

General Purpose, Three Phase

Totally Enclosed, Standard and EAct Efficiencies



THREE PHASE



Applications: General purpose use on pumps, fans, blowers, compressors, conveyors, and other industrial machinery installed in damp, dusty, or dirty environments. Additionally, cast iron frame motors may be suitable for the process industries.

- Features:**
- 1.15 Service Factor
 - Nameplated 60/50 hertz at next lowest horsepower
 - Will accept C-Face Kits as noted, also see Accessories section
 - Severe duty kits available, see Accessories section
 - Shaft slinger, regreasable bearings (182T and larger), lead lugs (364T and larger), and bearing caps on 444T and larger
 - Ball bearings, except where noted
 - UL Recognized and CSA Certified
 - Two year warranty on EAct efficient motors (bold blue Catalog Numbers)



Rigid Base

Suitable for use on VFD per guidelines on page 14.

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C-FACE KITS
3/4	1200	208-230/460	143T	H457	143TTFN8076	★	2:1	\$347	E6	74.0	3.1-3.2/1.6	12.04	68	A603
1	1800	200	143T	E825	143TTTN4028		1000:1	\$342	E1	82.5	3.7	10.43	N	A603
	1800	208-230/460	143T	E826	143TTTC4026	★	1000:1	\$342	E1	85.5	3.2-3.0/1.5	10.43	DS,N,68	A603
	1800	575	143T	E828	143TTTN4030	★	1000:1	\$342	E1	82.5	1.3	10.43	d,N	A603
	1200	230/460	145T	E829	145TTTN4076	★	1000:1	\$437	E1	80.0	3.4/1.7	11.43	N,68	A655
	1200	575	145T	U672	145TTTN4080	★	1000:1	\$437	E1	80.0	1.3	11.43	N	A655
	900	230/460	182T	L409	182TTFS8101	★	----	\$661	E6	72.0	4.0/2.0	14.81	68	A644
1 1/2	3600	200	143T	E831	143TTTN4003		1000:1	\$361	E1	86.5	4.6	10.43	N	A603
	3600	208-230/460	143T	E833	143TTTN4001	★	1000:1	\$361	E1	82.5	4.4-4.0/2.0	10.43	N,68	A603
	3600	575	143T	E835	143TTTN4005		1000:1	\$361	E1	86.5	1.6	10.43	N	A603
	1800	200	145T	U601	145TTTN4032		1000:1	\$380	E1	84.0	5.1	11.43	N	A655
	1800	208-230/460	145T	E837	145TTTC4026	★	1000:1	\$380	E1	84.0	4.6-4.2/2.1	11.43	DS,N,68	A655
	1800	575	145T	E839	145TTTN4035	★	1000:1	\$380	E1	84.0	1.8	11.43	N	A655
	1200	230/460	182T	E823	182TTFS4076	★	10:1	\$449	E1	85.5	5.0/2.5	14.81	68	A644
	900	230/460	184T	L410	184TTFS8102	★	----	\$762	E6	74.0	5.8/2.9	15.81	68	A644
2	3600	200	145T	E841	145TTTN4003		1000:1	\$418	E1	86.5	6.0	11.43	N	A655
	3600	208-230/460	145T	E842	145TTTN4001	★	1000:1	\$418	E1	84.0	5.8-5.4/2.7	11.43	N,68	A655
	3600	575	145T	E844	145TTTN4005		1000:1	\$418	E1	86.5	2.1	11.43	N	A655
	1800	200	145T	U606	145TTTN4030		1000:1	\$418	E1	85.5	6.9	11.43	N	A655
	1800	208-230/460	145T	E846	145TTTC4027	★	1000:1	\$418	E1	84.0	6.0-5.6/2.8	11.43	DS,N,68	A655
	1800	575	145T	E848	145TTTN4040	★	1000:1	\$418	E1	85.5	2.4	11.43	N	A655
	1200	230/460	184T	E849	184TTFS4076	★	10:1	\$495	E1	86.5	6.0/3.0	15.81	68	A644
	900	230/460	213T	L411	213TTFS8103	★	----	\$1,070	E6	80.0	8.0/4.0	18.22	68	A206
3	3600	208-230/460	182T	U602	182TTFS4001	★	2:1	\$471	E1	85.5	8.6-7.4/3.7	14.81	68	A644
	3600	575	182T	U604	182TTFS4005		2:1	\$471	E1	85.5	3.0	14.81		A644
	1800	208-230/460	182T	U607	182TTFC4026	★	10:1	\$447	E1	87.5	8.4-7.6/3.8	14.81	DS,68	A644
	1800	575	182T	U609	182TTFS4030	★	10:1	\$447	E1	87.5	3.4	14.81		A644
	1200	208-230/460	213T	U610	213TTFC4076	★	10:1	\$654	E1	88.5	9.8-9.4/4.7	18.19	DS,68	A652
	900	230/460	215T	L421	215TTFS8101	★	----	\$1,394	E6	81.5	11.4/5.7	19.72	68	A206
5	3600	208-230/460	184T	U613	184TTFS4001	★	2:1	\$582	E1	87.5	13.0-12.4/6.2	15.81	68	A644
	3600	575	184T	U615	184TTFS4005	★	2:1	\$582	E1	87.5	4.9	15.81		A644
	1800	208-230/460	184T	U618	184TTFC4026	★	10:1	\$520	E1	87.5	14.0-13.0/6.5	15.81	DS,68	A644
	1800	575	184T	U620	184TTFS4030	★	10:1	\$520	E1	87.5	5.2	15.81		A644
	1200	208-230/460	215T	U621	215TTFC4076	★	10:1	\$942	E1	89.5	16.2-16.0/8.0	19.61	DS,68	A652
	900	230/460	254T	L412	254TTFPA8102	★	----	\$1,924	E6	84.0	17.0/8.5	23.69	68	A239
7 1/2	3600	230/460	213T	U624	213TTFS4001	★	2:1	\$762	E1	88.5	19.0/9.5	18.20	68	A206
	3600	575	213T	U671	213TTFS4005	★	2:1	\$762	E1	88.5	7.6	18.20		A206
	1800	208-230/460	213T	U629	213TTFC4026	★	10:1	\$746	E1	89.5	21.0-19.6/9.8	18.20	DS,68	A206
	1800	575	213T	U631	213TTFS4030	★	10:1	\$746	E1	89.5	8.0	18.20		A206
	1200	208-230/460	254T	U633	254TTFC4076	★	10:1	\$1,239	E1	89.5	21.0-20.0/10.0	23.19	DS,68	A653
	900	230/460	256T	L413	256TTFPA8102	★	----	\$2,449	E6	84.0	24.0/12.0	25.44	68	A239

Blue shaded areas are Cast Iron Frames

* Requires nameplate modification

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EAct and/or NRCan Canadian standards.

Continued on next page.

General Purpose, Three Phase

Totally Enclosed, Standard and EAct Efficiencies

Rigid Base

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C-FACE KITS
10	3600	230/460	215T	U636	215TTFS4001	★	2:1	\$889	E1	90.2	24.0/12.0	19.70	68	A206
	3600	575	215T	U637	215TTFS4005		2:1	\$889	E1	90.2	9.6	19.70		A206
	1800	208-230/460	215T	U639	215TTFC4026	★	10:1	\$904	E1	89.5	28.4-25.6/12.8	19.70	DS,68	A206
	1800	575	215T	U641	215TTFS4030	★	10:1	\$904	E1	89.5	10.0	19.70		A206
	1200	208-230/460	256T	U642	256TTFC4076	★	10:1	\$1,579	E1	89.5	28.3-26.2/13.1	24.92	DS,68	A653
	900	230/460	284T	L414	284TTFPA8102	★	---	\$2,902	E6	84.0	31.0/15.5	26.26	68	A239
15	3600	230/460	254T	U644	254TTFPA4001	★	2:1	\$1,234	E1	90.2	36.0/18.0	23.69	68	A239
	3600	575	254T	U638	254TTFPA4005		2:1	\$1,234	E1	90.2	14.4	23.69		A239
	1800	230/460	254T	U647	254TTFC4026	★	10:1	\$1,226	E1	91.0	38.0/19.0	23.69	d,DS,68	A601
	1800	208-230/460	254T	U1647	254TTFCA4026	★	10:1	\$1,226	E1	91.7	40.0-37.0/18.5	23.70	DS,68	A284
	1800	575	254T	U648	254TTFNA4030	★	10:1	\$1,226	E1	91.0	15.6	23.52		A284
	1200	208-230/460	284T	E978	284TTFC4076	★	10:1	\$2,132	E1	90.2	44.7-40.4/20.2	26.26	DS,68	A654
	900	230/460	286T	L415	286TTFPA8102	★	---	\$3,813	E6	86.5	45.0/22.5	28.97	68	A617
20	3600	230/460	256T	U649	256TTFNA4001	★	2:1	\$1,620	E1	90.2	47.0/23.5	25.27	68	A284
	3600	575	256T	U650	256TTFNA4005		2:1	\$1,620	E1	90.2	18.8	25.27		A284
	1800	230/460	256T	U652	256TTFC4026	★	10:1	\$1,509	E1	91.0	51.0/25.5	25.11	d,DS,68	A601
	1800	208-230/460	256T	U1652	256TTFCA4026	★	10:1	\$1,509	E1	91.7	53.0-48.0/24.0	25.43	DS,68	A284
	1800	575	256T	U653	256TTFNA4030	★	10:1	\$1,509	E1	91.0	20.0	25.27		A284
	1200	208-230/460	286T	E968	286TTFC4076	★	10:1	\$2,547	E1	90.2	58.2-52.6/26.3	27.83	DS,68	A654
	900	230/460	324T	L416	324TTFPA8104	★	---	\$4,595	E6	87.5	64.0/32.0	28.97	d,68	A619
25	3600	230/460	284TS	E975	284TSTFPA4001	★	2:1	\$1,957	E1	91.0	60.0/30.0	24.89	68	A617
	3600	575	284TS	U654	284TSTFPA4005		2:1	\$1,957	E1	91.0	24.0	24.89		A617
	1800	208-230/460	284T	E1961	284TTFCA4026	★	10:1	\$1,778	E1	93.0	68.0-60.0/30.0	27.83	DS,68	A615
	1800	208-230/460	284TS	E999	284TSTFPA4036	★	10:1	\$1,778	E1	92.4	68.0-63.0/31.5	24.89	68	A617
	1800	575	284T	E800	284TTFPA4030	★	10:1	\$1,778	E1	92.4	24.8	26.27		A617
	1800	200	284T	U655	284TTFPA4028		10:1	\$1,778	E1	92.4	71.0	31.87		A617
	1200	230/460	324T	E820	324TTFPA4076	★	2:1	\$3,089	E1	91.7	67.0/33.5	28.97	68	A619
900	230/460	326T	L417	326TTFPA8107	★	---	\$5,442	E6	88.5	78.0/39.0	30.32	68	A619	
30	3600	230/460	286TS	E964	286TSTFPA4001	★	2:1	\$2,157	E1	91.0	72.0/36.0	26.30	68	A617
	3600	575	286TS	E819	286TSTFPA4005		2:1	\$2,157	E1	91.0	28.8	26.30		A617
	1800	208-230/460	286T	E983	286TTFC4026	★	10:1	\$2,159	E1	92.4	77.0-71.0/35.5	27.94	d,DS,68	A611
	1800	208-230/460	286T	E1983	286TTFCA4026	★	10:1	\$2,159	E1	93.0	81.0-71.0/35.5	27.83	DS,68	A615
	1800	208-230/460	286TS	E818	286TSTFPA4036	★	10:1	\$2,159	E1	92.4	81.0-74.0/37.0	26.30	68	A617
	1800	575	286T	E817	286TTFPA4030	★	10:1	\$2,159	E1	92.4	29.6	27.76		A617
	1200	230/460	326T	E966	326TTFS4080	★	2:1	\$3,772	E1	91.7	76.0/38.0	30.37	68	A214
	900	460	364T	L420	364TTFS8101	★	---	\$6,105	E6	91.0	41.0	31.50	68,89	A395
40	3600	230/460	324TS	E971	324TSTFPA4001	★	2:1	\$2,829	E1	91.7	95.0/47.5	27.47	68	A619
	1800	208-230/460	324T	E984	324TTFC4026	★	2:1	\$2,792	E1	93.0	102-92.0/46.0	28.82	d,DS,68	A614
	1800	208-230/460	324T	E1984	324TTFCA4026	★	2:1	\$2,792	E1	93.6	104-94.0/47.0	28.90	DS,68	A214
	1800	230/460	324TS	E816	324TSTFPA4036	★	2:1	\$2,792	E1	93.0	100/50.0	27.47	68	A619
	1800	575	324T	E815	324TTFPA4030	★	2:1	\$2,792	E1	93.0	40.0	28.97		A619
	1200	230/460	364T	E988	364TTFS4086	★	2:1	\$4,822	E1	93.0	102/51.0	31.50	68	A395
	900	460	365T	L425	365TTFS8115	★	---	\$7,563	E6	91.0	53.5	32.50	68,89	A395
50	3600	230/460	326TS	E976	326TSTFPA4001	★	2:1	\$3,922	E1	92.4	115/57.5	28.82	68	A619
	1800	230/460	326T	E962	326TTFC4026	★	2:1	\$3,595	E1	93.0	117/58.5	30.32	d,DS,68	A614
	1800	208-230/460	326T	E1962	326TTFCA4026	★	2:1	\$3,595	E1	93.6	131-119/59.5	30.40	DS,68	A214
	1800	230/460	326TS	E801	326TSTFPA4036	★	2:1	\$3,595	E1	93.0	122/61.0	28.97	68	A619
	1800	575	326T	U659	326TTFPA4030	★	2:1	\$3,595	E1	93.0	49.0	30.47		A619
	1200	230/460	365T	E993	365TTFS4086	★	2:1	\$5,632	E1	93.0	130/65.0	32.50	68	A395
900	460	404T	L426	404TTFS8102	★	---	\$9,010	E6	92.4	69.0	35.62	68,89	A223	
60	3600	230/460	364TS	E960	364TSTFS4001	★	2:1	\$5,613	E1	93.0	141/70.5	29.38	68,89	A396
	1800	230/460	364T	E985	364TTFC4036	★	2:1	\$5,275	E1	93.6	137/68.5	31.50	DS,68	A217
	1800	230/460	364T	E1985	364TTFCA4036	★	2:1	\$5,275	E1	95.0	138/69.0	36.61	68	N/A
	1800	230/460	364TS	E802	364TSTFS4026	★	2:1	\$5,275	E1	93.6	144/72.0	29.38	68	A396
	1800	575	364T	U660	364TTFS4040	★	2:1	\$5,275	E1	93.6	57.5	31.50		A395
	1200	230/460	404T	E803	404TTFS4086	★	2:1	\$6,508	E1	93.6	149/74.5	35.62	68	A223
900	460	405T	L427	405TTFS8114	★	---	\$10,448	E6	91.7	81.0	37.12	68,89	A223	

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Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EAct and/or NRCan Canadian standards.

Continued on next page.

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Rigid Base

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C-FACE KITS
75	3600	230/460	365TS	E991	365TSTFS4001	★	2:1	\$6,682	E1	93.0	174/87.0	30.38	68,89	A396
	1800	230/460	365T	E957	365TTFS4036	★	2:1	\$6,742	E1	94.1	178/89.0	32.50	68	A395
	1800	230/460	365TS	E804	365TSTFS4026	★	2:1	\$6,742	E1	94.1	178/89.0	30.38		A396
	1800	575	365T	E805	365TTFS4040	★	2:1	\$6,742	E1	94.1	71.0	32.50		A395
	1200	230/460	405T	E806	405TTFS4086	★	2:1	\$7,821	E1	93.6	185/92.5	37.12	68	A223
	900	460	444T	L428	444TTFS8106	★	---	\$13,915	E6	93.0	97.0	41.25	68,89	A229
100	3600	230/460	405TS	E807	405TSTFS4001		2:1	\$9,016	E1	94.1	220/110	34.12	68,89	A226
	1800	230/460	405T	E959	405TTFS4036	★	2:1	\$8,132	E1	94.5	228/114	37.12	68	A223
	1800	230/460	405TS	E808	405TSTFS4026	★	2:1	\$8,132	E1	94.5	228/114	34.12	68	A226
	1800	575	405T	U661	405TTFS4040		2:1	\$8,132	E1	94.5	91.0	37.12		A223
	1200	230/460	444T	E809	444TTFS4086	★	2:1	\$11,007	E1	94.1	238/119	41.25	68	A229
	900	460	445T	L429	445TTFN8115	★	---	\$17,581	E6	93.6	133	43.19	68	A620
125	3600	460	444TS	E992	444TSTFS4001	★	2:1	\$12,569	E1	94.5	137	37.50	PW	A232
	1800	460	444T	E987	444TTFS4036	★	2:1	\$10,490	E1	94.5	142	41.25	PW,68	A229
	1800	460	444TS	E810	444TSTFS4026	★	2:1	\$10,490	E1	94.5	142	37.50		A232
	1800	575	444T	U662	444TTFS4040		2:1	\$10,490	E1	94.5	114	41.25		A229
	1200	460	445T	U663	445TTFN4086		2:1	\$13,392	E1	94.5	152	43.19		A620
	900	460	445T	L440	445TTFN8102		---	\$20,442	E6	93.6	169	43.19	H,RB,68	N/A
150	3600	460	445TS	E981	445TSTFN4001	★	2:1	\$15,054	E1	95.4	167	39.44	68	A621
	1800	460	445T	E986	445TTFN4036	★	2:1	\$12,758	E1	95.0	172	43.19	68	A620
	1800	460	445TS	E811	445TSTFN4026	★	2:1	\$12,758	E1	95.0	172	39.44		A621
	1200	460	445T	E958	445TTFN4087	★	2:1	\$14,751	E1	95.0	182	43.19	H,RB	N/A
	900	460	447/9	L442	449TTFS8111		---	\$23,061	E6	94.5	206	51.69	H,RB,68	N/A
200	3600	460	445TS	E812	445TSTFN4005	★	2:1	\$18,811	E1	95.0	222	39.44	H,68	A621
	1800	460	445T	E989	445TTFN4038	★	2:1	\$15,500	E1	95.0	225	43.19	RB,68	N/A
	1800	460	445TS	E813	445TSTFN4028	★	2:1	\$15,500	E1	95.0	225	39.44		A621
	1800	575	445T	U667	445TTFN4049		2:1	\$15,500	E1	95.0	180	43.19		A620
	1800	460	445T	U669	445TTFN4059		2:1	\$15,500	E1	95.0	225	43.19	68	A620
	1200	460	447/9T	E814	449TTFS4088	★	2:1	\$16,787	E1	95.0	243	51.69	H,RB,YD,68	N/A
	900	460	L447/9T	L449	449TTFS8110	★	---	\$23,456	E6	94.5	270	51.69	H,RB,YD,68	N/A
250	3600	460	445TS	L450	445TSTFN8007		---	\$21,734	E9	94.5	275	39.44	H,17,68	A621
	3600	460	447/9TS	L451	449TSTFS8003	★	---	\$23,364	E9	95.0	280	47.88	H,YD,68	A624
	1800	460	445T	L452	445TTFN8040	★	---	\$17,695	E9	95.0	285	43.19	H,RB,YD,68	N/A
	1800	460	447/9T	L455	449TTFS8028		---	\$19,022	E9	95.0	290	51.69	H,YD,68	A623
	1800	460	447/9T	L454	449TTFS8038	★	---	\$19,022	E9	95.0	290	51.69	H,RB,YD,68	N/A
	1800	575	445T	L453	445TTFN8041		---	\$17,695	E9	95.0	228	43.19	RB	N/A
	1200	460	447/9T	L456	449TTFS8087	★	---	\$19,767	E9	95.4	300	51.69	H,RB,YD,68	N/A
	1200	460	447/9T	L457	449TTFS8077		---	\$19,767	E9	95.4	300	51.69	H,YD,68	A623
	900	460	L447/9T	L471	449TTFS18105		---	\$21,616	E6	94.5	330	56.71	H,RB,YD,17	N/A
300	3600	460	447/9TS	L459	449TSTFS8002	★	---	\$26,904	E9	95.4	330	47.88	H,YD,68	A624
	1800	460	445T	L460	445TTFN8042		---	\$19,903	E9	95.0	340	43.19	H,RB,YD,17	N/A
	1800	460	447/9T	L462	449TTFS8037	★	---	\$21,396	E9	95.4	338	51.69	H,RB,YD,68	N/A
	1800	575	447/9T	L472	449TTFS18043		---	\$21,396	E9	95.0	330	51.69	H,RB,YD	N/A
	1800	460	447/9T	L463	449TTFS8027	★	---	\$21,396	E9	95.4	338	51.69	H,YD,68	A623
	1800	575	445T	L461	445TTFN8043		---	\$19,903	E9	95.0	272	43.19	H,RB,YD,17	N/A
	1200	460	L447/9T	L465	449TTFS8076		---	\$22,959	E9	95.4	360	51.69	H,YD,17,68	A623
	1200	460	447/9T	L464	449TTFS8086	★	---	\$22,959	E9	95.4	360	51.69	H,RB,YD,17,68	N/A
350	3600	460	447/9TS	L466	449TSTFS8001	★	---	\$30,903	E9	95.4	380	47.88	H,YD,68	A624
	1800	460	L447/9T	L467	449TTFS8036	★	---	\$22,844	E9	95.4	400	51.69	H,RB,YD	N/A
400	1800	460	447/9T	L469	449TTFS8039	★	---	\$24,245	E9	95.0	460	51.69	H,RB,17	N/A

Blue shaded areas are Cast Iron Frames

* Requires nameplate modification

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRC Canadian standards.