

# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Fan Cooled (TEFC)



UTI

## UNIMOUNT<sup>®</sup> Inverter Duty, Premium Efficient - IE3 Variable Torque 20:1 (3-60 Hz) Speed Range Constant Torque 5:1 (12-60 Hz) Speed Range

- \* Inverter Grade<sup>®</sup> Insulation System (Meets NEMA<sup>®†</sup> MG-1 Part 31)
- \* Class F Insulation
- \* 1.25 Service Factor On Sine Wave / 1.0 Service Factor On PWM
- \* 56-140: Rolled Steel Frame Construction
- \* 180-280: Extruded Aluminum Frame Construction
- \* Aluminum End Shields With Steel Bearing Inserts

- \* Lifting Provisions On 180 Frame And Up
- \* Removable Base On 180 Frame And Up
- \* Class F Thermostats (One Per Phase)
- \* Regreasable Bearings Shaft End On 180 Frame And Up
- \* Shaft Grounding Ring

HP	RPM @ 60 Hertz											
	3600		1800		1200		900		720		600	
	Frame	List	Frame	List	Frame	List	Frame	List	Frame	List	Frame	List
0.25	143	\$660	143	\$573	143	\$779	145	\$1,206	—	—	—	—
0.33	143	\$660	143	\$573	143	\$779	145	\$1,206	—	—	—	—
0.5	143	\$660	143	\$573	143	\$779	145	\$1,206	—	—	—	—
0.75	143	\$660	143	\$573	143	\$779	145	\$1,206	—	—	—	—
1	143	\$660	143	\$573	145	\$779	182	\$1,206	213	\$1,629	215	\$2,117
1.5	143	\$660	145	\$635	182	\$864	184	\$1,339	213	\$1,807	254	\$2,349
2	145	\$784	145	\$696	184	\$961	213	\$1,490	215	\$2,012	256	\$2,616
3	182	\$882	182	\$780	213	\$1,191	215	\$1,847	254	\$2,493	—	—
5	184	\$1,106	184	\$906	215	\$1,705	254	\$2,644	256	\$3,569	—	—
7.5	213	\$1,371	213	\$1,240	254	\$2,276	256	\$3,527	—	—	—	—
10	215	\$1,607	215	\$1,497	256	\$2,749	—	—	—	—	—	—
15	254	\$2,299	254	\$2,068	—	—	—	—	—	—	—	—
20	256	\$2,846	256	\$2,548	—	—	—	—	—	—	—	—
25	284	\$3,491	284	\$3,057	—	—	—	—	—	—	—	—
30	—	—	286	\$3,566	—	—	—	—	—	—	—	—

\* For Larger Ratings Not Shown, Refer To Hostile Duty.

\* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

DISCOUNT SYMBOL: DS-VFTM

† All marks shown within this document are properties of their respective owners.



# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Fan Cooled (TEFC)



UTI

## UNIMOUNT<sup>®</sup> Inverter Duty, Premium Efficient - IE3 Constant Torque 20:1 (3-60 Hz) Speed Range

- \* Inverter Grade<sup>®</sup> Insulation System (Meets NEMA<sup>®†</sup> MG-1 Part 31)
- \* Class F Insulation
- \* 56-140: Rolled Steel Frame Construction
- \* 180-280: Extruded Aluminum Frame Construction
- \* Aluminum End Shields With Steel Bearing Inserts

- \* Lifting Provisions On 180 Frame And Up
- \* Removable Base On 180 Frame And Up
- \* Class F Thermostats (One Per Phase)
- \* Regreasable Bearings Shaft End On 180 Frame And Up
- \* Shaft Grounding Ring

HP	RPM @ 60 Hertz											
	3600		1800		1200		900		720		600	
	Frame	List	Frame	List	Frame	List	Frame	List	Frame	List	Frame	List
0.25	143	\$718	143	\$623	143	\$846	145	\$1,311	—	—	—	—
0.33	143	\$718	143	\$623	143	\$846	145	\$1,311	—	—	—	—
0.5	143	\$718	143	\$623	143	\$846	145	\$1,311	—	—	—	—
0.75	143	\$718	143	\$623	145	\$846	182	\$1,311	—	—	—	—
1	143	\$718	145	\$623	182	\$846	184	\$1,311	213	\$1,770	254	\$2,301
1.5	145	\$718	145	\$690	184	\$939	213	\$1,455	215	\$1,964	256	\$2,554
2	145	\$853	145	\$756	213	\$1,045	215	\$1,620	254	\$2,187	—	—
3	182	\$959	182	\$848	213	\$1,295	254	\$2,008	256	\$2,710	—	—
5	184	\$1,203	184	\$985	215	\$1,854	256	\$2,874	—	—	—	—
7.5	213	\$1,490	213	\$1,348	254	\$2,474	—	—	—	—	—	—
10	215	\$1,746	215	\$1,628	—	—	—	—	—	—	—	—
15	254	\$2,499	254	\$2,248	—	—	—	—	—	—	—	—

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# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Non-Vent (TENV)



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## ACCU-Torq<sup>®</sup> Vector Duty, Premium Efficient - IE3 Constant Torque 5000:1, C-Face

- \* Constant Torque Operation From Zero To Base Speed With Vector Drives
- \* Constant HP Operation To Twice Base Speed
- \* Continuous Duty At 40°C Ambient
- \* NEMA<sup>®†</sup> Design-A
- \* Class F Insulation
- \* Class F Thermostats (One Per Phase)
- \* Shaft Grounding Ring
- \* F-1 Standard, Field Convertible To F-2 On 180 Frame And Above
- \* Removable Base 180 Frame And Above
- \* Steel 56-140 Frame; Aluminum On 180 Frame And Above
- \* Encoder And Brake Provision On All Ratings
- \* D-Flange Convertible Kit
- \* Three Year Warranty

HP	RPM @ 60 Hertz											
	3600		1800		1200		900		720		600	
	Frame	List	Frame	List	Frame	List	Frame	List	Frame	List	Frame	List
0.25	145	\$832	145	\$722	143	\$982	145	\$1,355	—	—	—	—
0.33	145	\$832	145	\$722	143	\$982	145	\$1,355	—	—	—	—
0.5	145	\$832	145	\$722	143	\$982	145	\$1,355	—	—	—	—
0.75	145	\$832	145	\$722	145	\$982	182	\$1,355	—	—	—	—
1	145	\$832	145	\$722	145	\$982	182	\$1,355	213	\$1,829	254	\$2,377
1.5	145	\$832	145	\$819	182	\$1,089	184	\$1,503	215	\$2,029	256	\$2,637
2	145	\$989	145	\$877	184	\$1,212	213	\$1,673	254	\$2,258	—	—
3	182	\$1,112	182	\$983	213	\$1,502	215	\$2,073	256	\$2,799	—	—
5	184	\$1,395	184	\$1,143	215	\$2,150	254	\$2,967	—	—	—	—
7.5	213	\$1,728	213	\$1,563	254	\$2,870	256	\$3,960	—	—	—	—
10	215	\$2,026	215	\$1,888	256	\$3,466	—	—	—	—	—	—
15	—	—	254	\$2,607	—	—	—	—	—	—	—	—
20	—	—	256	\$3,213	—	—	—	—	—	—	—	—

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