

# General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Unimount® Energy Efficient, C-Face Footless



UTF, FUTF

## APPLICATIONS:

Designed for pumps, fans, compressors, material handling and other general purpose applications in damp, dusty or dirty environments.

## FEATURES:

- Class F Insulation, Class B Rise At Full Load (4)
- Extruded Aluminum Frame (180-280), Rolled Steel (56-140)
- Aluminum End Shields With Steel Bearing Inserts
- "CE" Mark On Nameplate (140 Frame & Larger)
- Oversized Diagonally Split Conduit Box
- 40°C Ambient, NEMA® Design B Performance(4)
- 50/60 Hz. On Nameplate (180-280 Frame)
- Regreasable Shaft-End Bearings (180-280)
- Sealed Bearings (56-140), Double Shielded (180-280)
- Suitable For Wye-Delta Start 250 Frame & Larger
- Dual Voltage Ratings Suitable For Part Winding Start (PWS) On Low Voltage
- Lifting Provisions 180 Frame & Up
- Conversion Kits: Canopy Kits, Brakes (56-210)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1/4	1800	208-230/460	42CZ	T14S2D42ZCR	\$204	DS-3FMP	1.00	11.6	17	-	1.1-1.1/0.57	26
	1800	208-230/460	56C	U14S2ACR	\$206	DS-3F	1.25	10.8	20	-	1-1/0.5	16
	1200	208-230/460	56C	T14S3DCR	\$362	DS-3FMP	1.15	11.3	25	-	1.4-1.4/0.7	26
1/3	3600	208-230/460	56C	T13S1MCR	\$213	DS-3F	1.15	10.5	20	-	1.4-1.3/0.66	-
	1800	208-230/460	42CZ	T13S2D42ZCR	\$208	DS-3FMP	1.00	11.6	19	-	1.5-1.5/0.75	26
	1800	575	56C	T13S2GCR	\$231	DS-3F	1.15	10.5	22	-	0.54	-
	1800	208-230/460	56C	U13S2ACR	\$231	DS-3F	1.25	10.8	22	-	1.2-1.2/0.6	16
	1200	208-230/460	56C	T13S3DCR	\$389	DS-3FMP	1.15	11.4	23	-	1.6-1.6/0.80	26
1/2	3600	208-220/440	56C	T12S1MCR	\$243	DS-3F	1.15	10.5	23	-	2.2-2.3/1.15	-
	1800	208-230/460	56C	U12S2ACR	\$259	DS-3F	1.25	10.8	24	-	1.8-1.8/0.9	16
	1800	575	56C	U12S2GCR	\$259	DS-3F	1.25	10.8	24	-	0.7	-
	1200	208-230/460	56C	U12S3ACR	\$337	DS-3F	1.25	10.8	25	-	2.1-2.1/1.1	16
3/4	3600	208-230/460	56C	U34S1ACR	\$253	DS-3F	1.25	10.8	24	-	2.5-2.2/1.1	16
	1800	208-230/460	56C	U34S2ACR	\$286	DS-3F	1.25	10.8	25	-	2.6-2.7/1.3	16
	1800	575	56C	U34S2GCR	\$286	DS-3F	1.25	10.8	25	-	1.1	-
	1200	208-230/460	143TC	6252	\$418	DS-3FMP	1.15	12.1	30	77	3.4-3.5/1.7	-
	1200	208-230/460	56C	U34S3ACR	\$404	DS-3F	1.25	12.0	25	-	3.4-3.5/1.7	-
1	3600	208-230/460	56C	U1S1ACR	\$265	DS-3F	1.25	10.8	25	-	3.2-2.9/1.5	16
	1800	208-230/460	143TC	U1S2ACR	\$300	DS-3FTE	1.25	12.1	35	81.5	3.1-3.2/1.6	16
	1800	575	143TC	U1S2GCR	\$300	DS-3FTE	1.15	12.1	35	80	1.4	-
	1800	208-230/460	56C	U1S2AFCR	\$293	DS-3F	1.25	12.1	28	-	3.3-3.4/1.7	16
	1800	575	56C	U1S2GFCR	\$293	DS-3F	1.25	12.1	28	-	1.4	-
	1200	208-230/460	56C	T1S3DCR	\$430	DS-3FMP	1.15	12.4	32	-	4.2-4.3/2.2	26
1-1/2	3600	208-230/460	143TC	T32S1MCR	\$331	DS-3F	1.15	12.8	35	-	4.6-4.3/2.1	-
	3600	208-230/460	56C	T32S1ACR	\$320	DS-3F	1.15	11.9	30	-	4.7-4.5/2.2	-
	1800	208-230/460	145TC	U32S2ACR	\$305	DS-3FTE	1.25	12.1	40	80	4.8-4.8/2.4	16
	1800	575	145TC	U32S2GCR	\$305	DS-3FTE	1.15	12.1	40	81.5	1.9	26
	1800	208-230/460	56C	4339	\$271	DS-3FMP	1.00	12.3	33	-	4.8-4.6/2.3	-
	1800	208-230/460	56C	U32S2AFCR	\$322	DS-3F	1.25	12.1	30	-	4.7-4.7/2.3	16
	1800	575	56C	U32S2GFCR	\$322	DS-3F	1.25	12.1	30	-	1.9	-
	1200	208-230/460	182TC	U32E3DCR	\$605	DS-3FTE	1.25	16.1	50	85.5	5.3-5.3/2.7	03
	1200	575	182TC	U32E3GCR	\$605	DS-3FTE	1.25	16.1	50	85.5	2.1	-
	1200	230/460	56C	T32S3BCR	\$491	DS-3FMP	1.15	13.8	34	-	5.4/2.7	26

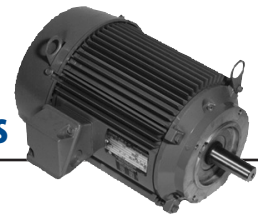
Note 02 Suitable for Wye-Delta start on voltages shown  
 Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate  
 Note 04 On 60 Hertz Sine Wave power

Note 16 Motors marked 208-230/460 volts may not meet all NEMA® (MG-1) performance standards when operated at 208 volts  
 Note 19 Also rated for 190/380, 220/415 volt 50 Hz at 1.0 Service Factor  
 Note 26 Does not include World Motor® features

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

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)

# General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Unimount® Energy Efficient, C-Face Footless



UTF, FUT

## APPLICATIONS:

Designed for pumps, fans, compressors, material handling and other general purpose applications in damp, dusty or dirty environments.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
2	3600	208-220/440	56C	T2S1MFCR	\$358	DS-3F	1.15	11.8	29	-	5.6-5.4/2.7	19
	1800	230/460	145TC	<b>U2S2ACR</b>	\$316	DS-3FTE	1.25	12.1	35	80	6.2/3.1	16
	1800	575	145TC	U2S2GCR	\$316	DS-3FTE	1.25	12.1	35	84	2.4	-
	1800	575	56C	T2S2GFCR	\$338	DS-3F	1.15	12.8	30	-	2.4	-
	1800	208-230/460	56C	<b>U2S2AFCR</b>	\$338	DS-3F	1.25	12.1	30	-	6.3-6.2/3.1	16
	1200	208-230/460	184TC	U2E3DCR	\$644	DS-3FTE	1.25	16.9	65	86.5	7-6.8/3.4	03
	1200	575	184TC	U2E3GCR	\$644	DS-3FTE	1.25	16.9	65	86.5	2.8	-
3	3600	208-230/460	145TC	<b>U3E1A14CR</b>	\$466	DS-3F	1.25	13.4	37	86	8.5-7.3/3.6	-
	3600	208-230/460	182TC	U3E1DCR	\$609	DS-3FTE	1.25	16.1	53	85.5	8.7-8/4	03
	3600	575	182TC	U3E1GCR	\$609	DS-3FTE	1.25	16.1	53	85.5	3.2	-
	3600	200	182TCH	U3E1HKR	\$609	DS-3FTE	1.25	16.1	53	85.5	9.2	-
	3600	208-230/460	182TCH	U3E1DKR	\$609	DS-3FTE	1.25	16.1	53	85.5	8.7-8/4	03
	3600	575	182TCH	U3E1GKR	\$609	DS-3FTE	1.25	16.1	53	85.5	3.2	-
	3600	230/460	56C	T3S1BFCR	\$378	DS-3F	1.15	13.3	37	-	8.0/4.0	-
	1800	208-230/460	182TC	U3E2DCR	\$454	DS-3FTE	1.25	16.1	60	87.5	8.4-8/4	03
	1800	208-230/460	182TC	<b>U3S2ACR</b>	\$395	DS-3FTE	1.25	16.1	60	84	8.9-8.3/4.2	16
	1800	575	182TC	U3E2GCR	\$454	DS-3FTE	1.25	16.1	60	87.5	3.2	-
	1800	575	182TC	U3S2GCR	\$395	DS-3FTE	1.25	16.1	60	82.5	3.6	-
	1800	200	182TCH	U3E2HKR	\$454	DS-3FTE	1.25	16.1	60	87.5	9.1	-
	1800	200	182TCH	U3S2HKCR	\$395	DS-3FTE	1.25	16.1	60	82.5	10.7	-
	1800	208-230/460	182TCH	U3E2DKR	\$454	DS-3FTE	1.25	16.1	60	87.5	8.4-8/4	03
	1800	208-230/460	182TCH	U3S2AKCR	\$395	DS-3FTE	1.25	16.1	60	84	8.9-8.3/4.2	16
	1800	575	182TCH	U3E2GKR	\$454	DS-3FTE	1.25	16.1	60	87.5	3.2	-
	1800	230/460	56C	T3S2BFCR	\$406	DS-3F	1.15	13.8	42	-	9.4/4.7	-
	1200	208-230/460	213TC	U3E3DCR	\$822	DS-3FTE	1.25	18.6	110	87.5	9.7-9.1/4.5	03
	1200	575	213TC	U3E3GCR	\$822	DS-3FTE	1.25	18.6	110	87.5	3.6	-
	5	3600	208-230/460	184TC	<b>U5E1DCR</b>	\$682	DS-3FTE	1.25	16.9	70	87.5	13.8-12.3/6.1
3600		575	184TC	U5E1GCR	\$682	DS-3FTE	1.25	16.9	70	87.5	4.9	-
3600		200	184TCH	U5E1HKR	\$682	DS-3FTE	1.25	16.9	70	87.5	14.2	-
3600		208-230/460	184TCH	U5E1DKR	\$682	DS-3FTE	1.25	16.9	70	87.5	13.8-12.3/6.1	03
3600		575	184TCH	U5E1GKR	\$682	DS-3FTE	1.25	16.9	70	87.5	4.9	-
1800		208-230/460	184TC	<b>U5E2DCR</b>	\$520	DS-3FTE	1.25	16.9	70	87.5	14-12.7/6.3	-
1800		208-230/460	184TC	<b>U5S2ACR</b>	\$453	DS-3FTE	1.25	16.9	70	85.5	14.3-13.5/6.7	16
1800		575	184TC	U5E2GCR	\$520	DS-3FTE	1.25	16.9	70	87.5	5.1	-
1800		575	184TC	U5S2GCR	\$453	DS-3FTE	1.25	16.9	70	84	5.5	-
1800		200	184TCH	U5E2HKR	\$520	DS-3FTE	1.25	16.9	70	87.5	14.4	-
1800		200	184TCH	U5S2HKCR	\$453	DS-3FTE	1.25	16.9	70	84	15.4	-
1800		208-230/460	184TCH	U5E2DKR	\$520	DS-3FTE	1.25	16.9	70	87.5	14-12.7/6.3	03
1800		208-230/460	184TCH	U5S2AKCR	\$453	DS-3FTE	1.25	16.9	70	85.5	14.3-13.5/6.7	16
1800		575	184TCH	U5E2GKR	\$520	DS-3FTE	1.25	16.9	70	87.5	5.1	-
1200		208-230/460	215TC	<b>U5E3DCR</b>	\$948	DS-3FTE	1.25	20.1	140	87.5	15.6-14.5/7.3	03
1200		575	215TC	U5E3GCR	\$948	DS-3FTE	1.25	20.1	140	87.5	5.8	-

Note 02 Suitable for Wye-Delta start on voltages shown  
 Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate  
 Note 04 On 60 Hertz Sine Wave power

Note 16 Motors marked 208-230/460 volts may not meet all NEMA® (MG-1) performance standards when operated at 208 volts  
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## APPLICATIONS:

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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
7-1/2	3600	208-230/460	213TC	U7E1DCR	\$1,020	DS-3FTE	1.25	18.6	100	88.5	20.4-18.4/9.2	03
	3600	575	213TC	U7E1GCR	\$1,020	DS-3FTE	1.25	18.6	100	88.5	7.4	-
	1800	208-230/460	213TC	<b>U7E2DCR</b>	\$686	DS-3FTE	1.15	18.6	110	89.5	20.6-18.8/9.4	03
	1800	208-230/460	213TC	<b>U7S2ACR</b>	\$597	DS-3FTE	1.25	18.6	110	86.5	21.9-20.3/10.1	16
	1800	575	213TC	U7E2GCR	\$686	DS-3FTE	1.25	18.6	110	89.5	7.5	-
	1800	575	213TC	U7S2GCR	\$597	DS-3FTE	1.25	18.6	110	86.5	8.1	-
	1200	208-230/460	254TC	U7E3DCR	\$1,347	DS-3FTE	1.25	23.9	200	89.5	20.8-18.8/9.4	02, 03
	1200	575	254TC	U7E3GCR	\$1,347	DS-3FTE	1.25	23.9	200	89.5	7.5	02
10	3600	208-230/460	215TC	U10E1DCR	\$1,048	DS-3FTE	1.25	20.1	110	89.5	26.7-23.8/11.9	03
	3600	575	215TC	U10E1GCR	\$1,048	DS-3FTE	1.25	20.1	110	89.5	9.4	-
	1800	208-230/460	215TC	<b>U10E2DCR</b>	\$784	DS-3FTE	1.25	20.1	120	89.5	27.2-24.6/12.3	03
	1800	208-230/460	215TC	<b>U10S2ACR</b>	\$700	DS-3FTE	1.25	20.1	120	88.5	28.7-26.4/13.2	16
	1800	575	215TC	U10E2GCR	\$784	DS-3FTE	1.25	20.1	120	89.5	9.9	-
	1800	575	215TC	U10S2GCR	\$700	DS-3FTE	1.15	20.1	120	88.5	10.5	-
	1200	208-230/460	256TC	U10E3DCR	\$1,533	DS-3FTE	1.25	25.7	230	89.5	27.5-25/12.5	02, 03
	1200	575	256TC	U10E3GCR	\$1,533	DS-3FTE	1.25	25.7	230	89.5	10	02
15	3600	208-230/460	254TC	U15E1DCR	\$1,578	DS-3FTE	1.15	23.9	210	90.2	40-35/17.6	02, 03
	3600	575	254TC	U15E1GCR	\$1,578	DS-3FTE	1.25	23.9	210	90.2	14	02
	1800	208-230/460	254TC	<b>U15E2DCR</b>	\$1,369	DS-3FTE	1.25	23.9	220	91	41-37/18.5	02, 03
	1800	208-230/460	254TC	<b>U15S2ACR</b>	\$1,191	DS-3FTE	1.25	23.9	220	88.5	42-37/18.6	16
	1800	575	254TC	U15E2GCR	\$1,369	DS-3FTE	1.25	23.9	220	91	14.7	02
20	3600	208-230/460	256TC	U20E1DCR	\$1,688	DS-3FTE	1.25	25.7	230	90.2	53-47/23.4	02, 03
	3600	575	256TC	U20E1GCR	\$1,688	DS-3FTE	1.25	25.7	230	90.2	18.7	02
	1800	208-230/460	256TC	<b>U20E2DCR</b>	\$1,498	DS-3FTE	1.25	25.7	250	91	54-49/24.3	02, 03
	1800	208-230/460	256TC	<b>U20S2ACR</b>	\$1,338	DS-3FTE	1.25	25.7	250	89.5	56-49/24.7	16
	1800	575	256TC	U20E2GCR	\$1,498	DS-3FTE	1.25	25.7	250	91	19.5	02
25	3600	208-230/460	284TC	U25E1DCR	\$2,116	DS-3FTE	1.25	28.3	290	91	65-57/28.7	02, 03
	3600	575	284TC	U25E1GCR	\$2,116	DS-3FTE	1.25	28.3	290	91	22.9	02
	1800	208-230/460	284TC	<b>U25E2DCR</b>	\$1,790	DS-3FTE	1.25	28.3	290	92.4	67-59/29.6	02, 03
	1800	208-230/460	284TC	U25S2ACR	\$1,628	DS-3FTE	1.25	26.8	290	91	69-62/31	16
	1800	575	284TC	U25E2GCR	\$1,790	DS-3FTE	1.25	28.3	290	92.4	23.7	02
30	1800	208-230/460	286TC	U30E2DCR	\$2,338	DS-3FTE	1.25	28.3	320	92.4	80-72/36	02, 03
	1800	208-230/460	286TC	U30S2ACR	\$2,126	DS-3FTE	1.25	28.3	320	91	83-73/37	16
	1800	575	286TC	U30E2GCR	\$2,338	DS-3FTE	1.25	28.3	320	92.4	28.6	02

Note 02 Suitable for Wye-Delta start on voltages shown  
 Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate  
 Note 04 On 60 Hertz Sine Wave power

Note 16 Motors marked 208-230/460 volts may not meet all NEMA® (MG-1) performance standards when operated at 208 volts  
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