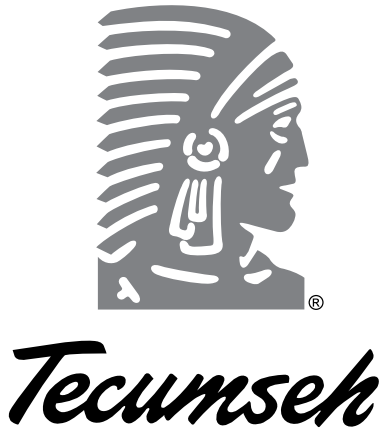




Fan Motor Fast Reference

Wholesale Distribution
North America



Compressor Replacement Guides and Fast References

This document is not to be used as a drop-in replacement guide. The cross-reference is offered to use as a tool to help identify potential replacement options based on performance fit. Mounting and tubing connections are likely to differ from original installation. With use, system performance parameters will most likely have changed from initial specifications. Careful review of current application requirements is essential. **IT IS THE RESPONSIBILITY OF THE SERVICE PERSON TO ASSURE THEY HAVE PURCHASED A REPLACEMENT PRODUCT WHICH MEETS THE NEED OF THE APPLICATION.** Failure to do so may result in misapplication requiring immediate or subsequent additional compressor replacement.



Electrical Service Parts Fan Motor (TFM) Reference

Model No.	Part No.	Rating (1)	Volt/Hz/Ph	RPM	RLA	Min. Lead Length (in)	Shaft Size (in) (2)	Frame Diameter (in) (3)	Overall Length (in) (4)
TFM41	810M005B43	5 Watt	115/60/1	1500	.50	24	1/4 TD X 7/16	3-1/2	3-1/2
TFM61	810M006A76	6 Watt	115/60/1	1500	.50	30	1/4 TD X 7/16	3-1/2	3-1/2
TFM62	810M006B56	6 Watt	230/60/1	1500	.28	30	1/4 TD X 7/16	3-1/2	3-1/2
TFM91	810M009A78	9 Watt	115/60/1	1500	.67	36	1/4 TD X 7/16	3-1/2	4
TFM191*	810E019A80	19 Watt	115/60/1	1500	1.28	28	5/16 TD X 2	4	7 1/2
TFM92	810M009A79	9 Watt	230/60/1	1500	.36	36	1/4 TD X 7/16	3-1/2	4
TFM262**	810E026A81	1/12 HP	230/60/1	1500	.86	25	5/16 X 1-3/4	4	7
TFM351*	810M035C03	35 Watt	115/60/1	1500	1.40	18	1/4 TD X 7/16	3-7/8	4-1/4
TFM352	810M035C02	35 Watt	230/60/1	1500	.70	18	1/4 TD X 7/16	3-7/8	4-1/4
TFM372	810E037A84	1/20 HP	230/60/1	1500	1.10	29	5/16 X 2-1/2	5	6-7/8
TFM502	810E050A85	1/15 HP	230/60/1	1500	1.40	35	5/16 X 2-1/2	5	7-1/8
TFM1862	810E186A82	1/4 HP	230/60/1	1625	1.90	40	1/2 X 2-3/16	5-5/8	7-1/2
TFM1864	810E186A83	1/4 HP	460/60/1	1625	.80 .95	40	1/2 X 2-3/16	5-5/8	7-1/2

* Obsolete

** May not work on all pedestal mount applications

1. All are CW rotation viewing from end opposite shaft.
2. Diameter X length (TD is threaded; all others round with flat).
3. Maximum diameter of motor casing
4. Maximum length including shaft.

The ESP Fan Motor model number has the following meaning:

TFM = Tecumseh Fan Motor

First one, two, or three digits = Electrical rating in watts

Last Digit = Voltage 1 is 115/60/1, 2 is 230/60/1, 4 is 460/60/1

Example: TFM 351 is 35 watts, 115V volts

Current Production Fan Motor Reference

Part No.	Type Of Motor Protection	HP	Watt	Volts	Hertz	Phase	RLA	LRA	RPM	Type
810M035A28	THERMAL		35	230	60	1	0.70	0.95	1500	SP
810M035A30	THERMAL		23.2	230	50	1	0.54	0.65	1250	SP
810M050A62	THERMAL		50	230	60/50	1	0.85	1.30	1500	SP
810E006A76	THERMAL		6	115	50/60	1	0.50	0.64	1300/1500	SP
810E026A81	THERMAL	1/12		230	50/60	1	1.30	1.60	1300/1500	SP
810E186A82	THERMAL	1/4		230	50/60	1	1.90	4.50	1350/1625	PSC
810E186A83	THERMAL	1/4		380 420/460	50 60	1	0.80 0.95	2.40	1350/1625	PSC
810E037A84	THERMAL	1/20		230	50/60	1	1.10	1.65	1300/1500	SP
810E050A85	THERMAL	1/15		230	50/60	1	1.40	2.40	1300/1500	SP
810S050A99	THERMAL	1/5		230	60/50	1	1.00	2.00	1500/1300	SP
810S124B38	THERMAL	1/6		230	60/50	1	1.35	3.00	1350/1550	PSC
810S373B41	THERMAL	1/2		230	60	1	3.40	9.90	1625	PSC
810F249B52	THERMAL	1/3		460	60/50	3	0.64	2.74	1600/1400	SP
810M035B69	THERMAL		35	115	60	1	1.40	1.90	1500	SP
810M035C02	THERMAL		35	230	60	1	0.70	0.95	1500	SP
810M009C09	IMPEDANCE		9	115	60/50	1	0.53	0.94		SP
810F050C20	THERMAL		50	230	60/50	1	0.70	1.00		PSC
14948615	THERMAL		100	230	60/50	1	0.70	1.00		PSC
6W115	IMPEDANCE		6	115	60	1	0.41		1550	SP
6W230	IMPEDANCE		6	230	60	1	0.20		1550	SP
9W115	THERMAL		9	115	60/50	1	0.58		1550/1300	SP
9W230	THERMAL		9	230	60/50	1	0.35		1550/1300	SP



Original Motor Part No.	Replacement Part No.	Replacement Model No.	Comments
81002-1R	810M009A79	TFM92	
81002-A	810M005B43	TFM41	
81003-10A	810M009A78	TFM91	
81003-11A	810M009A78	TFM91	
81003-12A	810M009A78	TFM91	
81003-13A	810M009A78	TFM91	
81003-14A	810M009A78	TFM91	
81003-15A	810M009A78	TFM91	
81003-1A	810M009A78	TFM91	
81003-2A	810M009A78	TFM91	
81003-4A	810M009A78	TFM91	
81003-5A	810M009A78	TFM91	
81003-7A	810M009A78	TFM91	
81003-9A	810M009A78	TFM91	
81003-A	810M009A78	TFM91	
81009-A	810M009A78	TFM91	
81014-A	810M005B43	TFM41	
81015-1R	810M009A79	TFM92	
81015-2R	810M009A79	TFM92	
81015-3R	810M009A79	TFM92	
81015-4R	810M009A79	TFM92	
81015-R	810M009A79	TFM92	
81016-A	810E019A80	TFM191	Obsolete
81017-R	810E026A81	TFM262	
81018-A	810M009A78	TFM91	
81019-1A	810M006A76	TFM61	
81019-A	810M006A76	TFM61	
81020-1R	810M006B56	TFM62	
81020-R	810M006B56	TFM62	
81022-2R	810M009A79	TFM92	
81022-3R	810M009A79	TFM92	
81022-4R	810M009A79	TFM92	
81022-5R	810M009A79	TFM92	
81022-6B	810M009A79	TFM92	
81022-7B	810M009A79	TFM92	
81022-R	810M009A79	TFM92	
81027-A	810M005B43	TFM41	
81031-A	810M005B43	TFM41	
81033-R	K43-3	K43-3	Obsolete
81034-B	810M006B56	TFM62	
81037-B	810M006B56	TFM62	
81038-R	810E037A84	TFM372	
81039-R	810E050A85	TFM502	
81040-R	810E026A81	TFM262	
81041-R	810E026A81	TFM262	
81044-R	810E026A81	TFM262	
81049-R	810E026A81	TFM262	
81052-B	810E186A82	TFM1862	
81053-B	810E186A82	TFM1862	
81054-1A	810M009A78	TFM91	
81054-A	810M009A78	TFM91	
81058-B	810E050A85	TFM502	
81062-1B	810E026A81	TFM262	



Original Motor Part No.	Replacement Part No.	Replacement Model No.	Comments
81062-B	810E026A81	TFM262	
81063-B	810M050A62	810M050A62	No TFM
81064-1A	810M006A76	TFM61	
81064-2A	810M006A76	TFM61	
81064-A	810M006A76	TFM61	
81065-A	810M005B43	TFM41	
81066-B	810E026A81	TFM262	
81067-A	810M006A76	TFM61	
81069-1A	810M009A78	TFM91	
81069-2A	810M009A78	TFM91	
81069-A	810M009A78	TFM91	
81070-A	810M006A76	TFM61	
81071-B	810E026A81	TFM262	
81076-A	810M006A76	TFM61	
81078-A	810M006A76	TFM61	
81079-A	810E019A80	TFM191	Obsolete
81080-B	810M006B56	TFM62	
81081-A	810E019A80	TFM191	Obsolete
81082-B	810E026A81	TFM262	
81084-P	K43-4	K43-4	
81085-A	810M005B43	TFM41	
81086-B	810M006B56	TFM62	
81087-B	810M006B56	TFM62	
81088-B	810M006B56	TFM62	
81089-B	810M006B56	TFM62	
81090-P	810E186A83	TFM1864	
81091-R	810M035C02	TFM352	
81092-P	810G050C08	810G050C08	Obsolete
81093-P	810M035C02	TFM352	
81094-A	810M035B69	810M035B69	No TFM
81095-A	810M006A76	TFM61	
81099-A	810M006A76	TFM61	
810A00-G	810M006B56	TFM62	
810A03-A	810M006A76	TFM61	
810A04-A	810M009A78	TFM91	
810A05-1B	810M035C02	TFM352	
810A06-1A	810M035B69	810M035B69	No TFM
810A10-B	810M035C02	TFM352	
810A12-G	810M035A30	810M035A30	No TFM
810A13-G	810M009A79	TFM92	
810A14-G	810M009A79	TFM92	
810A15-G	810M009A79	TFM92	
810A16-G	810M009A79	TFM92	
810A17-A	810M006A76	TFM61	
810A18-A	810M009A78	TFM91	
810A21-1B	810M009A79	TFM92	
810A21-B	810M009A79	TFM92	
810A22-A	810M006A76	TFM61	
810A23-A	810M006A76	TFM61	
810A24-B	810M009A78	TFM91	
810A25-1A	810M006A76	TFM61	
810A25-A	810M006A76	TFM61	
810A26-B	810M006B56	TFM62	



Original Motor Part No.	Replacement Part No.	Replacement Model No.	Comments
810A28-B	810M009A79	TFM92	
810A30-G	810M035A30	810M035A30	No TFM
810A31-B	810G050C08	810G050C08	Obsolete
810A35-A	810M009A78	TFM91	
810E004A64	810M005B43	TFM41	
810E004A66	810M006B56	TFM62	
810E004A75	810M005B43	TFM41	
810E004A76	810M006A76	TFM61	
810E006A65	810M006A76	TFM61	
810E006A67	810M006B56	TFM62	
810E006A68	810M006A76	TFM61	
810E006A77	810M006B56	TFM62	
810E009A71	810M009A79	TFM92	
810E009A72	810M009A78	TFM91	
810E009A78	810M009A78	TFM91	
810E009A79	810M009A79	TFM92	
810E019A73	810E019A80	TFM191	Obsolete
810E019A80	810E019A80	TFM191	Obsolete
810E026A74	810E026A81	TFM262	
810E026A81	810S026A81	TFM262	
810E037A69	810E037A84	TFM372	
810E037A84	810E037A84	TFM372	
810E050A70	810E050A85	TFM502	
810E050A85	810E050A85	TFM502	
810E124A51	810E186A82	TFM1862	
810E124A59	810E186A82	TFM1862	
810E124B34	810E186A82	TFM1862	
810E186A52	810E186A83	TFM1864	
810E186A53	810E186A82	TFM1862	
810E186A60	810E186A83	TFM1864	
810E186A61	810E186A82	TFM1862	
810E186A82	810E186A82	TFM1862	
810E186A83	810E186A83	TFM1864	
810E186B35	810E186A83	TFM1864	
810E186B36	810E186A82	TFM1862	
810E249A88	810F249B52C	810E249A88	Obsolete
810E373A86	810S373B41	810S373B41	No TFM
810E373B37	810S373B41	810S373B41	No TFM
810F050B51	810F050B51C	810F050B51C	No TFM
810F249B52	810F249B52C	810E249A88	Obsolete
810G004A63	810M005B43	TFM41	
810G006A12	810M006A76	TFM61	
810G006A13	810M006A76	TFM61	
810G006A14	810M006B56	TFM62	
810G006A15	810M006B56	TFM62	
810G006A22	810M006A76	TFM61	
810G006A23	810M006B56	TFM62	
810G006A93	810M006B56	TFM62	
810G006A94	810M006A76	TFM61	
810G009A11	810M009A79	TFM92	
810G009A24	810M009A78	TFM91	
810G009A25	810M009A79	TFM92	
810G009A92	810M009A78	TFM91	



Original Motor Part No.	Replacement Part No.	Replacement Model No.	Comments
810G009A95	810M006B56	TFM62	
810G009A96	810M009A79	TFM92	
810G009A97	810M009A78	TFM91	
810G009B24	810M009A78	TFM91	
810G009B25	810M009A79	TFM92	
810G009B26	810M009A79	TFM92	
810G026C10	810G026C10	810G026C10	Obsolete
810G037A20	810M050A62	810M050A62	
810G037A47	810F050B51C	810F050B51C	
810G037A48	810M050A62	810M050A62	
810G037C09	810F050B51C	810F050B51C	
810G050A39	810G050C08	810G050C08	Obsolete
810G050A49	810F050B51C	810F050B51C	
810G050A50	810E050A85	TFM502	
810G050C08	810F050B51C	810G050C08	Obsolete
810G120A37	810F050B51C	810F050B51C	
810G124A34	810E186A82	TFM1862	
810G124A45	810E186A82	TFM1862	
810G124B30	810E186A82	TFM1862	
810G186A33	810E186A83	TFM1864	
810G186A35	810E186A82	TFM1862	
810G186A44	810E186A83	TFM1864	
810G186A46	810E186A82	TFM1862	
810G186B31	810E186A83	TFM1864	
810G186B32	810E186A82	TFM1862	
810G249A89	810E249A88	810E249A88	Obsolete
810G373A90	810S373B41	810S373B41	No TFM
810M004A01	810M005B43	TFM41	
810M004A02	810M005B43	TFM41	
810M004A03	810M006B56	TFM62	
810M005B43	810M005B43	TFM41	
810M005B44	810M006B56	TFM62	
810M005B53	810M005B43	TFM41	
810M005B54	810M006B56	TFM62	
810M006A04	810M006A76	TFM61	
810M006A06	810M006A76	TFM61	
810M006A07	810M006B56	TFM62	
810M006A10	810M006A76	TFM61	
810M006A16	810M006A76	TFM61	
810M006A17	810M006A76	TFM61	
810M006A18	810M006B56	TFM62	
810M006A19	810M006B56	TFM62	



Original Motor Part No.	Replacement Part No.	Replacement Model No.	Comments
810M006B20	810M006A76	TFM61	
810M006B21	810M006B56	TFM62	
810M006B45	810M006A76	TFM61	
810M006B46	810M006B56	TFM62	
810M006B55	810M006A76	TFM61	
810M006B56	810M006B56	TFM62	
810M009A09	810M009A79	TFM92	
810M009A26	810M009A78	TFM91	
810M009A98	810M009A78	TFM91	
810M009B10	810M009A79	TFM92	
810M009B22	810M009A79	TFM92	
810M009B23	810M009A78	TFM91	
810M009B28	810M009A79	TFM92	
810M009B47	810M009C08	TFM92	
810M009B48	810M009A78	TFM91	
810M009B49	810M009C08	TFM92	
810M009B57	810M009A78	TFM91	
810M035A21	810M035A21	810M035A21	Obsolete
810M035A28	810M035A28	TFM352	
810M035A29	810M035B69	810M035B69	
810M035A30	810M035A30	810M035A30	No TFM
810M035B58	810M035C02	TFM352	
810M035B59	810M035B69	810M035B69	
810M035B60	810M035B60	810M035B60	Obsolete
810M035C03	810M035B69	810M035B69	No TFM
810M050A32	810E037A84	TFM372	
810M050A62	810M050A62	810M050A62	No TFM
810R124B17	810E186A82	TFM1862	
810R186B15	810E186A82	TFM1862	
810R373B18	810S373B41	810S373B41	No TFM
810S037B01	810E037A84	TFM372	
810S050A99	810E050A85	TFM502	
810S124B38	810E186A82	TFM1862	
810S186B39	810E186A83	TFM1864	
810S186B40	810E186A82	TFM1862	
810S373B41	810S373B41	810S373B41	No TFM



Fan Guards

Part Number	Where Used	Description	Height (in)	Width (in)
70769-4	AH	Steel Wire 2 top holes	12-7/16	13
70785-2	AJ	Steel Wire 4 side holes	10-1/8	13-15/16
70830-1	AJ-AH	Steel Grill 4 side holes	9-1/2	8-5/16
70837-2	AE	Steel Wire 4 side holes	8-1/4	11-3/4
70845-2	AE	Steel Wire 4 side holes	7-15/16	11-13/16
70846-2	AE	Steel Wire 4 side holes	9-1/8	6-1/16
70847-1	AE	Steel Wire 4 side holes	9-3/16	9-3/8
70954	AE	Steel Wire 4 side holes	9-15/16	8-3/4
70959	AK	Steel Wire 4 side holes	10-1/8	13-7/8
71020	AJ-AK	Angled Steel Wire 2 top 2 side	11-7/8	13-3/16
71043	AK	Steel Wire 4 side holes	10-1/8	13-3/4
71062	AW	Sq. Steel Wire 4 side holes	12-1/4	14

Circular Fan Guards

Part Number	Where Used	Description	Height (in)	Width (in)
70831	AH-AV-AW	Steel-Circular Bolt Centers	16-1/3	16-1/3
70832	AG-AH-SA	Steel-Circular Bolt Centers	20-1/2	20-1/2

Special Molded Plastic Fan Mount/Guard Assemblies

Part Number	Used On	Description	Height (in)	Width (in)
116-001P	CELSEON	Plastic Molded-Shroud and Gaurd	9-1/2	10-1/4
71030-GB	Evap Condensate	Plastic Molded-Guard	9	8
71030-GS	Evap Condensate	Plastic Molded-Guard	9	8



Fan Blades

Part Number	Hub Mount	Hub Size (in)	Rotation	Blade Diameter (in)	Blade Depth (in)	Number of Blades	Pitch	Replaces
51528-3	Yes	1/2	CW	18	2-13/16	3	23°	51528-2
51529-3	Yes	1/2	CW	18	2-3/8	3	19°	51529-2
51533-3	Yes	5/16	CW	14	1-7/8	5	16°	51533-2
51541-1	No	1/4	CW	10-3/4	3- /16	4	34°	
51559-2	No	1/4	CW	7-3/8	1-15/16	5	37°	51559
51561-1	No	1/4	CW	7-3/4	1-3/4	5	33°	51561, 51531-2
51563	Yes	5/16	CW	12	2-3/16	5	24°	51534-1
51564-1	No	1/4	CW	9	1-5/8	5	30°	51551, 51564
51566	No	1/4	CW	6	1-5/16	5	29°	
51567	No	1/4	CW	8-3/4	1-7/16	5	26°	51510, 51536, 51558
51568-1	Yes	5/16	CW	14	1-3/4	3	18°	51556, 51568
51569	No	1/4	CW	10	2	2	38°	
51572	No	1/4	CW	10	1-3/16	5	21°	
5151824A02	Yes	1/2	CW	18	3-7/16	4	27°	
5151828A01	Yes	1/2	CW	18	4	4	27°	

Part Number	Hub Mount	Hub Size (in)	Rotation	Blade Diameter (in)	Blade Depth (in)	Number of Blades	Pitch
4VEA009/A	Yes	7/32	CW	7-7/8	3-3/4	5	28°
4VEA010/A	Yes	7/32	CW	7-7/8	2	5	34°

Clockwise as viewed from the motor side.

Evaporative Condensate Unit Fan Assembly Replacement Kits

Part Number	Description
XFBG-106	Fan Motor, Blade & Guard Assy 6W 115V
XFBG-109	Fan Motor, Blade & Guard Assy 9W 115V
XFBG-206	Fan Motor, Blade & Guard Assy 6W 230V
XFBG-209	Fan Motor, Blade & Guard Assy 9W 230V
XFBGS-106	Fan Motor, Blade, Guard & Shroud Assy 6W 115V
XFBGS-109	Fan Motor, Blade, Guard & Shroud Assy 9W 115V
XFBGS-206	Fan Motor, Blade, Guard & Shroud Assy 6W 230V
XFBGS-209	Fan Motor, Blade, Guard & Shroud Assy 9W 230V



Fan Shrouds*

Part Number	Used On	Type	Material	Diameter (in)	Height (in)	Width (in)
70611-1	AH-AG-SA	Double	Steel	18-5/8	25-1/4	42-1/4
70648-2	AH-AG-AV-AW	Double	Metal	14-1/2	18-1/8	29-7/8
70651-1	AH-AJ	Single	Steel	10-1/2	12-3/8	14
70701	AE-AJ	Single	Paperboard	9-1/4	10-3/16	11-1/8
70724-2	AJ	Single	Metal	11-5/16	12	13-5/32
70727-2	AH	Single	Steel	14-1/2	15-7/32	17-5/32
70735-1	AE	Single	Paperboard	9-1/4	9-1/4	9-1/4
70736-1	AH-AK-AW	Single	Steel	12-5/16	12-3/8	17-1/4
70766-1	AJ	Single	Paperboard	9-1/4	10-3/32	13-1/8
70766-2	AK	Single	Paperboard	9-1/-4	10-3/32	13-1/8
70854	AE	Single	Paperboard	8-1/4	8-1/5	16-15/16
70883	AN-SF	Double	Steel	18-1/2	33-1/8	42-7/16
70955	AE	Single	Paperboard	8-5/16	10-3/16	8-1/2
70968	AE	Single	Paperboard	8-5/16	12-7/8	16-3/4
71032	AE-AK	Single	Plastic	8-1/4	31-5/8	19-3/8
71034	AK	Single	Plastic	9-1/-4	15-1/8	15-7/8
108-G001	AE CELSEON	Single	Plastic	8	11	2-3/4
71030-GS	Evap Condensate	Single	Plastic Molded	8.00	9	8

*All dimensions depict the shroud in the flat position

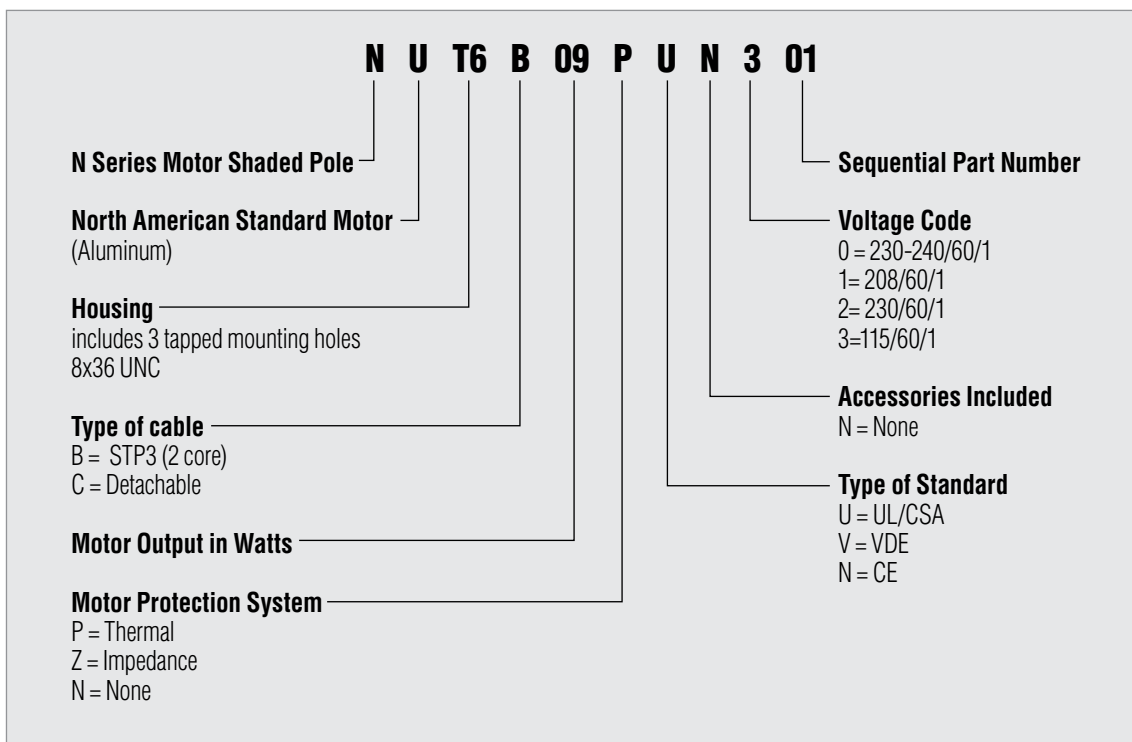
Fan Brackets

Part Number	Used On	Style	Approximate Size (in)
57144	AJ-AK	Pad Mount	6 x 4-3/32
57145	AE	Pad Mount	6 x 2-5/8
57153	AE-AJ-AK	Pad Offset	6 x 3-5/64
57155	AE-AJ	Pad Mount	6 x 3-1/2
57155-1	AE-AJ	Pad Mount	6 x 3-1/2
57155-2	AE-AJ	Pad Mount	6 x 3-1/2
57156	AE	Pad Mount	6 x 2-3/16
57158	AJ	Pad Mount	6 x 3-3/32
57598	AH	Pad Mount	6 x 4-11/32
57627-1	AZ	Pad Mount	6 x 1-1/4



Part Number	Description
2W115	FAN MOTOR 2 WATTS, 115/60/1, NUT6B02ZUN301
4W115	FAN MOTOR 4 WATTS, 115/60/1, NUT6B04ZUN301
4W230	FAN MOTOR 4 WATTS, 230/60/1, NUT6B04ZUN201
6W115	FAN MOTOR 6 WATTS, 115/60/1, NUT6B06ZUN301
6W230	FAN MOTOR 6 WATTS, 230/60/1, NUT6B06ZUN201
9W115	FAN MOTOR 9 WATTS, 115/60/1, NUT6B09ZUN301
9W230	FAN MOTOR 9 WATTS, 230/60/1, NUT6B09ZUN201
16W115	FAN MOTOR 16 WATTS, 115/60/1, NUT6B16ZUN301
16W230	FAN MOTOR 16 WATTS, 230/60/1, NUT6B16ZUN201
25W115	FAN MOTOR 25 WATTS, 115/60/1, NUT6B25ZUN301
25W230	FAN MOTOR 25 WATTS, 230/60/1, NUT6B25ZUN201
35W115	FAN MOTOR 35 WATTS, 115/60/1, NUT6B35ZUN301
35W230	FAN MOTOR 35 WATTS, 230/60/1, NUT6B35ZUN201
50W230	FAN MOTOR 50 WATTS, 230/60/1, NUT6B50ZUN201

Exceptional Value Short Lead Times





Notes

[illegible]



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