

# General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Hostile Duty Premium Efficient



CTE

## APPLICATIONS:

Designed for pulp & paper plants, saw mills, mines, foundries, chemical plants, waste management facilities, and other process-related industries requiring protection within harsh operating conditions.

## FEATURES:

- Class F Insulation, Class B Rise At Full Load (4)
- Cast Iron Frame (140: Rolled Steel), Cast Iron End Brackets
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate (with CE Mark) & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- Dual Voltage 230/460 Volts (1-100 HP)
- 40°C Ambient, NEMA® Design B Performance (4)
- Regreasable Ball Bearings 250 Frame & Up, Lifting Provisions 180 Frame & Up
- Double Shielded Bearings 140-360, Open On 400-440
- 1.15 Service Factor @ 60 Hz
- Steel Fan Cover & Conduit Box
- Field Convertible To F2 Mounting 180 Frame & Larger
- Condensation Drains With Plastic Plugs
- Conversion Kits: All Cast Iron Upgrade, C&D Flanges, Canopy Kits (exc. 320-360)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	230/460	143T	H1P2B	\$612	DS-3XE	1.15	12.9	45	85.5	3/1.5	-
	1800	575	143T	H1P2G	\$612	DS-3XE	1.15	12.9	45	86.5	1.1	-
	1200	230/460	145T	H1P3B	\$684	DS-3XE	1.15	13.1	50	82.5	3.5/1.8	-
	1200	575	145T	H1P3G	\$684	DS-3XE	1.15	13.1	50	82.5	1.4	-
1-1/2	3600	230/460	143T	H32P1B	\$558	DS-3XE	1.15	12.9	45	84	3.9/1.9	-
	3600	575	143T	H32P1G	\$558	DS-3XE	1.15	12.9	45	84	1.5	-
	1800	230/460	145T	H32P2B	\$633	DS-3XE	1.15	13.1	50	86.5	4.3/2.1	-
	1800	575	145T	H32P2G	\$633	DS-3XE	1.15	13.1	50	86.5	1.7	-
	1200	230/460	182T	H32P3B	\$815	DS-3XE	1.15	14.5	85	87.5	4.7/2.3	-
	1200	575	182T	H32P3G	\$815	DS-3XE	1.15	14.5	85	87.5	1.8	-
2	3600	230/460	145T	H2P1B	\$634	DS-3XE	1.15	13.1	50	86.5	4.9/2.4	-
	3600	575	145T	H2P1G	\$634	DS-3XE	1.15	13.1	50	86.5	2	-
	1800	230/460	145T	H2P2B	\$664	DS-3XE	1.15	13.1	50	86.5	5.7/2.8	-
	1800	575	145T	H2P2G	\$664	DS-3XE	1.15	13.1	50	86.5	2.3	-
	1200	230/460	184T	H2P3B	\$828	DS-3XE	1.15	15.5	95	88.5	6.2/3.1	-
	1200	575	184T	H2P3G	\$828	DS-3XE	1.15	15.5	95	88.5	2.5	-
3	3600	230/460	182T	H3P1B	\$734	DS-3XE	1.15	14.5	85	88.5	7.6/3.8	-
	3600	575	182T	H3P1G	\$734	DS-3XE	1.15	14.5	85	88.5	3.1	-
	1800	230/460	182T	H3P2B	\$715	DS-3XE	1.15	14.5	85	89.5	7.9/4	-
	1800	575	182T	H3P2G	\$715	DS-3XE	1.15	14.5	85	89.5	3.2	-
	1200	230/460	213T	H3P3B	\$1,032	DS-3XE	1.15	17.6	150	89.5	8.8/4.4	-
	1200	575	213T	H3P3G	\$1,032	DS-3XE	1.15	17.6	150	89.5	3.5	-
5	3600	230/460	184T	H5P1B	\$903	DS-3XE	1.15	15.5	100	89.5	12/6	-
	3600	575	184T	H5P1G	\$903	DS-3XE	1.15	15.5	100	89.5	4.9	-
	1800	230/460	184T	H5P2B	\$755	DS-3XE	1.15	15.5	150	89.5	12.5/6.3	-
	1800	575	184T	H5P2G	\$755	DS-3XE	1.15	15.5	100	90.2	5	-
	1200	230/460	215T	H5P3B	\$1,199	DS-3XE	1.15	19.1	105	90.2	14/7	-
	1200	575	215T	H5P3G	\$1,199	DS-3XE	1.15	19.1	150	90.2	5.6	-
7-1/2	3600	230/460	213T	H7P1B	\$1,046	DS-3XE	1.15	17.6	150	91.7	17.9/8.9	14
	3600	575	213T	H7P1G	\$1,046	DS-3XE	1.15	17.6	150	91.7	7.1	14
	1800	230/460	213T	H7P2B	\$1,007	DS-3XE	1.15	17.6	150	91.7	18.6/9.3	-
	1800	575	213T	H7P2G	\$1,007	DS-3XE	1.15	17.6	150	91.7	7.5	-
	1200	230/460	254T	H7P3B	\$1,709	DS-3XE	1.15	23.8	300	91.7	20.2/10.1	14
	1200	575	254T	H7P3G	\$1,709	DS-3XE	1.15	23.8	300	91.7	7.9	14

Note 04 On 60 Hertz Sine Wave power

Note 14 NEMA® Design A

Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)

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HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10	3600	230/460	215T	<b>H10P1B</b>	\$1,227	DS-3XE	1.15	19.1	180	91.7	23.5/11.8	-
	3600	575	215T	H10P1G	\$1,227	DS-3XE	1.15	19.1	180	91.7	9.4	-
	1800	230/460	215T	<b>H10P2B</b>	\$1,131	DS-3XE	1.15	19.1	190	91.7	23.9/12	-
	1800	575	215T	H10P2G	\$1,131	DS-3XE	1.15	19.1	190	91.7	9.6	-
	1200	230/460	256T	<b>H10P3B</b>	\$1,952	DS-3XE	1.15	25.5	340	91.7	25/12.5	14
	1200	575	256T	H10P3G	\$1,952	DS-3XE	1.15	25.5	340	91.7	10	14
15	3600	230/460	254T	<b>H15P1B</b>	\$1,690	DS-3XE	1.15	23.8	300	91.7	35/17.7	14
	3600	575	254T	H15P1G	\$1,690	DS-3XE	1.15	23.8	300	91.7	14	14
	1800	230/460	254T	<b>H15P2B</b>	\$1,356	DS-3XE	1.15	23.8	300	92.4	37/18.7	-
	1800	575	254T	H15P2G	\$1,356	DS-3XE	1.15	23.8	300	93	14.6	-
	1200	230/460	284T	<b>H15P3B</b>	\$2,605	DS-3XE	1.15	25.5	385	91.7	38/19	14
	1200	230/460	284T	<b>H15P3B</b>	\$2,605	DS-3XE	1.15	25.5	385	91.7	38/19	14
20	1200	575	284T	H15P3G	\$2,605	DS-3XE	1.15	25.5	385	91.7	15.2	14
	3600	230/460	256T	<b>H20P1B</b>	\$1,856	DS-3XE	1.15	25.5	310	92.4	46/23	14
	3600	575	256T	H20P1G	\$1,856	DS-3XE	1.15	25.5	310	92.4	18.3	14
	1800	230/460	256T	<b>H20P2B</b>	\$1,644	DS-3XE	1.15	25.5	310	93	48/24.1	-
	1800	575	256T	H20P2G	\$1,644	DS-3XE	1.15	25.5	310	93.6	19	-
	1200	230/460	286T	<b>H20P3B</b>	\$3,469	DS-3XE	1.15	27.0	400	91.7	50/25.1	14
25	1200	230/460	286T	<b>H20P3B</b>	\$3,469	DS-3XE	1.15	27.0	400	91.7	50/25.1	14
	1200	575	286T	H20P3G	\$3,469	DS-3XE	1.15	27.0	400	92.4	20	14
	3600	230/460	284T	H25P1B	\$2,421	DS-3XE	1.15	25.5	355	92.4	60/29.8	14
	3600	230/460	284TS	<b>H25P1BS</b>	\$2,421	DS-3XE	1.15	25.5	355	92.4	60/29.8	14
	3600	575	284TS	H25P1GS	\$2,421	DS-3XE	1.15	24.8	355	91.7	23.7	-
	1800	230/460	284T	<b>H25P2B</b>	\$2,152	DS-3XE	1.15	25.5	355	93.6	59/29.4	-
30	1800	575	284T	H25P2G	\$2,152	DS-3XE	1.15	25.5	355	93.6	23.5	-
	1200	230/460	324T	<b>H25P3B</b>	\$3,925	DS-3XE	1.15	30.6	510	93	59/29.4	-
	1200	575	324T	H25P3G	\$3,925	DS-3XE	1.15	30.6	510	93	23.5	-
	3600	230/460	286TS	<b>H30P1BS</b>	\$2,879	DS-3XE	1.15	26.3	400	92.4	69/34	-
	3600	575	286TS	H30P1GS	\$2,879	DS-3XE	1.15	26.3	400	92.4	27.6	-
	1800	230/460	286T	<b>H30P2B</b>	\$2,554	DS-3XE	1.15	27.0	415	94.1	69/35	-
40	1800	575	286T	H30P2G	\$2,554	DS-3XE	1.15	27.0	415	94.1	27.6	-
	1200	230/460	326T	<b>H30P3B</b>	\$4,535	DS-3XE	1.15	30.6	590	93	70/35	-
	1200	575	326T	H30P3G	\$4,535	DS-3XE	1.15	30.6	590	93	28.1	-
	3600	230/460	324TS	<b>H40P1BS</b>	\$3,729	DS-3XE	1.15	29.1	460	93	92/46	14
	3600	575	324TS	H40P1GS	\$3,729	DS-3XE	1.15	29.1	460	93	38	14
	1800	230/460	324T	<b>H40P2B</b>	\$3,340	DS-3XE	1.15	30.6	510	94.1	92/46	-
50	1800	575	324T	H40P2G	\$3,340	DS-3XE	1.15	30.6	510	94.1	37	-
	1200	230/460	364T	<b>H40P3B</b>	\$5,652	DS-3XE	1.15	32.6	800	94.5	92/46	-
	1200	575	364T	H40P3G	\$5,652	DS-3XE	1.15	32.6	800	94.1	37	-
	3600	230/460	326TS	<b>H50P1BS</b>	\$4,318	DS-3XE	1.15	29.1	550	93	112/56	-
	3600	575	326TS	H50P1GS	\$4,318	DS-3XE	1.15	29.1	550	93	45	-
	1800	230/460	326T	<b>H50P2B</b>	\$3,650	DS-3XE	1.15	30.6	590	94.5	112/56	-
1800	575	326T	H50P2G	\$3,650	DS-3XE	1.15	30.6	590	94.5	45	-	

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HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
50	1200	230/460	365T	<b>H50P3B</b>	\$6,830	DS-3XE	1.15	32.6	890	94.1	115/58	-
	1200	575	365T	H50P3G	\$6,830	DS-3XE	1.15	32.6	890	94.1	46	-
60	3600	230/460	364TS	<b>H60P1BS</b>	\$6,066	DS-3XE	1.15	30.4	825	93	136/68	-
	3600	575	364TS	H60P1GS	\$6,066	DS-3XE	1.15	30.4	825	93	54	14
	1800	230/460	364T	<b>H60P2B</b>	\$5,254	DS-3XE	1.15	32.6	865	95	136/68	-
	1800	575	364T	H60P2G	\$5,254	DS-3XE	1.15	32.6	865	95	55	-
	1800	230/460	364TS	H60P2BS	\$5,254	DS-3XE	1.15	30.4	865	95	136/68	-
	1200	230/460	404T	<b>H60P3B</b>	\$8,125	DS-3XE	1.15	36.1	1160	94.5	141/70	-
	1200	575	404T	H60P3G	\$8,125	DS-3XE	1.15	36.1	1160	94.5	56	-
	75	3600	230/460	365TS	<b>H75P1BS</b>	\$7,058	DS-3XE	1.15	30.4	875	94.1	167/84
3600		575	365TS	H75P1GS	\$7,058	DS-3XE	1.15	30.4	875	93.6	67	14
1800		230/460	365T	<b>H75P2B</b>	\$6,145	DS-3XE	1.15	32.6	890	95.4	169/84	-
1800		575	365T	H75P2G	\$6,145	DS-3XE	1.15	32.6	890	95.4	68	-
1800		230/460	365TS	H75P2BS	\$6,145	DS-3XE	1.15	30.4	890	95.4	169/84	-
1200		230/460	405T	<b>H75P3B</b>	\$9,462	DS-3XE	1.15	37.6	1175	95	174/87	-
1200		575	405T	H75P3G	\$9,462	DS-3XE	1.15	37.6	1175	95	70	-
100		3600	230/460	405TS	<b>H100P1BS</b>	\$9,650	DS-3XE	1.15	34.6	1175	94.5	217/109
	3600	575	405TS	H100P1GS	\$9,650	DS-3XE	1.15	34.6	1175	94.1	87	-
	1800	230/460	405T	<b>H100P2B</b>	\$8,413	DS-3XE	1.15	37.6	1200	95.4	227/113	-
	1800	575	405T	H100P2G	\$8,413	DS-3XE	1.15	37.6	1200	95.4	91	-
	1800	230/460	405TS	H100P2BS	\$8,413	DS-3XE	1.15	34.6	1200	95.4	227/113	-
	1200	230/460	444T	<b>H100P3B</b>	\$12,452	DS-3XE	1.15	43.4	1600	95.4	247/124	-
	1200	575	444T	H100P3G	\$12,452	DS-3XE	1.15	43.4	1600	95.4	99	-
	125	3600	460	444TS	H125P1SS	\$11,340	DS-3XE	1.15	39.6	1550	95	145
3600		575	444TS	H125P1GS	\$11,340	DS-3XE	1.15	39.6	1550	95	118	12
1800		460	444T	<b>H125P2S</b>	\$9,945	DS-3XE	1.15	43.4	1575	95.4	146	-
1800		575	444T	H125P2G	\$9,945	DS-3XE	1.15	43.4	1575	95.4	118	-
1800		460	444TS	H125P2SS	\$9,945	DS-3XE	1.15	39.6	1575	95.4	146	-
1200		460	445T	<b>H125P3S</b>	\$14,068	DS-3XE	1.15	45.4	1650	95.8	154	-
1200		575	445T	H125P3G	\$14,068	DS-3XE	1.15	45.4	1650	95.8	123	-
150		3600	460	445TS	H150P1SS	\$13,294	DS-3XE	1.25	41.6	1625	95	176
	3600	575	445TS	H150P1GS	\$13,294	DS-3XE	1.15	41.6	1625	95	141	12
	1800	460	445T	<b>H150P2S</b>	\$11,651	DS-3XE	1.15	45.4	1650	95.8	172	-
	1800	575	445T	H150P2G	\$11,651	DS-3XE	1.15	45.4	1650	95.8	138	-
	1800	460	445TS	H150P2SS	\$11,651	DS-3XE	1.15	41.6	1650	95.8	172	-
	1200	460	447T	<b>H150P3C</b>	\$15,862	DS-3XE	1.15	48.9	2000	96.2	181	-
	1200	575	447T	H150P3G	\$15,862	DS-3XE	1.15	48.9	2000	96.2	145	-
	200	3600	460	447TS	<b>H200P1SS</b>	\$15,743	DS-3XE	1.15	45.1	2100	95.4	220
3600		575	447TS	H200P1GS	\$15,743	DS-3XE	1.15	45.1	2100	95.4	175	-
1800		460	447T	<b>H200P2S</b>	\$14,017	DS-3XE	1.15	48.9	2150	96.2	224	-
1800		460	447TS	H200P2SS	\$14,017	DS-3XE	1.15	45.1	2150	96.2	224	-
1800		575	447TS	H200P2G	\$14,017	DS-3XE	1.15	45.1	2150	96.2	180	-

Note 04 On 60 Hertz Sine Wave power

Note 14 NEMA® Design A

Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)

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GEN. PURPOSE SINGLE PHASE  
GEN. PURPOSE THREE PHASE  
SEVERE DUTY  
HAZARDOUS LOCATION  
C-FACE SINGLE & THREE PHASE  
MULTI-SPEED THREE PHASE  
INVERTER DUTY  
VECTOR DUTY  
DRIVES  
BRAKE MOTORS  
U FRAME MOTORS  
DIRECT CURRENT (DC)