

# Special Application Air Handling Duty Three Phase, Totally Enclosed Fan Cooled (TEFC) World Motor HOSTILE DUTY® Inverter Duty 20:1 (3-60 Hertz) Speed Range Variable Torque



## APPLICATIONS:

For general purpose air handling equipment including fans and blowers.

## FEATURES:

- Inverter Grade® Insulation System (Meets NEMA® MG-1 Part 31)
- Cast Iron Frame, Cast Iron End Brackets
- Stainless Steel Nameplate & Zinc Plated Hardware
- 40°C Ambient, NEMA® Design B Performance On 60 Hz Sine Wave Power
- Constant Horsepower To 90 Hz
- 1.15 S.F. On Sine Wave / 1.0 S.F. On PWM
- Trickle Treat Class F Insulation With Extra Bracing
- Premium Efficient Design, Special Balance, F1 Assembly Position
- Field Convertible To F2 Mounting
- Steel Fan Cover & Conduit Box
- Corrosion Resistant Mill & Chemical Duty Paint
- Condensation Drains With Plastic Plugs
- Shaft Grounding Ring
- Shaft Slinger On Pulley End For IP54 Protection
- Double Shielded Bearings
- Regreasable Ball Bearings, Lifting Provisions
- Conversion Kits: All Cast Iron Upgrade, C&D Flanges, Canopy Kits
- For VFD Guidelines, Refer to Page vii

HP	RPM	Voltage	Frame	Catalog Number	List	Motor Type	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
25	3600	230/460	284TS	HDA25V1BS	\$2,538	CTI	DS-VSTW	1.15	26.1	310	91.7	58.0/28.8	SGR
	3600	575	284TS	HDA25V1GS	\$2,538	CTI	DS-VSTW	1.15	26.1	310	91.7	23.0	SGR
	1800	230/460	284T	HDA25V2B	\$2,451	CTI	DS-VSTW	1.15	27.5	330	93.6	58.0/29.2	SGR
	1800	575	284T	HDA25V2G	\$2,451	CTI	DS-VSTW	1.15	27.5	330	93.6	23.3	SGR
30	3600	230/460	286TS	HDA30V1BS	\$3,068	CTI	DS-VSTW	1.15	26.1	310	91.7	69.0/35.0	SGR
	3600	575	286TS	HDA30V1GS	\$3,068	CTI	DS-VSTW	1.15	26.1	310	91.7	27.7	SGR
	1800	230/460	286T	HDA30V2B	\$2,933	CTI	DS-VSTW	1.15	26.1	340	93.6	70.0/35.0	SGR
	1800	575	286T	HDA30V2G	\$2,933	CTI	DS-VSTW	1.15	27.5	340	93.6	28.1	SGR
40	3600	230/460	324TS	HDA40V1BS	\$3,588	CTI	DS-VSTW	1.15	28.6	410	92.4	92.0/46.0	SGR
	3600	575	324TS	HDA40V1GS	\$3,588	CTI	DS-VSTW	1.15	28.6	410	92.4	36.0	SGR
	1800	230/460	324T	HDA40V2B	\$3,474	CTI	DS-VSTW	1.15	30.1	450	94.1	93.0/46.0	SGR
	1800	575	324T	HDA40V2G	\$3,474	CTI	DS-VSTW	1.15	30.1	450	94.1	36.0	SGR
50	3600	230/460	326TS	HDA50V1BS	\$4,866	CTI	DS-VSTW	1.15	28.6	480	93.0	112.0/56.0	SGR
	3600	575	326TS	HDA50V1GS	\$4,866	CTI	DS-VSTW	1.15	28.6	480	93.0	45.0	SGR
	1800	230/460	326T	HDA50V2B	\$4,354	CTI	DS-VSTW	1.15	30.1	550	94.5	112.0/56.0	SGR
	1800	575	326T	HDA50V2G	\$4,354	CTI	DS-VSTW	1.15	30.1	550	94.5	45.0	SGR
60	3600	230/460	364TS	HDA60V1BS	\$6,221	CTI	DS-VSTW	1.15	30.1	560	93.6	136.0/68.0	SGR
	3600	575	364TS	HDA60V1GS	\$6,221	CTI	DS-VSTW	1.15	30.1	560	93.6	55.0	SGR
	1800	230/460	364T	HDA60V2B	\$6,075	CTI	DS-VSTW	1.15	32.3	640	95.0	137.0/68.0	SGR
	1800	575	364T	HDA60V2G	\$6,075	CTI	DS-VSTW	1.15	32.3	640	95.4	54.0	SGR
75	3600	230/460	365TS	HDA75V1BS	\$8,084	CTI	DS-VSTW	1.15	30.2	650	94.1	165.0/83.0	SGR
	3600	575	365TS	HDA75V1GS	\$8,084	CTI	DS-VSTW	1.15	30.2	650	94.1	66.0	SGR
	1800	230/460	365T	HDA75V2B	\$7,473	CTI	DS-VSTW	1.15	32.3	700	95.4	170.0/85.0	SGR
	1800	575	365T	HDA75V2G	\$7,473	CTI	DS-VSTW	1.15	32.3	700	95.4	67.0	SGR

Note SGR Shaft Grounding Ring



GENERAL PURPOSE UNIMOUNT®  
GENERAL PURPOSE C-FACE  
GENERAL PURPOSE HOSTILE DUTY  
GENERAL PURPOSE CORRO-DUTY  
GENERAL PURPOSE 84 PLUS®  
GENERAL PURPOSE OPEN DRIPPROOF  
GENERAL PURPOSE HAZARDOUS LOCATION  
GENERAL PURPOSE AUTOMOTIVE DUTY  
COOLING TOWER DUTY  
HAZARDOUS LOCATION  
C-FACE MOTORS  
VARIABLE SPEED MOTORS AND DRIVES