



**FREQUENCY CONVERTER SPECIFICATION**  
**GEORATOR CORPORATION**  
MANASSAS, VIRGINIA 20110

Model No. 33-211

Type 37-A Vertical Frequency Converter

1.0 INPUT:

- 1.1 Motor: Reliance Induction, Rotor & Stator, Frame 254T: 5 H.P., 3 Phase, 50 Hz., 380V, 1450 RPM (Nom.), Georator P/N 18-308 --De-rated for 50 Hz. Use
- 1.2 1.2 Input Current: 8.7 Amperes
- 1.3 Insulation: Class B
- 1.4 Max. Ambient Temperature: 50 degree C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 3 KVA, 100% PF, 3 Phase, 3 Wire, 400 Hz (Nom.), 220V (Nom.)
- 2.2 Output Voltage, No Load: 240V +-2V L-L
- 2.3 Output Frequency Tolerances: 400 Hz at No Load to 388 Hz Minimum at Full Load
- 2.4 Output Current: 7.9 Amperes
- 2.5 Insulation: Class B
- 2.6 Max. Ambient Temperature: 50 Degree C
- 2.7 Duty: Continuous
- 2.8 Dielectric Strength, Windings to Frame: 1500V for 1 Minute

3.0 VIBRATION: Within 0.0015

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

- 5.1 Primer: Modified Alkyd Resin, FED STD TT-P-664D
- 5.2 Paint: Standard Blue Hammertone

6.0 WEIGHT:

- 6.1 Net: 265
- 6.2 Shipping: 325

Revision Letter	Date	Revision Description
ENGINEER	M.T.E.	
APPROVED BY		April 20, 1998