharge) and match when selecting fixed hub replacement fan blades.

3-Wing Blades with 1/2" Hub

MARS NO.	MODEL NO.	ROTATION	BLADE DIA.	PITCH DEG.	HUB LOCATION	MARS PACK
40328	6-9255	CW	14	32°	Discharge	2
40329	602047	CCW	14	33°	Intake	2
40331	T1403-28	CW	16	28°	Intake	2
40332	T1403-30	CW	16	30°	Intake	2
40333	6-9257	CW	16	33°	Discharge	2
40334	600893	CCW	16	33°	Intake	2
40336	601275	CCW	18	22°	Intake	2
40338	T1803-26	CW	18	26°	Discharge	2
40339	T1803-27	CCW	18	26°	Intake	2
40340	601276	CW	18	27°	Discharge	2
40343	6-9259	CW	18	33°	Discharge	2
40347	6-0316	CW	20	23°	Discharge	2
40348	601278	CCW	20	25°	Intake	2
40349	601279	CW	20	31°	Discharge	2
40350	T2203-20	CW	22	20°	Intake	2
40353	600240	CW	22	24°	Intake	2
40352	UT Series	CW	22	24°	Discharge	2
40355	T2203-28	CW	22	28°	Intake	2
40356	600896	CW	22	33°	Intake	2
40357	600916	CCW	22	33°	Intake	2
40358	602048	CW	24	22°	Intake	2
40323	601280	CCW	24	22°	Intake	2
40359	601383	CW	24	30°	Intake	2
40360	602297	CW	24	33°	Intake	2
40362	601291	CW	26	26°	Discharge	2
40363	T2603-27	CW	26	27°	Intake	2
40364	601282	CW	26	37°	Intake	2

5/8" Hub

MARS NO.	MODEL NO.	ROTATION	BLADE DIA.	PITCH DEG.	HUB LOCATION	MARS PACK
40365	KA3018	CW	30	18	Discharge	2

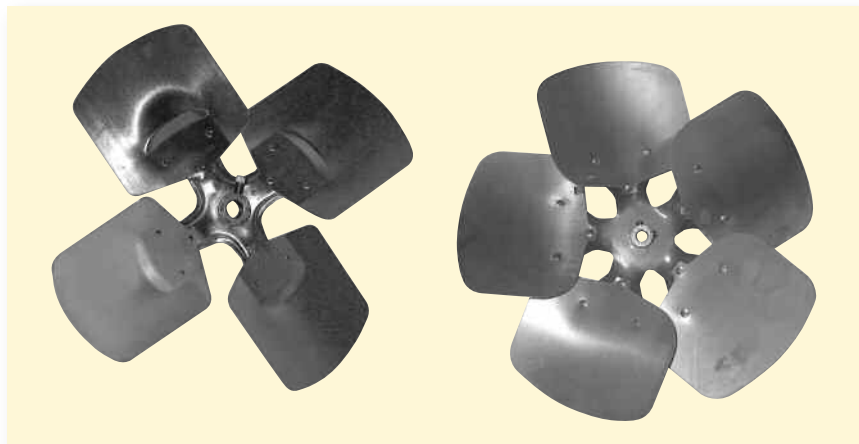


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AM-13

Air Moving Components

MARS SERIES **400**



Fixed Hub Blades

Air MARS fixed hub heavy duty condenser fan blades have been designed to serve as drop-in replacements for many OEM applications.

Hub location is on the intake side unless otherwise noted.

Always note original fan blade hub location (intake or discharge) and match when selecting fixed hub replacement fan blades.

4-Wing Blades with Hub

MARS NO.	MODEL NO.	ROTATION	BLADE DIA.	PITCH DEG.	BORE & LOCATION	MARS PACK
40369	6-9256	CW	14	33°	1/2"	2
40372	6-9258	CW	16	33°	1/2" Discharge	2
40375	601375	CW	18	30°	1/2"	2
40376	6-9260	CW	18	33°	1/2" Discharge	2
40377	T2004	CW	20	20°	1/2" Discharge	2
40378	6-9992	CW	20	33°	1/2"	2
40379	602689	CW	20	36°	1/2"	2
40380	6-8745	CW	22	24°	1/2" Discharge	2
40381	T2204-26	CW	22	26°	1/2"	2
40382	600895	CCW	22	33°	1/2"	2
40383	T2404-20	CW	24	20°	1/2" Discharge	2
40384	T2404	CW	24	22°	1/2"	2
40387	600794	CCW	24	27°	1/2"	2
40389	601748	CW	26	30°	5/8" Discharge	2
40391	601293	CW	28	29°	1/2" Discharge	2
40392	601296	CW	30	22°	5/8"	2
40393	6-8154	CW	30	27°	5/8" Discharge	2
40394	601704	CW	30	40°	5/8"	2

12-18" DIA. MAX. RPM 1725 20-28" DIA. MAX. RPM 1140 30" DIA. MAX. RPM 850

5-Wing Blades with Hub

MARS NO.	MODEL NO.	ROTATION	BLADE DIA.	PITCH DEG.	BORE & LOCATION	MARS PACK
40402	600176	CW	16	33°	1/2" Discharge	2
40403	600177	CCW				
40404	600178	CW	18	33°	1/2" Discharge	2
40405	F1805-33	CCW				
40406	601292	CW	26	29°	5/8" Discharge	2

16-18" DIA. MAX. RPM 1725 26" DIA. MAX. RPM 1140



Air Moving Components

MARS SERIES **400**

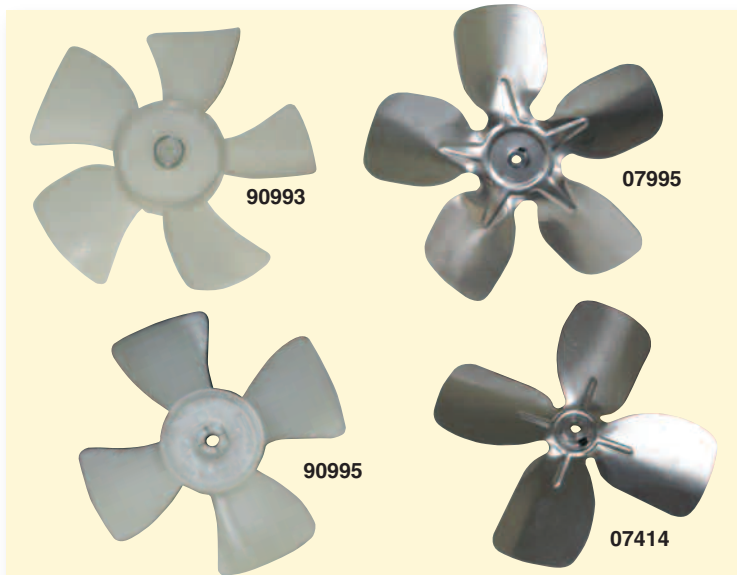
Single Piece Aluminum and Plastic Fan Blades

Air MARS plastic fan blades are used in many applications that require quiet, efficient air flow within limited space.

Air MARS one piece aluminum fan blades feature a patented hubbing method. Air MARS fan blades are designed for low noise and energy efficient operation.

Applications:

- Walk-in coolers and freezers
- Icemakers
- Refrigerators
- Condensers
- Vending Machines



Plastic Fan Blades

MARS NO.	WINGS	DIA.	ROT.	BORE	APPROX. CFM 3000 RPM	ACME	PACKARD
90995	4	3.50	CW	3/16"	65	2303	—
90996	4	3.50	CCW	3/16"	65	2313	A61302
90992	5	4.00	CW	1/8"	110	2402	A61401
90993	5	4.00	CCW	1/8"	110	2412	A61403
90991	5	4.00	CCW	3/16"	110	2413	A61404
90987	4	6.00	CW	3/16"	216	2603	—

4 Wing Single Piece Aluminum Fan Blades

MARS NO.	WINGS	DIA.	DEG. PITCH	ROT.	BORE	HUB	APPROX. CFM 3000 RPM	LAU NO.	ACME	FASCO	PACKARD
07411	4	6.00	19	CW	3/16"	I	85				A61469
07414	4	6.00	19	CW	1/4"	I	85				A61470
07421	4	6.50	19	CW	3/16"	I	110				A61471

5 Wing Single Piece Aluminum Fan Blades Hub on Discharge

MARS NO.	WINGS	DIA.	DEG. PITCH	ROT.	BORE	HUB	APPROX. CFM 1550 RPM	LAU NO.	ACME	FASCO	PACKARD
07081	5	8.00	24	CW	1/4"	D	300			5FR824-1	
07991	5	9.00	26	CW	5/16"	D	345				
07992	5	9.00	26	CCW	5/16"	D	345	60-8363-01			
07093	5	10.00	20	CW	1/4"	D	450				
07993	5	10.00	20	CW	5/16"	D	450				
07997	5	10.00	28	CW	5/16"	D	600				
07995	5	10.00	31	CW	5/16"	D	650				
07996	5	10.00	31	CCW	5/16"	D	650	60-8367-01			
07998	5	10.00	40	CW	5/16"	D	850				
07921	5	12.00	23	CW	5/16"	D	970				
07922	5	12.00	23	CCW	5/16"	D	970				



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AM-15

Air Moving Components

MARS SERIES **400**



Single Piece Aluminum Fan Blades

Air MARS one piece aluminum fan blades feature a patented hubbing method. Air MARS fan blades are designed for low noise and energy efficient operation.

Applications:

- Walk-in coolers and freezers
- Icemakers
- Refrigerators
- Condensers
- Vending Machines

5 Wing Hub on Intake

MARS NO.	WINGS	DIA.	DEG. PITCH	ROT.	BORE	HUB	APPROX. CFM 1550 RPM	LAU NO.	ACME	FASCO	TORIN AIRDEX	PACKARD
07451	5	5.50	27	CW	1/4"	I	85		35504			A65504
07452	5	5.50	27	CCW	1/4"	I	85		35514			A65515
07551	5	5.50	27	CW	5/16"	I	85					
07552	5	5.50	27	CCW	5/16"	I	85					
07631	5	6.00	27	CW	1/4"	I	106		30604			A60604
07632	5	6.00	27	CCW	1/4"	I	106		30614			A60614
07635	5	6.50	27	CW	1/4"	I	118		36504			A66504
07636	5	6.50	27	CCW	1/4"	I	118		36514			A66514
07462	5	7.00	21	CW	1/4"	I	190					
07471	5	7.00	27	CW	1/4"	I	200	60-8348-01	30704	5FR727-1		A60704
07472	5	7.00	27	CCW	1/4"	I	200	60-8349-01	30714	5FL727-1		A60714
07571	5	7.00	27	CW	5/16"	I	200	60-8350-01	30705	5FR727-2		
07572	5	7.00	27	CCW	5/16"	I	200	60-8351-01	30715	5FL727-2		
07481	5	8.00	24	CW	1/4"	I	300	60-8352-01		5FR824-1	1010352 CW	
07482	5	8.00	24	CCW	1/4"	I	300	60-8353-01		5FL824-1	1010632 CCW	
07581	5	8.00	24	CW	5/16"	I	300	60-8352-01		5FR824-2	1010642 CW	
07582	5	8.00	24	CCW	5/16"	I	300	60-8353-01		5FL824-2	1010652 CCW	
07483	5	8.00	32	CW	1/4"	I	330					
07484	5	8.00	32	CCW	1/4"	I	330					
07583	5	8.00	32	CW	5/16"	I	330			5FR832-2		
07584	5	8.00	32	CCW	5/16"	I	330			5FL832-2		

continued on next page



Air Moving Components

MARS SERIES **400**

Single Piece Aluminum Fan Blades

Air MARS one piece aluminum fan blades feature a patented hubbing method. Air MARS fan blades are designed for low noise and energy efficient operation.

Applications:

- Walk-in coolers and freezers
- Icemakers
- Refrigerators
- Condensers
- Vending Machines

5 Wing Hub on Intake

MARS NO.	WINGS	DIA.	DEG. PITCH	ROT.	BORE	HUB	APPROX. CFM 1550 RPM	LAU NO.	ACME	FASCO	TORIN AIRDEX	PACKARD
07491	5	9.00	26	CW	1/4"	I	345			5FR926-1		
07492	5	9.00	26	CCW	1/4"	I	345			5FL926-1		
07591	5	9.00	26	CW	5/16"	I	345	60-8362-01		5FR926-2		
07592	5	9.00	26	CCW	5/16"	I	345	60-8363-01		5FL926-2		
07493	5	10.00	20	CW	1/4"	I	450			5FR1020-1		
07494	5	10.00	20	CCW	1/4"	I	450			5FL1020-1		
07593	5	10.00	20	CW	5/16"	I	450	60-8368-01		5FR1020-2		
07594	5	10.00	20	CCW	5/16"	I	450	60-8369-01		5FL1020-2		
07597	5	10.00	28	CW	5/16"	I	600					
07595	5	10.00	31	CW	5/16"	I	650	60-8370-01		5FR1031-2	1010362 CW	
07596	5	10.00	31	CCW	5/16"	I	650	60-8371-01		5FL1031-2	1010692 CCW	
07521	5	12.00	23	CW	5/16"	I	920					
07641	5	12.00	25	CW	5/16"	I	990		31205		1010022 CW	A61205
07642	5	12.00	25	CCW	5/16"	I	990		31215			A61215

Air Moving Components

MARS SERIES **400**



Single Piece Aluminum Fan Blades

Air MARS one piece aluminum fan blades for unit bearing motors are designed for low noise and energy efficient operation.

Applications:

Evaporator Coils

Refrigerators

Vending Machines

3, 4 & 5 Wing Unit Bearing Mount

MARS NO.	WINGS	DIA.	DEG. PITCH	ROT.	BORE	HUB	APPROX. CFM 1550 RPM	LAU NO.	ACME	FASCO	TORIN AIRDEX	PACKARD
07005	3	7.75	30	CW	UB	NONE	300	60-8382-01				
07006	3	8.75	23	CW	UB	NONE	375	60-8397-01				
07007	3	8.75	32	CW	UB	NONE	420	60-8383-01				
S-07002	4	7.75		REV	UB	NONE	210			S-7002		
S-07003	4	8.75		REV	UB	NONE	332			S-7003		
S-07004	4	10.00		REV	UB	NONE	414			S-7004		
95131	5	5.50	31	CW	UB	NONE	100					
95621	5	6.00	21	CW	UB	NONE	118		3606			A61101
95622	5	6.00	21	CCW	UB	NONE	118		3616			A61102
95628	5	6.00	28	CW	UB	NONE	134					
95629	5	6.00	28	CCW	UB	NONE	134					
07610	5	6.00	31	CW	UB	NONE	160		3606-31		1010402 CW	A63607
07611	5	6.00	31	CCW	UB	NONE	160		3616-31		1010462 CCW	A63617
95641	5	6.00	40	CW	UB	NONE	300					
95711	5	7.00	15	CW	UB	NONE	130					
95721	5	7.00	21	CW	UB	NONE	150	60-8372-01	3706	5FR721		
95722	5	7.00	21	CCW	UB	NONE	150		3716			
95723	5	7.00	25	CW	UB	NONE	170					
95731	5	7.00	31	CW	UB	NONE	199	60-8373-01	3706-31		1010412 CW	
95732	5	7.00	31	CCW	UB	NONE	199		3716-31		1010472 CCW	
95741	5	7.00	40	CW	UB	NONE	300					
95742	5	7.00	40	CCW	UB	NONE	300					
95735	5	7.75	23	CW	UB	NONE	250					
95737	5	7.75	31	CW	UB	NONE	278					
95821	5	8.00	20	CW	UB	NONE	210					
95822	5	8.00	20	CCW	UB	NONE	210					
95823	5	8.00	25	CW	UB	NONE	280	60-8376-01	3806			A63816

continued on next page



Air Moving Components

MARS SERIES **400**

Single Piece Aluminum Fan Blades

Air MARS one piece aluminum fan blades for unit bearing motors are designed for low noise and energy efficient operation.

Applications:

- Evaporator Coils
- Refrigerators
- Vending Machines



5 Wing Unit Bearing Mount

MARS NO.	WINGS	DIA.	DEG. PITCH	ROT.	BORE	HUB	APPROX. CFM 1550 RPM	LAU NO.	ACME	TORIN AIRDEX	PACKARD
95831	5	8.00	31	CW	UB	NONE	300	60-8377-01	3806-31	1010432 CW	
95832	5	8.00	31	CCW	UB	NONE	300		3816-31	1010492 CCW	
95841	5	8.00	40	CW	UB	NONE	400				
95842	5	8.00	40	CCW	UB	NONE	400				
95865	5	8.00	50	CW	UB	NONE	500				
95866	5	8.00	50	CCW	UB	NONE	500				
95875	5	8.75	25	CW	UB	NONE	300				
95923	5	9.00	25	CW	UB	NONE	335				
07721	5	9.00	27	CW	UB	NONE	345		3906		A63906
07722	5	9.00	27	CCW	UB	NONE	345		3916		A63916
95931	5	9.00	31	CW	UB	NONE	370	60-8379-01	3906-31	1010452 CW	
95932	5	9.00	31	CCW	UB	NONE	370		3916-31	1010512 CCW	
95941	5	9.00	40	CW	UB	NONE	425				
95021	5	10.00	20	CW	UB	NONE	450				
95022	5	10.00	20	CCW	UB	NONE	450				
95027	5	10.00	28	CW	UB	NONE	425		3106		A63126
95028	5	10.00	27	CCW	UB	NONE	425		3116		A63116
95031	5	10.00	31	CW	UB	NONE	650	60-8381-01	3106-31	1010442 CW	A61108
95032	5	10.00	31	CCW	UB	NONE	650		3116-31	1010502 CCW	A63117
95041	5	10.00	40	CW	UB	NONE	880				

Air Moving Components

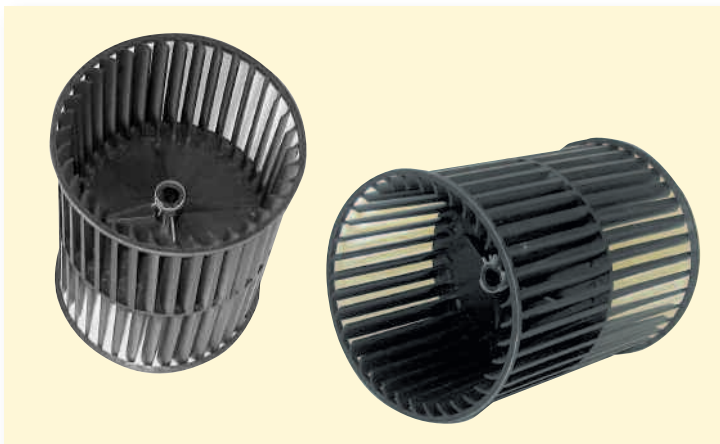
MARS SERIES 400



Small Wheels

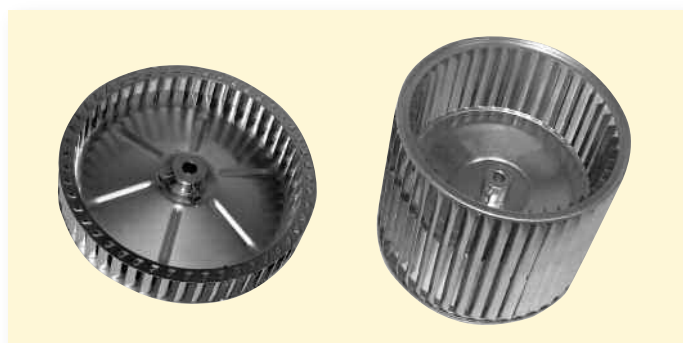
Double Inlet

Air MARS plastic precision blower wheels are molded for reliable, efficient performance.



Plastic Wheels - Double Inlet

MARS NO.	MODEL NO.	WHEEL DIA.	WIDTH	BORE	MATERIAL
41500	2169-A	5.75	7.8	1/2	Poly-Pro CC



OEM Blower Wheels Single Inlet Blower Wheels

Special orders are available. Check with MARS customer service for minimum quantities on non-stock items.

Please review special order information request on page AM-45.

MARS NO.	MODEL NO.	ROTATION	WHEEL DIA.	WHEEL WIDTH	BORE	MAX RPM
41204	1-6444	CCW	7.12	1.87	1/2	4000
41205	1-6521	CCW	8.00	2.37	1/2	3200
41212	108389	CCW	8.50	2.00	5/8	3350
41208	107139	CCW	9.12	1.75	5/8	3500
41201	1-3265	CCW	9.87	2.00	5/8	3000
41202	1-3266	CCW	9.87	2.00	5/8	3000
41209	107140	CCW	9.87	2.50	5/8	2550
41213	101891	CCW	9.87	1.50	5/8	3475
41241	BC987-150S	CCW	9.87	1.50	5/8	3000
41242	BC987-212S	CCW	9.87	2.12	1/2	3000
41207	104950	CCW	10.75	1.75	5/8	3000
41221	106107	CW	10.75	2.00	5/8	1750



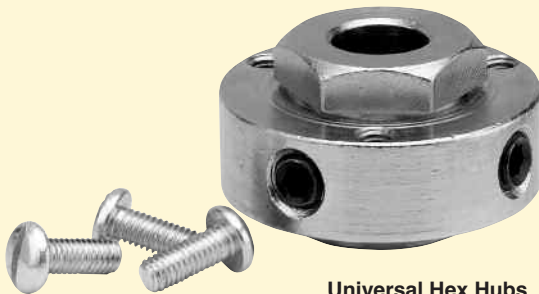
Air Moving Components

MARS SERIES **400**

Air MARS Accessories

Universal Hex Hubs

MARS Universal Hex Hubs are designed to provide a firm mechanical fit with hex or round bore adapter fan blades. These hubs are machined steel, designed with tri-point mount for secure spider/hub connections. MARS Universal Hex Hubs include 2 set screws, for shaft fastening, offset at 90 degrees.



Universal Hex Hubs

MARS NO.	BORE	PER PACK
40002	1/4"	1
40003	5/16"	1
40004	3/8"	1
40005	1/2"	1
40006	5/8"	1
40007	3/4"	1

Air MARS Tools

MARS NO.	DESCRIPTION
40851	Fan Blade Pitch Gauge

Follow these steps to measure propeller rotation and pitch:

- Step 1: Position the faceplate of the gauge on the blade of the fan.
- Step 2: Place the foot of the wire body of the Pitch Gauge on the center section (spider) of the fan.
- Step 3: The pointer gives a direct reading of the pitch in degrees, and the clockwise/counter-clockwise markings indicate the rotation.



Air Moving Components

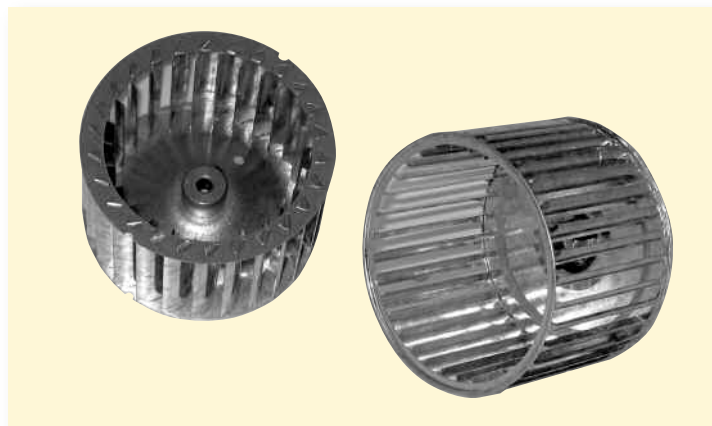
MARS SERIES 400



Small Wheels

Single Inlet

Air MARS Single Inlet wheels are used in a variety of commercial and residential applications, for room air conditioners, power burners, draft inducers, other heating and appliance devices. Rotation is determined viewing the closed end of the wheel.



MARS NO.	MODEL NO.	ROTATION	WHEEL DIA.	WHEEL WIDTH	HUB
40563	107039	CCW	4	2-1/2	1/4
40564	1-6696	CCW	4	1-1/2	5/16
40565	2-2443	CCW	4-1/2	2-7/8	1/4

MARS NO.	MODEL NO.	ROTATION	WHEEL DIA.	WHEEL WIDTH	HUB	RPM	.1" S.P. CFM	S.P. BHP	.3" S.P. CFM	S.P. BHP
40608	2-0047	CCW	5.25	2.50	5/16	1725	255	0.053	223	0.045
40609	2-0253	CW	5.25	2.50	5/16	1725	255	0.053	223	0.045
40610	2-0053	CW	5.25	3.00	5/16	1725	297	0.075	264	0.064
40612	2-0609	CCW	5.75	2.94	5/16	1725	381	0.122	341	0.108
40613	2-1350	CW	5.75	3.50	1/2	1000	219	0.023	-	-
40614	2-0099	CCW	5.75	3.50	1/2	1725	427	0.139	378	0.121
40615	2-0353	CW	5.75	4.00	1/2	1000	250	0.025	-	-
						1725	481	0.150	431	0.131

4" - 5.25" DIA. MAX. RPM 3600 RPM 5.25" DIA. MAX. RPM 2800 RPM Note: MARS No. 40612 only RPM 3000

MARS NO.	MODEL NO.	ROTATION	WHEEL DIA.	WHEEL WIDTH	HUB	RPM	.1" S.P. CFM	S.P. BHP	.3" S.P. CFM	S.P. BHP
40618	1-7890	CCW	6.31	2.00	1/2	3450	831	1.294	818	1.274
40619	1-3414	CW	6.31	2.50	1/2	1000	268	0.035	179	0.022
40620	106837	CCW	6.31	2.50	1/2	3450	1013	1.669	996	1.633
40623	107694	CW	6.31	3.00	1/2	1000	326	0.042	218	0.026
40624	1-6085	CCW	6.31	3.00	1/2	1725	600	0.236	560	0.215
40625	1-1548	CW	6.31	3.25	1/2	1000	260	0.028	118	0.012
40626	1-4873	CCW	6.31	3.25	1/2	1000	260	0.028	118	0.012
40630	107035	CW	6.31	4.00	1/2	1000	437	0.056	307	0.036
40631	107036	CCW	6.31	4.00	1/2	1725	804	0.320	753	0.289
40635	1-4880	CCW	7.47	3.50	1/2	1725	1031	0.780	976	0.645
40637	1-1348	CW	8.50	4.00	1/2	1000	902	0.266	825	0.229
40638	1-1992	CCW	8.50	4.00	1/2	1550	1428	1.023	1387	0.977
40641	1-5266	CW	9.125	4.25	1/2	1000	1005	0.122	896	0.108
40642	1-8189	CW	9.875	2.00	5/8	1000	632	0.209	588	0.191
40643	1-2074	CCW	9.875	6.00	1/2	1000	1600	0.521	1465	0.456



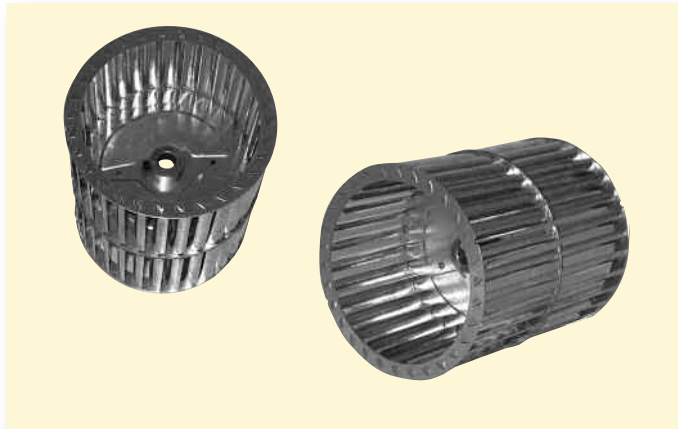
Air Moving Components

MARS SERIES **400**

Small Wheels

Double Inlet

Air MARS Double inlet wheels are used in many popular air handlers. The wheels below are made of galvanized steel unless indicated otherwise. Rotation is determined viewing the hub extension.



MARS NO.	MODEL NO.	ROTATION	WHEEL DIA.	WHEEL WIDTH	HUB	RPM	.1" S.P. CFM	.1" S.P. BHP	.3" S.P. CFM	.3" S.P. BHP
41100	2-1648	CW	4.75	5.13	1/2	1000 3450	189 866	0.008 0.492	- 835	- 0.467
41102	2-0414	CW	4.75	7.00	1/2	1725	555	0.115	455	0.092
41103	2-0415 Alum.	CCW				1725	555	0.115	455	0.092
41104	2-0513	CW	5.25	5.88	1/2	1000 3450	307 1231	0.025 1.265	- 1412	- 1.483
41105	2-2401	CW	5.25	6.88	1/2	1000	359	0.029	-	-
41134	2-2386 Alum.	CW				3450	1450	1.563	1412	1.483
41107	2-0223	CW	5.25	7.00	1/2	1725	710	0.090	620	0.075
41108	2-0891	CCW				1725	710	0.090	620	0.075
41109	107622	CW	5.50	6.50	1/2	1000	396	0.042	-	-
41110	107623	CCW				1725	765	0.254	684	0.217
41111	2-2402	CW	5.75	5.16	1/2	1000 1725	396 725	0.035 0.217	- 682	- 0.205
41112	2-0464	CW	5.75	5.88	1/2	1000 1725	396 765	0.042 0.254	- 681	- 0.217
41113	2-2406	CW	5.75	6.88	1/2	1000 1725	439 854	0.047 0.278	- 755	- 0.241
41114	2-0600	CW	5.75	7.625	1/2	1000	439	0.047	-	-
41115	2-0678	CCW				1725	854	0.278	755	0.241
41116	2-2408	CW	5.75	8.00	1/2	1000	500	0.065	-	-
41117	2-0304	CCW				1725	976	0.390	863	0.35
41118	106729	CW	5.75	8.50	1/2	1000	710	0.078	-	-
41121	103307 Alum.	CW	5.75	7.875	1/2	1000	455	0.047	105	0.011
41123	2-2405	CW	6.22	7.00	1/2	1000	626	0.040	406	0.120
41124	2-0089	CCW	6.22	7.625	1/2	1725	274	0.063	212	0.047
41125	2-2407	CW	6.22	8.00	1/2	1000	705	0.042	500	1.250
41126	1-0439	CW	6.25	7.00	1/2	1000	625	0.077	415	0.046
41127	1-0438	CCW				1000	625	0.077	415	0.046
41129	102119	CCW	6.31-25	6.25	1/2	1000	640	0.084	465	0.056
41130	106730	CW	6.31-25	7.625	1/2	1000	733	0.112	537	0.074
41131	2-2279	CW	6.50	7.87	1/2	1000	757	0.120	550	0.077
41132	802653	CW	7.50	9.00	1/2	1000	830	0.125	603	0.087

Air Moving Components

MARS SERIES **400**



Direct Drive Furnace Blower Wheels

44 separate quality checks ensure the production process for Air MARS belt drive blower wheels. Rigorous quality standards, high quality raw material and experienced manufacturing all work together to make Air MARS blower wheels your best choice.

Air MARS Direct Drive Blower Wheels are designed to work as "drop in" replacements for all major HVAC OEM equipment.

MARS NO.	DESCRIPTION	ROT.	CENTER DISC	DIA.	WIDTH	BORE	LAU#	RPM	.1" S.P. CFM	.1" S.P. BHP	.3" S.P. CFM	.3" S.P. BHP
41303	9-6 DD Blower Wheel	CW	Convex	9.50	6.06	0.50	013335-01	1000	1395	.40	1240	.36
41302	9-6 DD Blower Wheel	CCW	Convex	9.50	6.06	0.50		1250	1744	.77	1650	.74
41301	9-6 DD Blower Wheel	CW	Concave	9.50	6.06	0.50		1000	1395	.40	1240	.36
41300	9-6 DD Blower Wheel	CCW	Concave	9.50	6.06	0.50		1250	1744	.77	1650	.74
41307	9-7 DD Blower Wheel	CW	Convex	9.50	7.12	0.50	013336-02	1000	1600	.50	1400	.42
41306	9-7 DD Blower Wheel	CCW	Convex	9.50	7.12	0.50	013336-03	1250	1950	1.01	1850	.89
41305	9-7 DD Blower Wheel	CW	Concave	9.50	7.12	0.50		1000	1600	.50	1400	.42
41304	9-7 DD Blower Wheel	CCW	Concave	9.50	7.12	0.50		1250	1950	1.01	1850	.89
41311	9-8 DD Blower Wheel	CW	Convex	9.50	8.06	0.50	013337-01	1000	1720	.50	1460	.42
41310	9-8 DD Blower Wheel	CCW	Convex	9.50	8.06	0.50	013337-03	1200	2000	.86	1850	.79
41309	9-8 DD Blower Wheel	CW	Concave	9.50	8.06	0.50		1000	1720	.50	1460	.42
41308	9-8 DD Blower Wheel	CCW	Concave	9.50	8.06	0.50		1200	2000	.86	1850	.79
41365	9-9 DD Blower Wheel	CW	Convex	9.50	9.50	0.50	013332-01	1000	1750	.51	1550	.43
41312	9-9 DD Blower Wheel	CW	Concave	9.50	9.50	0.50		1200	2150	.93	2000	.83
41361	9-9 DD Blower Wheel	CCW	Concave	9.50	9.50	0.50	013332-03					
41314	10-4 DD Blower Wheel	CW	Convex	10.62	4.50	0.50	013327-01	1000	1130	.36	1050	.33
41313	10-4 DD Blower Wheel	CW	Concave	10.62	4.50	0.50		1200	1395	.63	1300	.57
41316	10-6 DD Blower Wheel	CW	Concave	10.62	6.06	0.50		1000	1680	.36	1550	.31
41318	10-6 DD Blower Wheel	CW	Convex	10.62	6.06	0.50	013326-01	1200	2010	.62	1910	.59
41321	10-6 DD Blower Wheel	CW	Convex	10.62	6.06	0.62	013326-14	1000	1680	.36	1550	.31
41317	10-6 DD Blower Wheel	CCW	Convex	10.62	6.06	0.50	013326-02	1200	2010	.62	1910	.59
41320	10-6 DD Blower Wheel	CW	Concave	10.62	6.06	0.62		1000	1680	.36	1550	.31
41315	10-6 DD Blower Wheel	CCW	Concave	10.62	6.06	0.50		1200	2010	.62	1910	.59
41319	10-6 DD Blower Wheel	CCW	Concave	10.62	6.06	0.62						
41323	10-7 DD Blower Wheel	CW	Convex	10.62	7.12	0.50	013325-01	1000	2150	.85	1990	.71
41362	10-7 DD Blower Wheel	CCW	Convex	10.62	7.12	0.50	027102-04	1200	2600	1.57	2490	1.36
41322	10-7 DD Blower Wheel	CW	Concave	10.62	7.12	0.50						
41327	10-8 DD Blower Wheel	CW	Convex	10.62	8.06	0.50	013324-01	1000	2300	.83	2100	.71
41326	10-8 DD Blower Wheel	CCW	Convex	10.62	8.06	0.50	013324-02	1200	2800	1.49	2620	1.34
41325	10-8 DD Blower Wheel	CW	Concave	10.62	8.06	0.50		1000	2300	.83	2100	.71
41324	10-8 DD Blower Wheel	CCW	Concave	10.62	8.06	0.50		1200	2800	1.49	2620	1.34



Air Moving Components

MARS SERIES **400**



Direct Drive Furnace Blower Wheels

44 separate quality checks ensure the production process for Air MARS belt drive blower wheels. Rigorous quality standards, high quality raw material and experienced manufacturing all work together to make Air MARS blower wheels your best choice.

Air MARS Direct Drive Blower Wheels are designed to work as "drop in" replacements for all major HVAC OEM equipment.

MARS NO.	DESCRIPTION	ROT.	CENTER DISC	DIA.	WIDTH	BORE	LAU#	RPM	.1" S.P. CFM	.1" S.P. BHP	.3" S.P. CFM	.3" S.P. BHP
41331	10-9 DD Blower Wheel	CW	Convex	10.62	9.50	0.50	013323-01	1000	2520	.90	2350	.81
41330	10-9 DD Blower Wheel	CCW	Convex	10.62	9.50	0.50		1150	2900	1.44	2780	1.29
41329	10-9 DD Blower Wheel	CW	Concave	10.62	9.50	0.50	013317-01	1000	2520	.90	2350	.81
41328	10-9 DD Blower Wheel	CCW	Concave	10.62	9.50	0.50	013317-04	1150	2900	1.44	2780	1.29
41335	10-10 DD Blower Wheel	CW	Convex	10.62	10.68	0.50	013322-03	1000	2700	1.07	2520	.95
41334	10-10 DD Blower Wheel	CCW	Convex	10.62	10.68	0.50		1150	3100	1.64	2990	1.51
41337	10-10 DD Blower Wheel	CW	Convex	10.62	10.68	0.62		1000	2700	1.07	2520	.95
41333	10-10 DD Blower Wheel	CW	Concave	10.62	10.68	0.50	013316-02	1150	3100	1.64	2990	1.51
41336	10-10 DD Blower Wheel	CW	Concave	10.62	10.68	0.62		1000	2700	1.07	2520	.95
41332	10-10 DD Blower Wheel	CCW	Concave	10.62	10.68	0.50	013316-06	1150	3100	1.64	2990	1.51
41337	11-6 DD Blower Wheel	CW	Concave	11.93	6.06	0.50		1000	1720	.64	1650	.62
41339	11-6 DD Blower Wheel	CW	Convex	11.93	6.06	0.50	026940-03	1150	2000	.99	1920	.96
41341	11-7 DD Blower Wheel	CW	Convex	11.93	7.12	0.50	026940-05	1000	2350	1.01	2250	.93
41340	11-7 DD Blower Wheel	CW	Concave	11.93	7.12	0.50		1150	2720	1.51	2610	1.40
41344	11-8 DD Blower Wheel	CCW	Convex	11.93	8.06	0.50	026940-08	1000	2680	1.19	2500	1.05
41343	11-8 DD Blower Wheel	CW	Concave	11.93	8.06	0.50	026941-07	1150	3100	1.78	3000	1.64
41342	11-8 DD Blower Wheel	CCW	Concave	11.93	8.06	0.50		1000	2680	1.19	2500	1.05
41345	11-8 DD Blower Wheel	CW	Convex	11.93	8.06	0.50	026940-07	1150	3100	1.78	3000	1.64
41349	11-9 DD Blower Wheel	CW	Convex	11.93	9.50	0.50	026940-09	1000	2880	1.25	2660	1.08
41348	11-9 DD Blower Wheel	CCW	Convex	11.93	9.50	0.50	026940-10	1150	3300	1.92	3280	1.78
41347	11-9 DD lower Wheel	CW	Concave	11.93	9.50	0.50		1000	2880	1.25	2660	1.08
41346	11-9 DD Blower Wheel	CCW	Concave	11.93	9.50	0.50		1150	3300	1.92	3280	1.78
41352	11-10 DD Blower Wheel	CW	Convex	11.93	10.68	0.50		1000	3100	1.31	2910	1.21
41351	11-10 DD Blower Wheel	CW	Concave	11.93	10.68	0.50	026941-11	1150	3600	2.05	3450	1.92
41350	11-10 DD Blower Wheel	CCW	Concave	11.93	10.68	0.50	026941-12					
41370	11-11 DD Blower Wheel	CCW	Concave	11.93	11.93	0.50		1000	3300	1.45	3090	1.29
41364	12-9 DD Blower Wheel	CW	Convex	12.87	9.50	0.50	013693-25	1000	3800	1.96	3620	1.79
41354	12-9 DD Blower Wheel	CW	Convex	12.87	9.50	0.62	013693-15	1150	4400	2.94	4300	2.78
41353	12-9 DD Blower Wheel	CW	Concave	12.87	9.50	0.62						
41355	12-12 DD Blower Wheel	CW	Concave	12.87	12.62	0.50	015565-07	1000	4700	2.56	4500	2.38
41356	12-12 DD Blower Wheel	CW	Concave	12.87	12.62	0.62	015565-04	1150	5500	3.83	5250	3.70



The largest selection of motors, components and accessories for the HVAC/R Industry

AM-25

AIR MARS

Air Moving Components

MARS SERIES 400



Belt Drive Blower Wheels

Air MARS belt drive blower wheels with forward curved blades are constructed out of galvanized steel with offset tab-locked blades for superior strength. The unique design allows higher operating speeds and lower noise levels on blower wheels from 9" to 40". All wheels are balanced both statically and dynamically to a factor of Q=6.3. These wheels are available in both single and dual blower assemblies with galvanized steel housings.

44 separate quality checks ensure the production process for Air MARS belt drive blower wheels. Rigorous quality standards, high quality raw material and experienced manufacturing all work together to make Air MARS blower wheels your best choice.

MARS NO.	DESCRIPTION	WHEEL DIA.	WHEEL WIDTH	BORE	NOMINAL DIA. X W.	LAU #	MAX. RPM
41502	9-9 BD 0.75 WHL	9.50	9.50	0.75	9-9	008519-12	2400
41507	10-8 BD 0.75 WHL	10.62	8.06	0.75	10-8	008361-12	2400
41508	10-9 BD 0.75 WHL	10.62	9.50	0.75	10-9	008362-12	2100
41510	10-10 BD 0.62 WHL	10.62	10.68	0.62	10-10	008360-10	1800
41509	10-10 BD 0.75 WHL	10.62	10.68	0.75	10-10	008360-12	1800
41511	10-10 BD 1.00 WHL	10.62	10.68	1.00	10-10	008360-16	1800
41514	12-9 BD 1.00 WHL	12.87	9.50	1.00	12-9	008507-16	2500
41517	12-11 BD 1.00 WHL	12.87	11.12	1.00	12-11	009867-16	2000
41520	12-12 BD 1.00 WHL	12.87	12.87	1.00	12-12	008403-16	1800
41525	12-15 BD 1.00 WHL	12.87	15.00	1.00	12-15	008747-16	1100
41533	15-15 BD 1.00 WHL	15.12	15.00	1.00	15-15	008276-16	1600

Special Dimension Belt Drive Blower Wheels

MARS NO.	WHEEL DIA.	WHEEL WIDTH	BORE	MAX RPM	MAX BHP	NO. OF BLADES
41575	9.84	8.86	0.75	2238	3	38
41578	11.02	9.17	0.75	2101	3	42



Air Moving Components

MARS SERIES **400**

Air MARS Belt Drive Blower Accessories

Pulleys

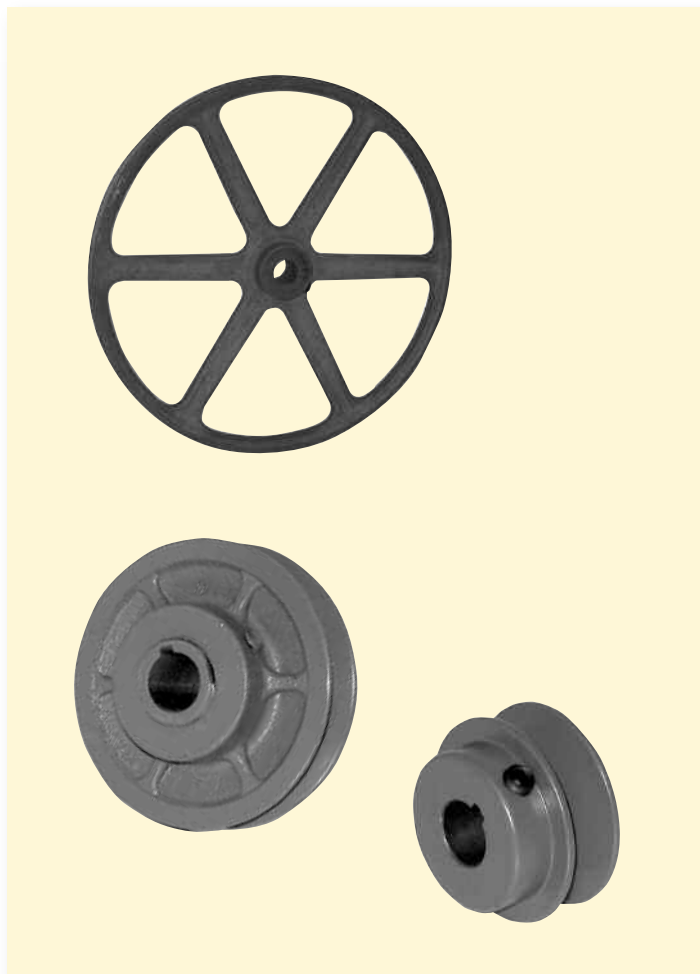
Variable Pitch Pulleys

MARS NO.	DIA	BORE	MATERIAL
40831	3.25"	1/2"	Cast Iron
40832 ⁽¹⁾	3.25"	5/8"	Cast Iron
40833	3.25"	3/4"	Cast Iron
40834	3.75"	1/2"	Cast Iron
40835 ⁽¹⁾	3.75"	5/8"	Cast Iron
40836	3.75"	3/4"	Cast Iron
40837 ⁽¹⁾	3.75"	7/8"	Cast Iron
40838	4.15"	1/2"	Cast Iron
40839 ⁽¹⁾	4.15"	5/8"	Cast Iron
40840	4.15"	3/4"	Cast Iron
40841 ⁽¹⁾	4.15"	7/8"	Cast Iron
40842	4.15"	1-1/8"	Cast Iron
40844 ⁽¹⁾	4.75"	7/8"	Cast Iron
40829	2.5"	1/2"	Cast Iron
40830 ⁽¹⁾	2.5"	5/8"	Cast Iron

(1) with keyway

Fixed Pulleys

MARS NO.	DIA	BORE	MATERIAL
40846	2.0"	1/2"	Cast Iron
40848	2.5"	1/2"	Cast Iron



Blower Pulleys

MARS NO.	DIA	BORE	MATERIAL
40804	6"	5/8"	Cast Iron
40805	6"	3/4"	Cast Iron
40806	6"	1"	Cast Iron
40808	7"	3/4"	Cast Iron
40809	7"	1"	Cast Iron
40811	8"	3/4"	Cast Iron
40812	8"	1"	Cast Iron
40813	9"	3/4"	Cast Iron
40814	9"	1"	Cast Iron
40815	10"	3/4"	Cast Iron
40816	10"	1"	Cast Iron
40817	11"	3/4"	Cast Iron
40818	11"	1"	Cast Iron
40820	12"	1"	Cast Iron

Air Moving Components

MARS SERIES 400



Air MARS Belt Drive Blower Accessories

Bearings

All Air Mars bearings and bearing assemblies are designed and manufactured to precise tolerance. Dedication to quality assures good fit and long life.



MARS NO.	TYPE	BORE	O.D.	PHOTO	BAG QTY.
40863	Cartridge	3/4"	1-13/16"	A	2
40864	Cartridge w/shaft	3/4"	1-13/16"	G	2
40865	Cartridge w/journal	3/4"	1-13/16"	B	2
40867	Oil	5/8"	1-13/16"	H	2
40868	Oil	3/4"	1-13/16"	H	2
40870	Sealed	5/8"	1-13/16"	I	2
40871	Sealed	3/4"	1-13/16"	I	2
40872	Sealed H.D.	1"	2-1/2"	I	2
40873	Randall Type	3/4"	1-27/32"	J	2
40874	Randall Oil	1"	1-27/32"	J	2
40875	Randall Oil	1"	2-1/2"	J	2
40876	Pillow Block	5/8"	-	C	2
40877	Pillow Block	3/4"	-	C	2
40878	Pillow Block	1"	-	C	2
40879	Pillow Block H.D.	1"	-	C	2
40880	Pillow Block-Ball Brg.	3/4"	-	E	2
40881	Pillow Block-Ball Brg.	1"	-	E	2
40882	Pillow Block-Ball Brg.	1-3/16"	-	E	2
40883	Pillow Block-Ball Brg.	1-7/16"	-	E	2
40884	Flange Bearing	3/4"	1-13/16"	K	2



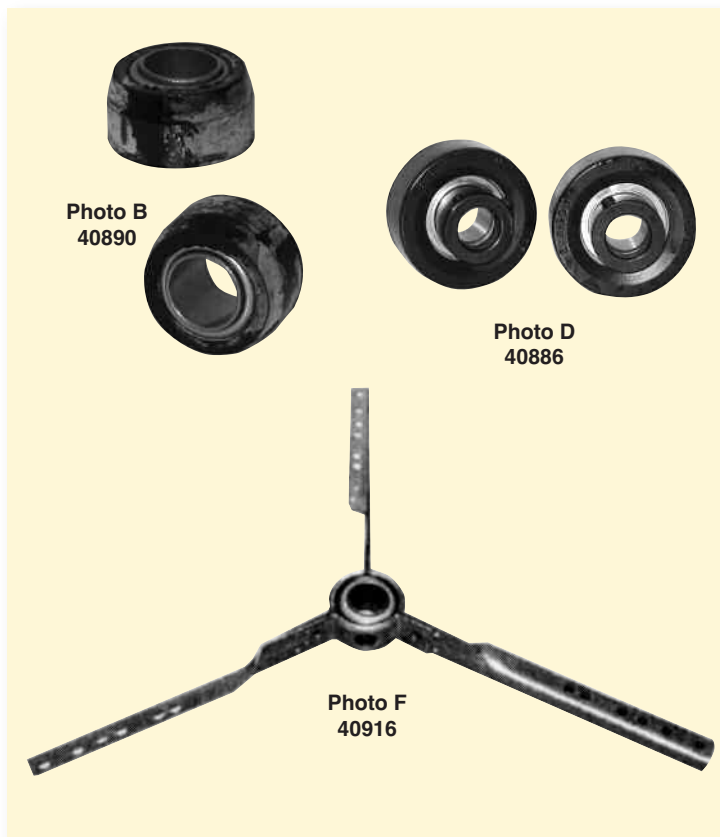
Air Moving Components

MARS SERIES **400**

Air MARS Belt Drive Blower Accessories

Bearings and Brackets

All Air Mars bearings and bearing assemblies are designed and manufactured to precise tolerance. Dedication to quality assures good fit and long life.



MARS NO.	TYPE	BORE	O.D.	PHOTO	BAG QTY.
----------	------	------	------	-------	----------

Bearings

40885	Sealed Ball Bearing	3/4"	1-13/16"	D	2
40887	Sealed Ball Bearing	1"	2-27/32"	D	2
40888	Sealed Ball Bearing	1-3/16"	2-27/32"	D	2
40886	Sealed Ball Bearing	3/4"	2-27/32"	D	2
40889	Sealed Brundage Repl.	3/4"	2-1/16"	B	2
40890	Sealed Brundage Repl.	1"	2-1/16"	B	2
40891	Oil Brundage Repl.	3/4"	2-1/16"	B	2
40892	Oil Brundage Repl.	1"	2-1/16"	B	2

3-Wing Bearing Brackets

40916	Universal 3-Wing Bracket	3/4"		F	1
40917	Universal 3-Wing Bracket	1"		F	1
40918	3-Wing Bracket w/Hardware	3/4"	w/ 3/4" x 20" shaft	-	1 Kit
40919	3-Wing Bracket w/Hardware	1"	w/ 1" x 20" shaft	-	1 Kit



The largest selection of motors, components and accessories for the HVAC/R Industry

AM-29

Air Moving Components

MARS SERIES 400



Air MARS Belt Drive Blower Accessories

Shafts, Miscellaneous Accessories, etc.

All Air Mars bearings and bearing assemblies are designed and manufactured to precise tolerance. Dedication to quality assures good fit and long life.



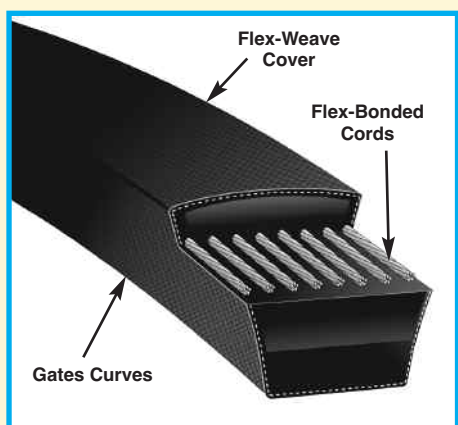
Miscellaneous Accessories

MARS NO.	TYPE	PHOTO	PER PACK	Wt. EACH
40904	Hardware Kit for Blowers 9"-15"	-	1	.40
40905	Adjustable Tailpiece Assembly	-	1	.25
40897	5/8" Thrust Collar Kit	A	2	.20
40898	3/4" Thrust Collar Kit	A	2	.30
40899	1" Thrust Collar Kit	A	2	.50
40900	5/8" Thrust Spacer Kit	-	12	.10
40901	3/4" Thrust Spacer Kit	-	12	.10
40902	1" Thrust Spacer Kit	-	12	.10

Solid Shafts

MARS NO.	BLADE DIA	LENGTH	FLATTED OR KEYWAY	WT. EACH
40906	5/8"	20"	Flatted	2.10
40907	3/4"	20"	Flatted	3.00
40908	1"	25"	Flatted	6.40
40910	1"	35"	Flatted	9.00
40911	1-3/16"	48"	Flatted	17.60
40912	1-3/16"	68"	Flatted	24.30
40913	1-7/16"	52"	Flatted	27.30
40909	3/4"	35"	Flatted	5.30
40914	3/4"	20"	Keyway	3.00
40915	1"	25"	Keyway	6.40

Note: excess can be cut off

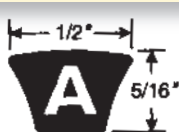


Hi-Power® II Belts

Gates Hi-Power II belts are engineered for classical applications. They have patented concave sidewalls to distribute wear evenly while providing proper belt support for improved service life. Flex-bonded cords and flex-weave covers make them the No. 1 choice for heavy-duty conventional V-belt drives. Hi-Power II belts also resist the effects of oil, heat, ozone, weather and aging while meeting RMA standards for static conductivity.

Features & Benefits:

- See page AM-32
- MARS Pack 1



MARS NO.	Desc.	Case Qty.
A BELTS		
74328	A24	185
74329	A25	185
74330	A26	150
74331	A27	150
74332	A28	150
74333	A29	150
74334	A30	150
74335	A31	150
74336	A32	150
74337	A33	150
74338	A34	150
74339	A35	130
74340	A36	130
74341	A37	110
74342	A38	110
74343	A39	110
74344	A40	110
74345	A41	90
74346	A42	90
74347	A43	90
74348	A44	90
74349	A45	90
74350	A46	90
74351	A47	90
74352	A48	90
74353	A49	90
74354	A50	90
74355	A51	90
74356	A52	50
74357	A53	50
74358	A54	50
74359	A55	50
74360	A56	50
74361	A57	50
74362	A58	50
74363	A59	50
74366	A60	50
74367	A61	50

MARS NO.	Desc.	Case Qty.
A BELTS cont.		
74368	A62	50
74369	A63	50
74370	A64	50
74371	A65	75
74372	A66	75
74373	A67	75
74374	A68	50
74375	A69	7
74376	A70	42
74377	A71	75
74378	A72	75
74379	A73	75
74380	A74	42
74381	A75	75
74382	A76	75
74383	A77	75
74384	A78	75
74385	A79	50
74386	A80	75
74387	A81	25
74388	A82	50
74389	A83	60
74390	A84	25
74391	A85	50
74392	A86	10
74393	A87	10
74394	A88	30
74395	A89	60
74396	A90	60
74397	A91	60
74398	A92	60
74399	A93	60
74400	A94	60
74401	A95	60
74402	A96	50
74531	A97	5
74532	A98	4
74403	A100	35

MARS NO.	Desc.	Case Qty.
A BELTS cont.		
74404	A103	50
74405	A105	25
74406	A110	5
74407	A112	45
74408	A120	35
74409	A128	35
74410	A133	2
74411	A136	2
74412	A144	15
74416	A158	2
74417	A173	2
74415	A180	2
B BELTS		
74517	B28	10
74526	B280	2
74518	B29	95
74422	B30	20
74423	B31	95
74424	B32	10
74425	B33	10
74426	B34	25
74427	B35	100
74428	B36	25
74429	B37	20
74430	B38	90
74431	B39	20
74432	B40	75
74433	B41	75
74434	B42	75
74435	B43	75
74436	B44	75
74437	B45	75
74438	B46	65
74439	B47	60
74440	B48	60
74441	B49	60
74442	B50	40

MARS NO.	Desc.	Case Qty.
B BELTS cont.		
74443	B51	40
74444	B52	40
74445	B53	40
74446	B54	40
74447	B55	30
74448	B56	20
74449	B57	40
74450	B58	35
74451	B59	35
74452	B60	35
74453	B61	35
74454	B62	35
74455	B63	35
74456	B64	35
74457	B65	35
74458	B66	35
74459	B67	25
74460	B68	25
74461	B69	25
74462	B70	20
74463	B71	25
74464	B72	25
74465	B73	35
74466	B74	35
74467	B75	35
74468	B76	35
74469	B77	35
74470	B78	35
74471	B79	35
74472	B80	35
74473	B81	35
74474	B82	30
74475	B83	30
74476	B84	30
74477	B85	35
74478	B86	30
74479	B87	25
74480	B88	20

MARS NO.	Desc.	Case Qty.
B BELTS cont.		
74481	B89	30
74482	B90	30
74528	B91	25
74483	B92	30
74484	B93	30
74485	B94	30
74486	B95	30
74487	B96	30
74488	B97	30
74489	B98	5
74490	B99	15
74491	B100	30
74519	B101	30
74520	B102	30
74492	B103	30
74493	B105	30
74494	B106	30
74495	B108	30
74530	B109	25
74496	B110	25
74497	B112	15
74521	B114	30
74498	B115	30
74499	B116	30
74500	B118	30
74501	B120	30
74529	B122	5
74502	B124	30
74503	B126	35
74504	B128	30
74505	B131	20
74525	B133	20
74506	B136	20
74507	B140	20
74522	B142	20
74508	B144	20
74510	B150	15
74511	B154	2

Gates V-Belts

MARS SERIES **741**

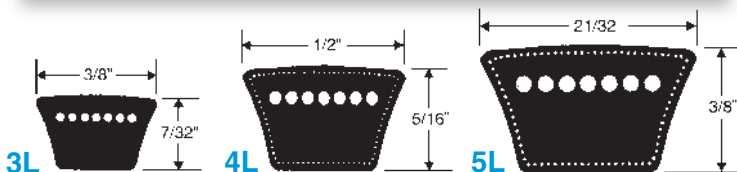
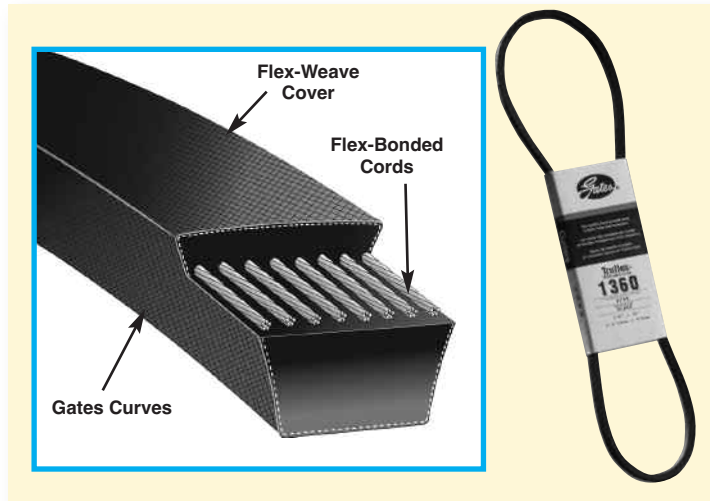


Gates Truflex® V-Belts

GatesTruflex® belts offer improved performance on light duty, fractional horsepower (FHP) V-belt drives. Their unique patented construction provides smooth, quiet operation with less vibration.

Features & Benefits:

- Gates Curves provide proper cord support and full contact with the sheave-groove for uniform loading, uniform wear, and increased belt life.
- Flex-Bonded Cords are strongly bonded to the body of the belt resulting in equal load distribution and the absorption of bending stress without cord reduction.
- Flex-Weave® Cover is a patented fabric construction for longer cover life, providing extended protection to the belt core from oil, dirt and heat.
- Meets RMA static conductivity requirements.
- Meets RMA oil and heat resistant standards.
- MARS Pack 1



MARS NO.	Desc.	Case Qty.
B BELTS cont.		
74512	B158	10
74513	B162	20

3L BELTS

74103	3L170	100
74104	3L180	100
74105	3L190	100
74106	3L200	100
74107	3L210	100
74108	3L220	100
74109	3L230	100
74110	3L240	100
74111	3L250	100
74112	3L260	100
74113	3L270	100
74114	3L280	10
74115	3L290	100
74116	3L300	10
74117	3L310	1
74118	3L320	100
74119	3L330	150
74120	3L340	100
74121	3L350	100
74122	3L360	100
74124	3L380	1
74125	3L390	1
74126	3L400	1
74128	3L420	1
74129	3L430	150
74130	3L440	50
74132	3L460	1

4L BELTS

74153	4L150	5
74154	4L160	124
74155	4L170	25

MARS NO.	Desc.	Case Qty.
4L BELTS cont.		
74156	4L180	100
74157	4L190	100
74158	4L200	100
74159	4L210	150
74160	4L220	100
74162	4L230	100
74163	4L240	100
74164	4L250	100
74165	4L260	100
74166	4L270	100
74167	4L280	100
74168	4L290	50
74169	4L300	50
74170	4L310	70
74171	4L320	50
74172	4L330	50
74173	4L340	50
74174	4L350	50
74175	4L360	75
74176	4L370	50
74177	4L380	50
74178	4L390	100
74179	4L400	50
74180	4L410	50
74181	4L420	50
74182	4L430	110
74183	4L440	50
74184	4L450	110
74185	4L460	50
74186	4L470	110
74187	4L480	50
74188	4L490	50
74189	4L500	110
74190	4L510	75
74191	4L520	75
74192	4L530	74

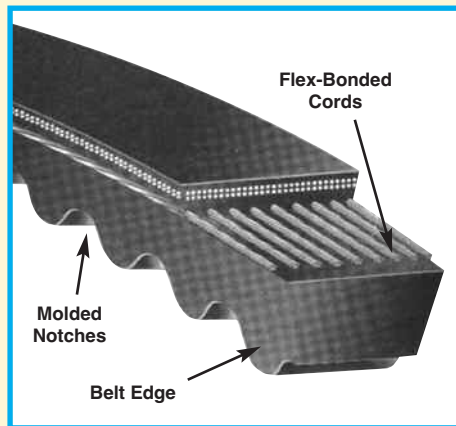
MARS NO.	Desc.	Case Qty.
4L BELTS cont.		
74193	4L540	60
74194	4L550	60
74195	4L560	60
74196	4L570	60
74197	4L580	60
74198	4L590	60
74199	4L600	80
74200	4L610	40
74201	4L620	80
74202	4L630	50
74203	4L640	75
74204	4L650	50
74205	4L660	75
74206	4L670	70
74207	4L680	74
74208	4L690	75
74209	4L700	75
74210	4L710	75
74211	4L720	75
74212	4L730	75
74213	4L740	75
74214	4L750	75
74215	4L760	75
74216	4L770	75
74217	4L780	75
74218	4L790	75
74219	4L800	75
74220	4L810	75
74221	4L820	75
74222	4L830	5
74223	4L840	60
74224	4L850	2
74225	4L860	2
74226	4L870	75
74227	4L880	55
74228	4L890	55

MARS NO.	Desc.	Case Qty.
4L BELTS cont.		
74229	4L900	55
74230	4L910	55
74231	4L920	55
74232	4L930	55
74233	4L940	1
74234	4L950	1
74235	4L960	55
74236	4L970	55
74237	4L980	1
74238	4L990	55
74239	4L1000	55

5L BELTS

74246	5L240	150
74247	5L250	150
74248	5L260	150
74249	5L270	50
74250	5L280	35
74251	5L290	130
74252	5L300	130
74253	5L310	50
74254	5L320	10
74255	5L330	10
74256	5L340	90
74257	5L350	10
74258	5L360	90
74259	5L370	10
74260	5L380	20
74261	5L390	90
74262	5L400	90
74263	5L410	75
74264	5L420	75
74265	5L430	75
74266	5L440	75
74267	5L450	75
74268	5L460	75

MARS NO.	Desc.	Case Qty.
5L BELTS cont.		
74269	5L470	75
74270	5L480	75
74271	5L490	75
74272	5L500	75
74273	5L510	55
74274	5L520	60
74275	5L530	60
74276	5L540	25
74277	5L550	50
74278	5L560	25
74279	5L570	15
74280	5L580	25
74281	5L590	15
74282	5L600	35
74283	5L610	35
74284	5L620	20
74285	5L630	60
74286	5L640	60
74287	5L650	60
74288	5L660	25
74289	5L670	15
74290	5L680	27
74291	5L690	60
74292	5L700	10
74293	5L710	50
74294	5L720	25
74295	5L730	25
74296	5L740	50
74297	5L750	50
74298	5L760	50
74299	5L770	50
74300	5L780	15
74301	5L790	50
74302	5L800	15
74303	5L810	55
74304	5L820	55



Gates Tri-Power® Belts-AX, BX

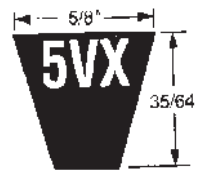
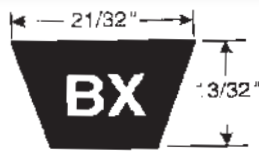
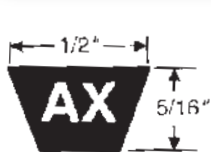
Constructed with Gates proprietary Vextra® construction, this belt has a superior combination of flex and load carrying capacity, as well as less stretch resulting in less maintenance. Suitable for all industrial applications, particularly where small or sub-minimal sheave diameters are required.

Super HC® Molded Notch Belts-5VX

Constructed with Gates proprietary construction, this belt has a superior combination of flex and load carrying capacity, as well as transmitting more horsepower than the classical cross sections in the same amount of drive space. Suitable for all industrial applications, particularly where space, weight and horsepower capacity are critical.

Features & Benefits:

- Notches molded in to the belt during manufacturing, make this belt well suited for drives with smaller diameter sheaves.
- Belt edge is machined for even sheave groove contact resulting in less slip and wear.
- Flex bonded cords are strongly bonded to the body of the belt resulting in equal load distribution and the absorption of bending stress without cord deterioration.
- Meets RMA oil and heat resistant standards
- Meets RMA static conductivity requirements.
- MARS Pack 1



MARS NO.	Desc.	Case Qty.
5L BELTS		
74305	5L830	55
74306	5L840	45
74307	5L850	40
74308	5L860	40
74309	5L870	40
74310	5L880	40
74311	5L890	40
74312	5L900	40
74313	5L910	40
74314	5L920	40
74315	5L930	45
74316	5L940	45
74317	5L950	45
74318	5L960	45
74319	5L970	45
74320	5L980	45
74321	5L990	45
74322	5L1000	45
AX BELTS		
74556	AX21	15
74557	AX22	5
74558	AX23	5
74553	AX24	5
74560	AX25	20
74566	AX26	25
74561	AX27	20

MARS NO.	Desc.	Case Qty.
AX BELTS cont.		
74555	AX28	20
74563	AX29	20
74564	AX30	10
74565	AX31	10
74554	AX32	50
74567	AX33	14
74568	AX34	15
74569	AX35	15
74570	AX36	15
74571	AX37	15
74572	AX38	10
74562	AX39	10
74573	AX40	10
74574	AX41	10
74575	AX42	15
74576	AX43	30
74604	AX44	10
74608	AX45	10
74577	AX46	55
74579	AX47	10
74578	AX48	5
74580	AX49	20
74598	AX50	10
74581	AX51	10
74599	AX52	5
74551	AX53	5
74582	AX54	15

MARS NO.	Desc.	Case Qty.
AX BELTS cont.		
74583	AX55	5
74600	AX56	10
74601	AX57	10
74584	AX58	5
74552	AX59	10
74585	AX60	4
74586	AX61	5
74587	AX62	5
74588	AX63	15
74589	AX64	10
74602	AX65	5
74603	AX66	5
74559	AX67	5
74590	AX68	5
74592	AX69	5
74749	AX70	5
74757	AX71	5
74514	AX72	5
74591	AX75	5
74593	AX80	5
74750	AX82	1
74594	AX85	1
74595	AX87	1
74596	AX90	5
74597	AX96	5

MARS NO.	Desc.	Case Qty.
BX BELTS		
74650	BX28	1
74662	BX30	1
74605	BX32	1
74666	BX34	10
74609	BX35	1
74610	BX36	5
74611	BX37	1
74612	BX38	4
74709	BX39	1
74613	BX39	40
74614	BX40	15
74615	BX41	1
74616	BX42	4
74617	BX43	5
74618	BX44	10
74710	BX45	10
74619	BX46	15
74620	BX48	10
74621	BX50	20
74607	BX51	50
74622	BX52	10
74623	BX53	5
74624	BX54	20
74625	BX55	1
74626	BX56	5
74629	BX58	10
74630	BX59	25

MARS NO.	Desc.	Case Qty.
BX BELTS cont.		
74631	BX60	25
74627	BX61	15
74632	BX62	20
74628	BX63	20
74633	BX64	10
74634	BX65	15
74635	BX66	10
74636	BX67	10
74637	BX68	5
74638	BX70	10
74639	BX71	10
74641	BX72	15
74640	BX73	5
74646	BX75	10
74648	BX76	5
74651	BX77	5
74655	BX78	5
74656	BX79	5
74642	BX80	5
74643	BX81	10
74658	BX82	5
74644	BX83	5
74652	BX84	5
74645	BX85	2
74659	BX90	5
74661	BX93	1
74660	BX95	1

continued on next page

Gates V-Belts

MARS SERIES **741**



MARS NO.	Desc.	Case Qty.	MARS NO.	Desc.	Case Qty.	MARS NO.	Desc.	Case Qty.	MARS NO.	Desc.	Case Qty.	MARS NO.	Desc.	Case Qty.
BX BELTS cont.			3VX BELTS			5VX BELTS cont.			5VX BELTS cont.			AP Belts		
74606	BX96	1	74515	3VX315	1	74702	5VX670	1	74696	5VX1080	10	74746	AP46	1
74681	BX97	30	74516	3VX355	1	74703	5VX710	1	74697	5VX1120	10	74751	AP51	1
74683	BX99	5	74547	3VX670	1	74689	5VX750	12	74698	5VX1150	10	74755	AP55	1
74647	BX100	1	74523	3VX710	1	74708	5VX780	1	74699	5VX1180	1	74756	AP56	1
74649	BX103	1	74548	3VX750	5	74704	5VX800	1	74700	5VX1320	10	74758	AP58	1
74685	BX108	1	74550	3VX800	1	74690	5VX900	13	74701	5VX1400	20	74760	AP59	1
74670	BX112	30	74524	3VX850	1	74691	5VX930	5	74725	5V630	1	Miscellaneous Belts		
74686	BX116	1	74527	3VX900	1	74706	5VX950	1	74726	5V710	1	74991	C85	1
74687	BX128	1	5VX BELTS			74692	5VX960	10	74728	5V750	1	74990	C100	5
74705	BX133	10	74711	5VX500	1	74693	5VX1000	10	74729	5V800	1	74998	C136	1
74748	BX162	1	74688	5VX530	10	74694	5VX1030	10				74796	CX96	1
74759	BX173	1				74695	5VX1060	1						

Gates Accessories

MARS SERIES **741**



Gates Maintenance Tools

Belt Sizer

Measures FHP belts up to 107" to determine equivalent Truflex® belt numbers.

MARS NO.	Gates No.
74100	7401-0012

Sheave Gauge

Helps to identify worn sheaves and damaged belts.

MARS NO.	Gates No.
74099	7401-0014

Tension Tester

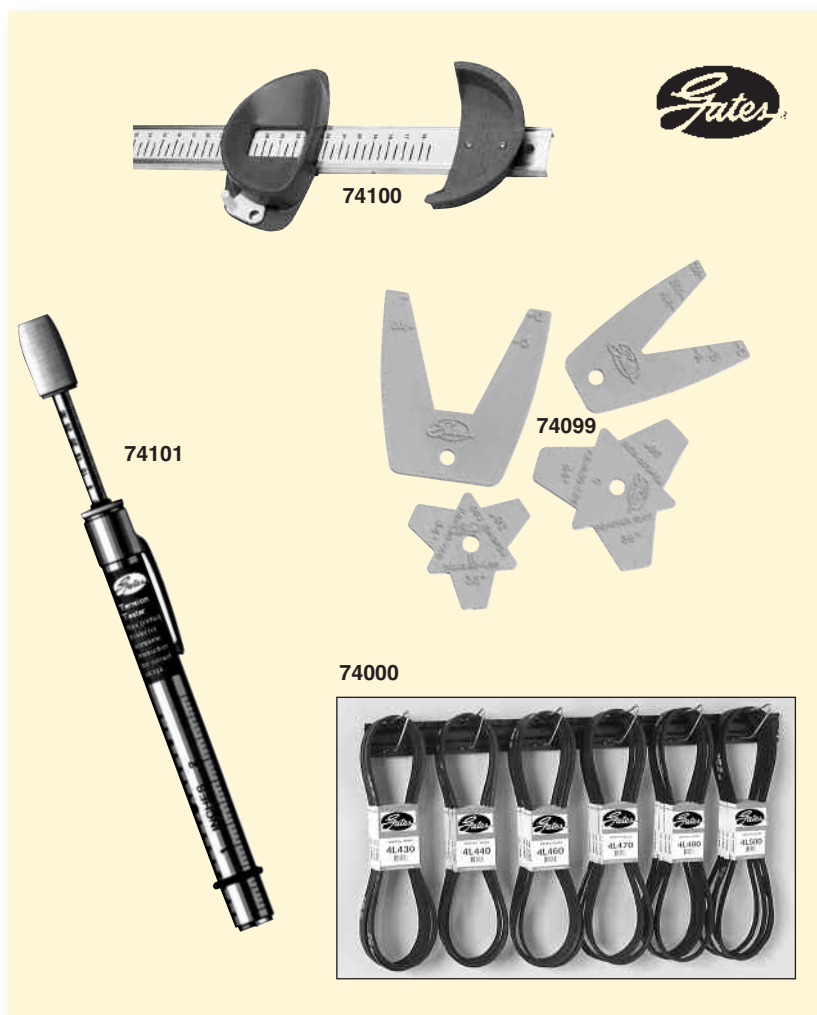
Pencil type tension tester is for use with all small v-belts and synchronous belts. Maximum deflection force 30 lbs.

MARS NO.	Gates No.
74101	7401-0076

Gates Merchandiser

Includes 12 three foot long strips with 8 hooks each.

MARS NO.	Gates No.
74000	7645-0003



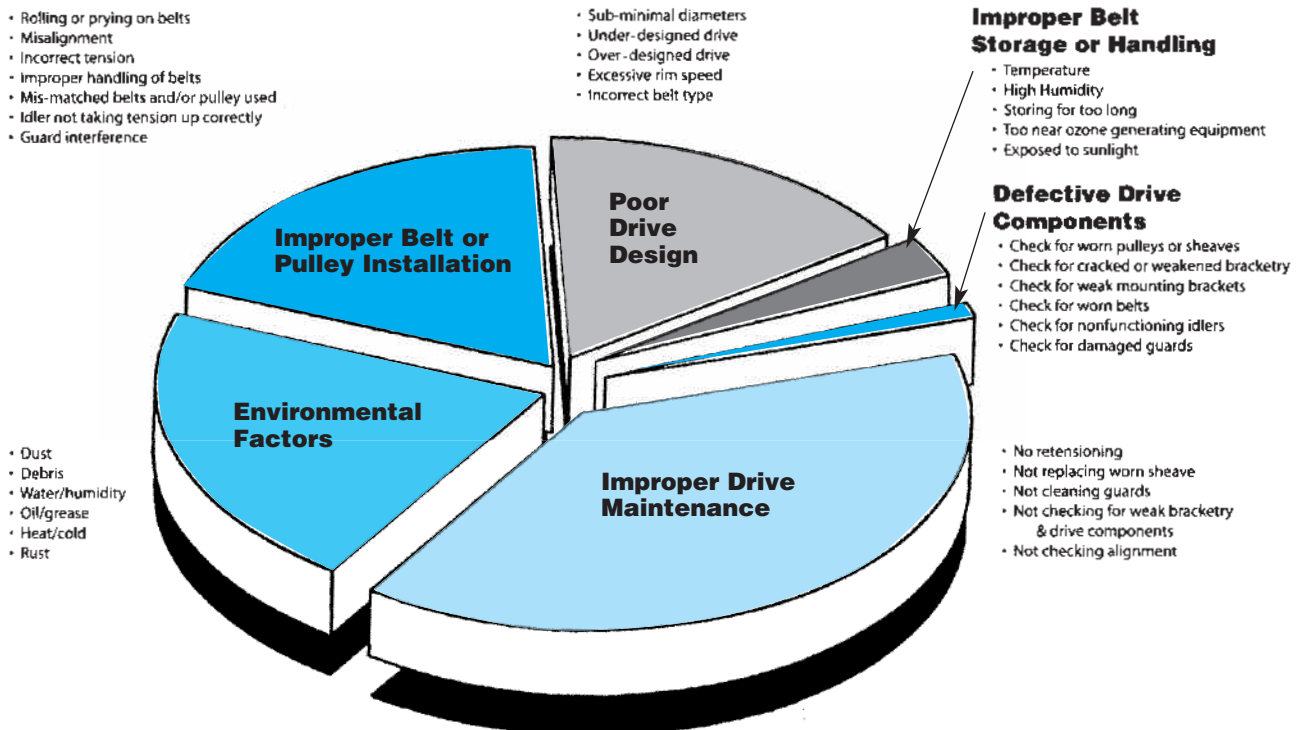


An effective preventive maintenance program saves time and money. Inspecting and replacing belts and faulty drive components **before they fail will reduce costly downtime.**

A comprehensive, effective program of preventive maintenance consists of several elements:

- Maintaining a safe work environment
- Regularly scheduled belt drive inspections
- Proper belt installation procedures
- Belt drive performance evaluations
- Belt product knowledge
- Belt storage and handling
- Trouble shooting

Sources of Drive Problems



Ask your MARS Sales Representative about how MARS & Gates can help you provide your customers with superior product and superior product application knowledge.

MARS V-Belts

MARS SERIES **941**

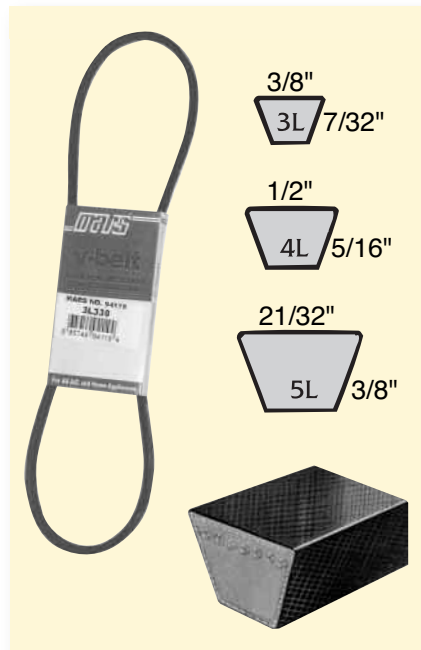


MARS FHP V-Belts

The Air MARS FHP V-belt has been designed specifically for solving the problems of minimum space, small pulley diameters, large ratios and fractional horsepower requirements. Excellent for air conditioning, refrigeration and appliance equipment. This series of Air MARS belts uses only top quality material in order to have superior performance. All belts are manufactured under strict quality control standards.

MARS FHP -3L V-belts - 3/8" top width

MARS NO.	DESC.	MARS PACK	CASE QTY.
94240	2L160		
94101	3L150	1	10
94102	3L160	1	10
94103	3L170	1	10
94104	3L180	1	10
94105	3L190	1	10
94106	3L200	1	10
94107	3L210	1	10
94108	3L220	1	10
94109	3L230	1	10
94110	3L240	1	10
94111	3L250	1	10
94112	3L260	1	10
94113	3L270	1	10
94114	3L280	1	10
94115	3L290	1	10
94116	3L300	1	10
94117	3L310	1	10
94118	3L320	1	10
94119	3L330	1	10
94120	3L340	1	10
94121	3L350	1	10
94122	3L360	1	10
94123	3L370	1	10
94124	3L380	1	10
94125	3L390	1	10
94126	3L400	1	10
94127	3L410	1	10
94128	3L420	1	10
94129	3L430	1	10
94130	3L440	1	10
94131	3L450	1	10
94132	3L460	1	10
94133	3L470	1	10
94134	3L480	1	10
94135	3L490	1	10
94136	3L500	1	10
94137	3L510	1	10
94138	3L520	1	10
94139	3L530	1	10
94140	3L540	1	10
94141	3L550	1	10
94142	3L560	1	10
94143	3L570	1	10
94144	3L580	1	10
94145	3L590	1	10
94146	3L600	1	10
94147	3L610	1	10
94148	3L620	1	10
94149	3L630	1	10



MARS FHP -4L V-belts - 1/2" top width

MARS NO.	DESC.	MARS PACK	CASE QTY.
94154	4L160	1	20
94155	4L170	1	20
94156	4L180	1	20
94157	4L190	1	20
94239	4L1000	1	20

MARS FHP -5L V-belts 21/32" top width

MARS NO.	DESC.	MARS PACK	CASE QTY.
94245	5L230	1	10
94246	5L240	1	10
94247	5L250	1	10
94248	5L260	1	10
94249	5L270	1	10
94251	5L290	1	10
94252	5L300	1	10
94253	5L310	1	10
94254	5L320	1	10
94255	5L330	1	10
94256	5L340	1	10
94257	5L350	1	10
94258	5L360	1	10
94259	5L370	1	10
94260	5L380	1	10
94261	5L390	1	10
94262	5L400	1	10
94263	5L410	1	10
94264	5L420	1	10
94265	5L430	1	10
94266	5L440	1	10
94267	5L450	1	10
94268	5L460	1	10
94269	5L470	1	10

MARS FHP -5L V-belts 21/32" top width

MARS NO.	DESC.	MARS PACK	CASE QTY.
94270	5L480	1	10
94271	5L490	1	10
94272	5L500	1	10
94273	5L510	1	10
94274	5L520	1	10
94275	5L530	1	10
94276	5L540	1	10
94277	5L550	1	10
94278	5L560	1	10
94279	5L570	1	10
94280	5L580	1	10
94281	5L590	1	10
94282	5L600	1	10
94283	5L610	1	10
94284	5L620	1	10
94285	5L630	1	10
94286	5L640	1	10
94287	5L650	1	10
94288	5L660	1	10
94289	5L670	1	10
94290	5L680	1	10
94291	5L690	1	10
94292	5L700	1	10
94293	5L710	1	10
94294	5L720	1	10
94295	5L730	1	10
94297	5L750	1	10
94298	5L760	1	10
94299	5L770	1	10
94300	5L780	1	10
94301	5L790	1	10
94302	5L800	1	10
94303	5L810	1	10
94304	5L820	1	10
94306	5L840	1	10
94307	5L850	1	10
94308	5L860	1	10
94309	5L870	1	10
94310	5L880	1	10
94311	5L890	1	10
94313	5L910	1	10
94314	5L920	1	10
94315	5L930	1	10
94322	5L1000	1	10

To replace an "A" belt with a "4L" belt or a "B" belt to a "5L" use this simple formula:

Take the "A" size and add two then add a zero.

For the "B" size add three and add a zero

Example: A32= 4L340 or B32= 5L350

To replace the "4L" with an "A" belt or "5L" with a "B" belt simply subtract two or three and delete the zero.

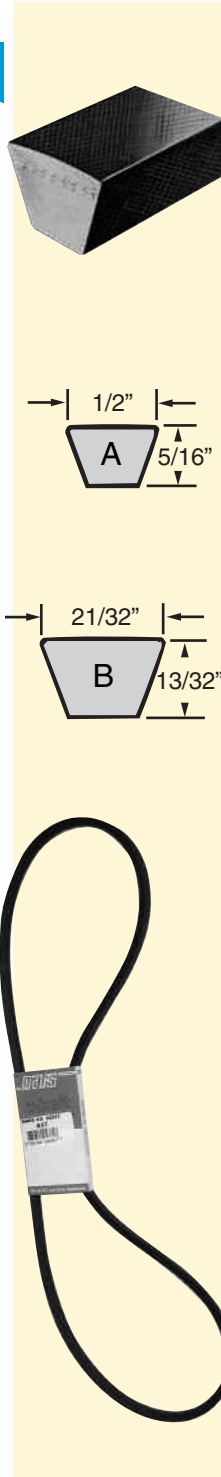


MARS Dual Rated V-Belts

MARS is pleased to offer our dual rated v-belts. These belts are a combination of the classical multiple belt and the FHP belt, allowing the wholesaler and contractor to consolidate inventory. There is no need to stock both the FHP and multiple belts when you use the MARS dual brand v-belts. These unmatched belts are the same size and type and will measure within the RMA matching limits.

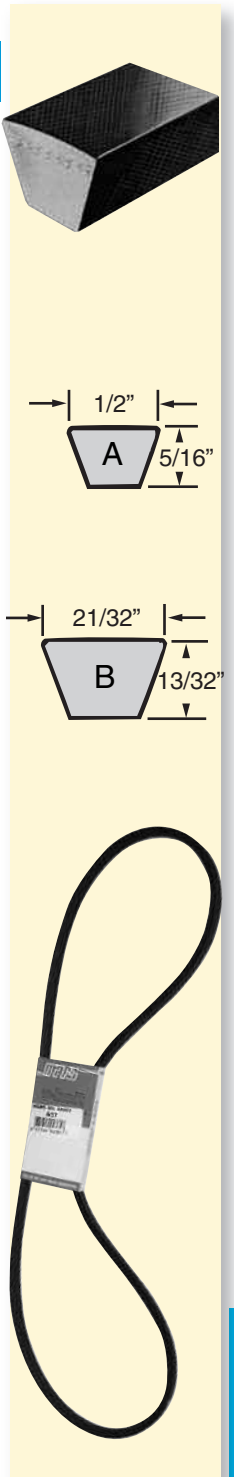
A/4L Dual Rated V-Belts

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
94416	A-18/4L200	1	10
94323	A-19/4L210	1	10
94324	A-20/4L220	1	10
94325	A-21/4L230	1	10
94326	A-22/4L240	1	10
94327	A-23/4L250	1	10
94328	A-24/4L260	1	10
94329	A-25/4L270	1	10
94330	A-26/4L280	1	10
94331	A-27/4L290	1	10
94332	A-28/4L300	1	10
94333	A-29/4L310	1	10
94334	A-30/4L320	1	10
94335	A-31/4L330	1	10
94336	A-32/4L340	1	10
94337	A-33/4L350	1	10
94338	A-34/4L360	1	10
94339	A-35/4L370	1	10
94340	A-36/4L380	1	10
94341	A-37/4L390	1	10
94342	A-38/4L400	1	10
94343	A-39/4L410	1	10
94344	A-40/4L420	1	10
94345	A-41/4L430	1	10
94346	A-42/4L440	1	10
94347	A-43/4L450	1	10
94348	A-44/4L460	1	10
94349	A-45/4L470	1	10
94350	A-46/4L480	1	10
94351	A-47/4L490	1	10
94352	A-48/4L500	1	10
94353	A-49/4L510	1	10
94354	A-50/4L520	1	10
94355	A-51/4L530	1	10
94356	A-52/4L540	1	10
94357	A-53/4L550	1	10
94358	A-54/4L560	1	10
94359	A-55/4L570	1	10
94360	A-56/4L580	1	10
94361	A-57/4L590	1	10
94362	A-58/4L600	1	10
94363	A-59/4L610	1	10
94366	A-60/4L620	1	10
94367	A-61/4L630	1	10



A/4L Dual Rated V-Belts (cont'd)

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
94368	A-62/4L640	1	10
94369	A-63/4L650	1	10
94370	A-64/4L660	1	10
94371	A-65/4L670	1	10
94372	A-66/4L680	1	10
94373	A-67/4L690	1	10
94374	A-68/4L700	1	10
94375	A-69/4L710	1	10
94376	A-70/4L720	1	10
94377	A-71/4L730	1	10
94378	A-72/4L740	1	10
94379	A-73/4L750	1	10
94380	A-74/4L760	1	10
94381	A-75/4L770	1	10
94382	A-76/4L780	1	10
94383	A-77/4L790	1	10
94384	A-78/4L800	1	10
94385	A-79/4L810	1	10
94386	A-80/4L820	1	10
94387	A-81/4L830	1	10
94388	A-82/4L840	1	10
94389	A-83/4L850	1	10
94390	A-84/4L860	1	10
94391	A-85/4L870	1	10
94392	A-86/4L880	1	10
94393	A-87/4L890	1	10
94394	A-88/4L900	1	10
94395	A-89/4L910	1	10
94396	A-90/4L920	1	10
94397	A-91/4L930	1	10
94398	A-92/4L940	1	10
94399	A-93/4L950	1	10
94400	A-94/4L960	1	10
94401	A-95/4L970	1	10
94402	A-96/4L980	1	10
94403	A-100	1	10
94404	A-103	1	10
94417	A-104	1	10
94405	A-105	1	10
94406	A-110	1	10
94407	A-112	1	10
94408	A-120	1	10
94409	A-128	1	10
94411	A-136	1	10



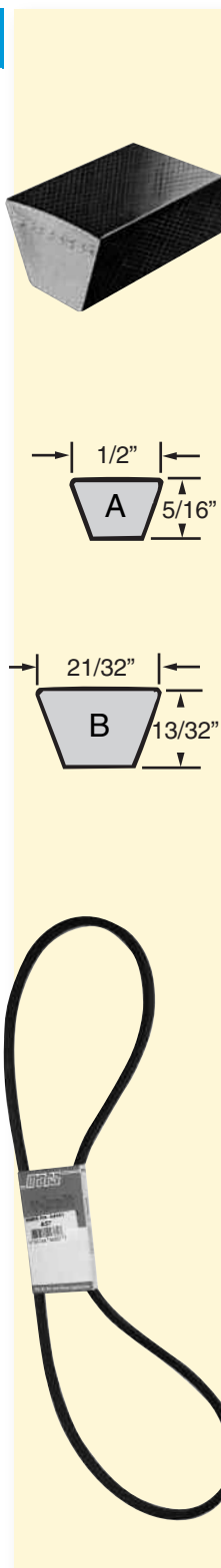


MARS Dual Rated V-Belts

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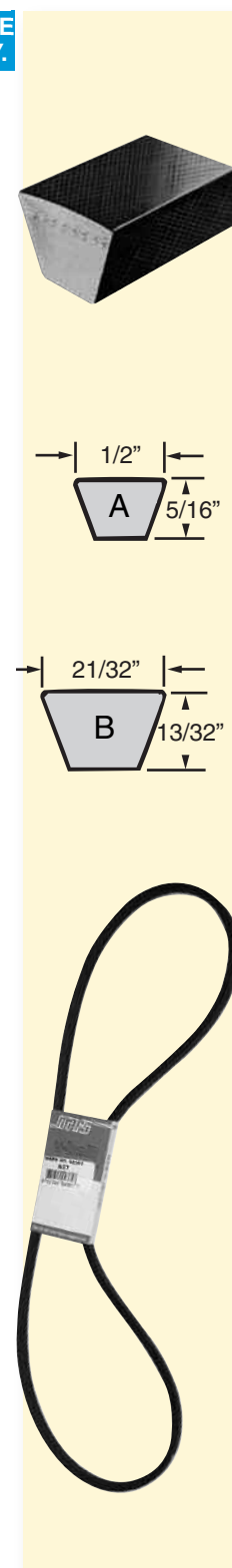
B/5L Dual Rated V-Belts

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
94526	B-20	1	10
94527	B-21/5L240	1	10
94418	B-22/5L250	1	10
94419	B-23/5L260	1	10
94420	B-24/5L270	1	10
94421	B-25/5L280	1	10
94422	B-30/5L330	1	10
94423	B-31/5L340	1	10
94424	B-32/5L350	1	10
94425	B-33/5L360	1	10
94426	B-34/5L370	1	10
94427	B-35/5L380	1	10
94428	B-36/5L390	1	10
94429	B-37/5L400	1	10
94430	B-38/5L410	1	10
94431	B-39/5L420	1	10
94432	B-40/5L430	1	10
94433	B-41/5L440	1	10
94434	B-42/5L450	1	10
94435	B-43/5L460	1	10
94436	B-44/5L470	1	10
94437	B-45/5L480	1	10
94438	B-46/5L490	1	10
94439	B-47/5L500	1	10
94440	B-48/5L510	1	10
94441	B-49/5L520	1	10
94442	B-50/5L530	1	10
94443	B-51/5L540	1	10
94444	B-52/5L550	1	10
94445	B-53/5L560	1	10
94446	B-54/5L570	1	10
94447	B-55/5L580	1	10
94448	B-56/5L590	1	10
94449	B-57/5L600	1	10
94450	B-58/5L610	1	10
94451	B-59/5L620	1	10
94452	B-60/5L630	1	10
94453	B-61/5L640	1	10
94454	B-62/5L650	1	10
94455	B-63/5L660	1	10
94456	B-64/5L670	1	10
94457	B-65/5L680	1	10
94458	B-66/5L690	1	10
94459	B-67/5L700	1	10
94460	B-68/5L710	1	10
94461	B-69/5L720	1	10
94462	B-70/5L730	1	10
94463	B-71/5L740	1	10
94464	B-72/5L750	1	10
94465	B-73/5L760	1	10
94466	B-74/5L770	1	10
94467	B-75/5L780	1	10



B/5L Dual Rated V-Belts (Cont'd)

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
94468	B-76/5L790	1	10
94469	B-77/5L800	1	10
94470	B-78/5L810	1	10
94471	B-79/5L820	1	10
94472	B-80/5L830	1	10
94473	B-81/5L840	1	10
94474	B-82/5L850	1	10
94475	B-83/5L860	1	10
94476	B-84/5L870	1	10
94477	B-85/5L880	1	10
94478	B-86/5L890	1	10
94479	B-87/5L900	1	10
94480	B-88/5L910	1	10
94481	B-89/5L920	1	10
94482	B-90/5L930	1	10
94528	B-91/5L940	1	10
94483	B-92/5L950	1	10
94484	B-93/5L960	1	10
94485	B-94/5L970	1	10
94486	B-95/5L980	1	10
94487	B-96/5L990	1	10
94488	B-97/5L1000	1	10
94489	B-98	1	10
94490	B-99	1	10
94491	B-100	1	10
94492	B-103	1	10
94493	B-105	1	10
94494	B-106	1	10
94495	B-108	1	10
94497	B-112	1	10
94498	B-115	1	10
94499	B-116	1	10
94500	B-118	1	10
94501	B-120	1	10
94502	B-124	1	10
94503	B-126	1	10
94504	B-128	1	10
94525	B-133	1	10
94506	B-136	1	10
94507	B-140	1	10
94508	B-144	1	10
94510	B-150	1	10
94512	B-158	1	10
94513	B-162	1	10
94515	B-180	1	10
94516	B-195	1	10





Cogged Raw Edge V-Belts

Air MARS cogged raw edge V-belts are designed to keep drive costs and maintenance costs at a minimum. These belts are more compact and offer greater flexibility. Oil and heat resistant.

AX Cogged Raw Edge V-Belts

MARS NO.	MARS DESCRIPTION	CASE PACK	QTY.
94564	AX22	1	10
94565	AX24	1	10
94566	AX26	1	10
94567	AX30	1	10
94568	AX31	1	10
94563	AX32	1	10
94569	AX33	1	10
94570	AX34	1	10
94571	AX35	1	10
94572	AX36	1	10
94573	AX37	1	10
94574	AX38	1	10
94562	AX39	1	10
94561	AX40	1	10
94603	AX41	1	10
94575	AX42	1	10
94576	AX43	1	10
94604	AX44	1	10
94577	AX46	1	10
94605	AX47	1	10
94578	AX48	1	10
94606	AX50	1	10
94579	AX51	1	10
94607	AX52	1	10
94580	AX53	1	10
94581	AX54	1	10
94582	AX55	1	10
94583	AX56	1	10
94673	AX57	1	10
94584	AX60	1	10
94585	AX62	1	10
94675	AX63	1	10
94586	AX64	1	10
94587	AX66	1	10
94676	AX67	1	10
94588	AX68	1	10
94677	AX69	1	10
94589	AX70	1	10
94590	AX71	1	10
94678	AX72	1	10
94591	AX75	1	10
94592	AX78	1	10
94679	AX79	1	10
94593	AX80	1	10
94594	AX85	1	10
94595	AX90	1	10
94596	AX96	1	10
94597	AX105	1	10



BX Cogged Raw Edge V-Belts

MARS NO.	MARS DESCRIPTION	CASE PACK	QTY.
94609	BX35	1	10
94610	BX36	1	10
94686	BX37	1	10
94611	BX38	1	10
94687	BX39	1	10
94612	BX40	1	10
94682	BX41	1	10
94613	BX42	1	10
94683	BX43	1	10
94614	BX45	1	10
94615	BX46	1	10
94616	BX48	1	10
94617	BX50	1	10
94618	BX51	1	10
94619	BX52	1	10
94620	BX53	1	10
94621	BX54	1	10
94622	BX55	1	10
94623	BX56	1	10
94624	BX58	1	10
94625	BX59	1	10
94626	BX60	1	10
94627	BX61	1	10
94628	BX62	1	10
94629	BX63	1	10
94630	BX64	1	10
94631	BX65	1	10
94632	BX66	1	10
94633	BX67	1	10
94634	BX68	1	10
94684	BX69	1	10
94635	BX70	1	10
94636	BX71	1	10
94685	BX73	1	10
94637	BX75	1	10
94638	BX77	1	10
94639	BX78	1	10
94640	BX79	1	10
94641	BX80	1	10
94642	BX81	1	10
94643	BX82	1	10
94644	BX83	1	10
94645	BX85	1	10
94646	BX90	1	10
94647	BX93	1	10
94648	BX95	1	10
94649	BX96	1	10
94652	BX100	1	10
94657	BX120	1	10
94658	BX124	1	10
94660	BX133	1	10
94663	BX150	1	10
94668	BX195	1	10



MARS V-Belts

MARS SERIES **941**

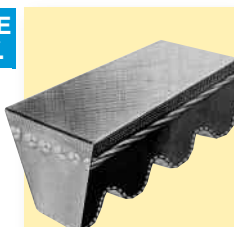


MARS Wedge V-Belts

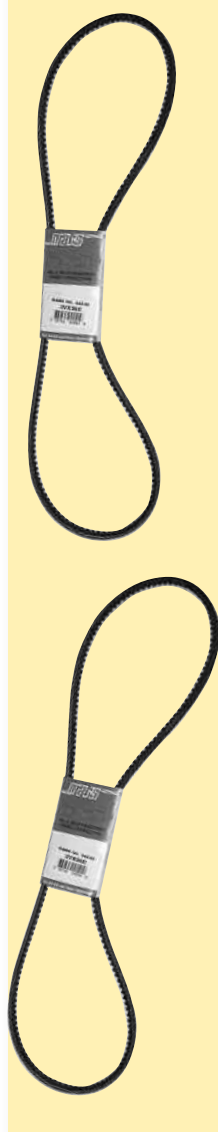
Air MARS Wedge V-belts allow for compact drives and higher (lower cost) RPM motors. These belts are oil and heat resistant and static conducting.

Wedge V-Belts 3VX-3/8" X 5/16" 5VX-5/8" X 7/32"

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
94530	3VX250	1	10
94536	3VX355	1	10
94540	3VX450	1	10
94541	3VX475	1	10
94542	3VX500	1	10
94544	3VX560	1	10
94545	3VX600	1	10
94546	3VX630	1	10
94547	3VX670	1	10
94548	3VX710	1	10
94549	3VX750	1	10
94550	3VX800	1	10
94551	3VX850	1	10
94552	3VX900	1	10
94553	3VX950	1	10
94554	3VX1000	1	10
94555	3VX1060	1	10
94680	5VX630	1	10
94681	5VX710	1	10



3/8"
3VX 5/16"



MARS Accu-Link Adjustable V-belts

Air MARS Wedge V-belts allow for compact drives and higher (lower cost) RPM motors. These belts are oil and heat resistant and static conducting.

- solves HVAC v-belt drive problems, quickly and accurately
- ideal temporary or permanent replacement for conventional rubber belts
- easy snap & twist assembly
- no special tools needed
- ideal for emergency repairs & replacements
- keep Accu-Link in every contractor truck and you will never be without a belt in any circumstance.
- 5 ft. sleeve

MARS Accu-Link Adjustable V-Belt

MARS NO.	DESCRIPTION	CASE PACK	QTY.
94670	3L Accu-Link	1	25
94671	A/4L Accu-Link	1	25
94672*	B/5L Accu-Link	1	25

* 6 foot sleeve





Air MARS Cross Reference Information

Enclosed you will find the AirMARS cross reference guide. It is the result of Motors & Armatures' on going commitment to provide the most complete information possible to wholesalers, contractors and service technicians so they may select a desired product quickly and accurately.

In compiling this cross reference, every effort has been made to insure the accuracy of the information, however, Motors & Armatures cannot accept responsibility for errors which may be caused by changes in part numbers, specifications or by typographical or clerical errors in preparation. Manufacturers' and suppliers' part numbers within this cross reference and catalog are shown for identification and reference purposes only.

AAON MARS		CARRIER MARS		CARRIER MARS		FASCO MARS		FASCO MARS		GEM MARS		GOODMAN MARS	
P47570	40053	LA01AB026	40105	LA01EA038	40352	2-6012	41118	4CL1423	40083	FBG10423L	40071	11182905	40380
		LA01AB200	40105	LA01RA027	40350	2-6013	41109	4CL1433	40087	FBG10423R	40070	150M00001P	40050
		LA01AB203	40378			2-6014	41110	4CL1433-4	40370	FBG10427L	40073	B1086756	40066
		LA01AB243	40387	EXCEL MARS		2-6018	41132	4CL1623	40089	FBG10427R	40072	B1086775	40054
10026601	40356	LA01AD021	40139	20391102	40343	2-6019	40705	4CL1633	40093	FBG10433L	40075	150M00001P	40050
10026801	40362	LA01AD022	40110	20391105	40355	2-6020	40709	4CL1827	40097	FBG10433R	40074	10625719	40352
41141001	40094	LA01AD027	40381	20391106	40352	2-6022	40721	4CL1830	40135	FBG12423L	40077	10625732	40046
41354001	40375	LA01AD028	40389	20391107	40047	2-6029	41101	4CL1833	40099	FBG12423R	40076	10625739	40357
41355001	40132	LA01AD030	40389	20391108	40100	2-6030	41105	4CL2026	40103	FBG12433L	40081	0150M00001P	40050
41518001	40100	LA01AD032	40120	20391109	40339	2-6032	41114	4CL2029	40138	FBG12433R	40080	150M00001P	40050
42686001	40343	LA01AH243	40113	20391110	40097	2-6033	41115	4CL2033	40105	FBT14423L	40083	B1086756	40066
44931001	40096	LA01AT183	40095	20391111	40099	2-6034	41131	4CL2223	40107	FBT14423R	40082	B1086764	40107
45582001	40340	LA01AU183	40155	20391112	40107	2-6037	40719	4CL2227	40109	FBT14433L	40087	B1086765	40109
100060-02	40382	LA01AX247	40145	100060-03	40339	2-6081	41105	4CL2235	40164	FBT14433R	40086	B1086771	40045
100060-03	40339	LA01EA025	40053	100060-19	40053	2-6083	41123	4CL2418	40144	FBT16423L	40089	B1086772	40358
100060-04	40042	LA01EA031B	40069			2-6085	41130	4CL2423	40113	FBT16423R	40088	B1086773	40054
100060-05	40099	LA01EA037	40352	FASCO MARS		2-6089	4703	4CL2427	40115	FBT16433L	40093	B1086775	40054
100060-07	40339	LA01EA121	40053	H10	40006	2-6090	40707	4CL2433	40117	FBT16433R	40092		
100060-08	40097	LA01EB025	40363	H5	40003	2-6091	40712	4CL2627	40119	FBT18227L	40308	Heatcraft MARS	
100060-09	40099	LA01EC019	40338	H6	40004	2-6092	40713	4CL2633	40121	FBT18327L	40044	22901101	40168
100060-10	40382	LA01EW024	40112	H8	40005	2-6093	40716	4CR1423	40082	FBT18327R	40043	5106B	40077
100060-13	40107	LA01EW025	40110	STB1	40230	2-6107	40732	4CR1433	40086	FBT18333L	40046	5108C	40083
		LA01EW041	40058	STB2	40232	2-6108	40746	4CR1433-4	40369	FBT18333R	40045	5109B	40089
Armstrong MARS		LA01EW044	40058	STB3	40231	2CL1827	40308	4CR1623	40088	FBT18427L	40097	5110B	40091
46238001	40151	LA01EW050	40328	STB4	40234	2CL2025	40313	4CR1633	40092	FBT18427R	40096	5111B	40093
46239001	40042	LA01LA019	40049	STB5	40235	2CL2227	40320	4CR1633-4	40372	FBT18430L	40135	5113A	40097
46240001	41821	LA01LA024	40057	STB6	40237	3CL1433-4	40329	4CR1827	40096	FBT18430R	40134		
100060-02	40382	LA01LA026	40362	STB7	40238	3CL1827	40044	4CR1830	40134	FBT18433L	40099	HTP Group MARS	
100060-03	40339	LA01LB016	40068	STB8	40239	3CL1830	40066	4CR1833	40098	FBT18433R	40098	08221154	40381
100060-04	40042	LA01RA015	40340	STBP5	40240	3CL1833	40046	4CR1833-4	40376	FBT20225L	40313	LAU MARS	
100060-05	40099	LA01RA025	40350	STBP6	40242	3CL2024	40048	4CR2026	40102	FBT20324R	40047	008276-16	41533
100060-07	40339	LA01RA028B	40352	STBP7	40244	3CL2028	40050	4CR2029	40137	FBT20328R	40049	008360-10	41509
100060-08	40097	LA01RA038A	40053	STBP8	40241	3CL2031	40068	4CR2033	40104	FBT20331R	40067	008360-12	41510
100060-09	40099	LA01RA320	40049	STBP9	40245	3CL2230	40024	4CR2033-4	40378	FBT20426L	40103	008360-16	41511
100060-10	40382	LA01RA321	40049	1-6002	40615	3CL2233-4	40357	4CR2223	40106	FBT20426R	40102	008361-12	41507
100060-13	40107	LA01RA323	40057	1-6010	40624	3CL2235	41802	4CR2227	40108	FBT20429L	40138	008362-12	41508
39062B001	40154	LA01RA324	40057	1-6038	40551	3CL2426	40058	4CR2235	40110	FBT20429R	40137	008403-16	41520
BARD MARS		LA01RA329	40362	1-6040	40555	3CL2426	40058	4CR2418	40143	FBT20433L	40105	008507-16	41514
5151048	40138	LA01RA331	40352	1-6041	40554	3CL2433	40060	4CR2423	40112	FBT20433R	40104	008519-12	41502
		LA01RA332	40069	1-6042	40557	3CL2433-4	40361	4CR2427	40114	FBT22331R	40053	008621-12	41501
CARRIER MARS		LA01RA333	41801	1-6043	40556	3CR1433-4	40328	4CR2433	40116	FBT22427R	40108	008747-16	41525
LA01RA042	40358	LA04LA161	40372	1-6045	40557	3CR1633-4	40333	4CR2627	40118	FBT22435R	40110	009867-16	41517
LA01AA015	40096	LA04LA200	40379	1-6051	40562	3CR1827	40043	4CR2633	40120	FBT24326L	40058	013316-02	41333
LA01AA019	40375	LA05LA016	40331	1-6052	40565	3CR1830	40065	4CR3038	40207	FBT24326R	40057	013316-06	41332
LA01AA022	40164	LA05LA021	40049	1-6058	40623	3CR1833	40045	4CR4238	40213	FBT24427L	40115	013317-01	41329
LA01AA023	40378	LA580524	40347	1-6060	40621	3CR1833-4	40343	4CR4838	40215	FBT24427R	40114	013317-04	41328
LA01AA026	40379	LA580530	40387	1-6061	40629	3CR2024	40047	4CR5438	40218	FBT24433R	40116	013322-03	41335
LA01AA177	40338	LA680506	40051	1-6063	40630	3CR2028	40049	4CR6038	40220	FBT26427R	40119	013323-01	41331
LA01AA179	40404	LA680517	40135	1-6064	40631	3CR2031	40067	4FL1033	40075			013324-01	41327
LA01AA198	40049	LA680518	40101	1-6070	40637	3CR2230	40069	4FL1223	40077	GOODMAN MARS		013324-02	41326
LA01AA199	40349	LA680522	40054	1-6071	40638	3CR2233-4	40356	4FL1233	40081	10625715	40307	013325-01	41323
LA01AA201	40049	LA680525	40100	1-6113	40560	3CR2235	41801	4FR1033	40074	10625721	40065	013326-01	41318
LA01AB017	40101	LA680527	40356	1-6114	40561	3CR2426	40057	4FR1223	40076	10625731	40357	013326-02	41317
LA01AB018	40135	LA680528	40139	1-6133	40563	3CR2433	40059	4FR1233	40080	10625733	40054	013326-14	41321
LA01AB019	40105	LA680538	40166	1-6141	40564	3CR2433-4	40360			10625739	40357	013327-01	41314
LA01AB022	40105	LA680562	40118	1-6143	40570	4CL1223	40082			10650802	40363		



The largest selection of motors, components and accessories for the HVAC/R Industry

AM-41



Air MARS Cross Reference Information

Magnetek MARS		RHEEM MARS		TORIN MARS		TORIN MARS	
6-4408	40108	702185906	40319	14234	40082	2760712	40077
6-4409	40109	704203501	40138	14238	40083	2760732	40081
6-4410	40139	7010132302	40312	14334	40086	2760742	40082
6-4412	40114	7010132307	40052	14338	40087	2760752	40083
6-4413	40115	7010132306	40320	16234	40088	2760762	40086
6-4414	40116	7010132309	40315	16238	40089	2760772	40087
6-4415	40117			16334	40092	2760782	40088
6-4416	40118	Springer MARS		16338	40093	2760792	40089
6-4418	40120	17601025	40338	18273	40043	2760802	40092
6-4595	07481	17601026	40053	18274	40096	2760812	40093
6-4597	07581	17604220	40053	18277	40044	2760822	40104
6-4598	07582			18278	40097	2760832	40105
6-4601	07583	TORIN MARS		18304	40134	TRANE MARS	
6-4605	07591	B-2026-4CCW	40102	18308	40135	X38010305010	40069
6-4606	07592	B-2029-4CCW	40138	18324	40098	X38010307050	40139
6-4609	07593	B-2227-4CW	40114	18328	40099	X38010309040	40098
6-4610	07594	B-2236-4CW	40110	18343	40045	X38010330010	40379
6-4611	07595	B-2427-3CW	40057	20234	40046	YORK MARS	
6-4612	07596	B-2427-4CCW	40115	20243	40047	02628198000	40096
6-4941	40308	B-2427-4CW	40117	20264	40137	02629094000	40380
6-4942	40313	B-2434-4CW	40116	20268	40103	02634091000	40305
6-4944	40320	B-2628-4CW	40119	20283	40049	02634092000	40045
6-5737	40143	B-2727-3CCW	40058	20294	40104	02634093000	40356
MODINE MARS		N-1024-4CCW	40071	20298	40138		
5H57845C0104	40033	N-1024-4CW	40070	20313	40067		
5H57847C0104	40082	N-1027-4CCW	40073	20334	40105		
5H58108C0104	40335	N-1027-4CW	40072	22274	40108		
5H63036C0101	40061	N-1033-4CCW	40075	22313	40053		
5H63038C0104	40332	N-1033-4CW	40074	22364	40110		
5H70435B0104	40057	N-1223-4CCW	40077	24273	40057		
5H63039B0104	40375	N-1223-4CW	40076	24274	40114		
5H63980C0104	40069	N-1233-4CCW	40081	24278	40115		
5H73833B0101	40061	N-1233-4CW	40080	24344	40116		
5H73834B0104	40031	N-1423-4CCW	40083	26284	40119		
5H73835B0101	40033	N-1423-4CW	40082	2700602	40043		
5H73835B0104	40033	N-1433-4CCW	40087	2700612	40044		
5H73835B0104	40033	N-1433-4CW	40086	2700642	40045		
5H73840B0104	40378	N-1623-4CCW	40089	2700652	40046		
NORDYNE MARS		N-1623-4CW	40088	2700662	40047		
667303	40057	N-1633-4CCW	40093	2700682	40049		
667309	40375	N-1633-4CW	40092	2700702	40067		
667315	40335	N-1827-3CCW	40044	2700722	40053		
667323	40100	N-1827-3CW	40043	2700762	40057		
667355	40049	N-1827-4CCW	40097	2700772	40058		
667356	40349	N-1827-4CW	40096	2700802	40096		
667359	40358	N-1830-4CCW	40135	2700812	40097		
6672780	40067	N-1830-4CW	40134	2700822	40134		
6672790	40049	N-1832-4CCW	40099	2700832	40135		
6672820	40102	N-1832-4CW	40098	2700842	40098		
6673180	40376	N-1834-3CW	40045	2700852	40099		
667206D	40103	N-2023-4CW	40102	2700862	40103		
667212C	40359	N-2024-3CW	40047	2700882	40137		
667212D	40359	N-2026-4CW	40137	2700892	40138		
667261C	40335	N-2028-3CW	40049	2700912	40138		
667262B	40065	N-2031-3CW	40067	2700922	40108		
667312A	40387	N-2033-4CCW	40105	2700942	40110		
RHEEM MARS		N-2033-4CW	40104	2700962	40114		
702060801	40321	N-2231-3CW	40053	2700972	40115		
704226801	40024	10334	40074	2700982	40116		
701989703	40323	10338	40075	2760212	40075		
701989704	40058	12234	40076	2760262	40080		
702185905	40308	12238	40077	2760462	40119		
		12334	40080	2760682	40074		
		12338	40081	2760702	40076		



Air MARS Special Orders

Special order requirements can be a way to provide an extra level of service to your customers. Motors & Armatures Inc. encourages our wholesale customers to take advantage of the opportunity to place special orders for Air MARS products that are not in this catalog.

Special orders are processed as separate production runs by the factory. A minimum quantity will always be required. In most cases, the minimum will be 25 pieces. Because special orders are non-stock items, once ordered they are non-cancellable. Also, special orders are not returnable.

Quotes normally take 3 to 4 working days to process. Following is check list for various Air MARS components.

Direct Drive Wheels

- ☐ Diameter
- ☐ Width
- ☐ Material (aluminum, steel?)
- ☐ Rotation
- ☐ Type of hub & bore
- ☐ Finish (galvanized, paint?)
- ☐ Assembly (housing?)
- ☐ Construction (strip or tablock?)

Small Blower Wheels

- ☐ Diameter
- ☐ Width
- ☐ Bore
- ☐ Material (Aluminum Steel, etc.)
- ☐ Single or Double Inlet?
- ☐ Construction
- ☐ Assembly
- ☐ Back Plate Configuration

Fan Blades

- ☐ Diameter
- ☐ Pitch
- ☐ Number of Wings
- ☐ Material
- ☐ Hub Type (attached, adapter, bushing?)
- ☐ Bore
- ☐ Construction

Important Note:

Because special orders cannot be returned, it is highly recommended that your customer signs off on the check list specifications before the order is entered with the factory.