



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

Model No. 33-197  
 Type 37-A Vertical Frequency Converter

1.0 INPUT:

- 1.1 Motor: Siemens, Synduction, Rotor and Stator, Frame G-250BB; 5 H.P., 3 Phase, 50 Hz, 415V, 3 Wire, 1500 RPM; Georator P/N 18-604
- 1.2 Input Current: 10.6 Amperes
- 1.3 Insulation: Class B
- 1.4 Maximum Ambient Temperature: 40°C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 3 KVA, 100% PF, 3 Phase, 12 Wire, 400 Hz, Reconnectable 120/208V (Par. Wye), 240/415V (Ser. Wye), 240V, (Ser. Delta), Or 120V (Par. Delta)--Nominal Voltages
- 2.2 Output Voltage No-Load: 124V +/-1V Per Coil, 6 Coils
- 2.3 Output Current: 8.3 Amperes @ 120/208V--Par. Wye  
 4.2 Amperes @ 240/415V--Ser. Wye  
 7.2 Amperes @ 240V--Ser. Delta  
 14.4 Amperes @ 120V--Par. Delta
- 2.4 Insulation: Class B
- 2.5 Maximum Ambient Temperature: 40°C
- 2.6 Duty: Continuous
- 2.7 Dielectric Strength, Windings To Frame: 1500V For 1 Min.

3.0 VIBRATION: Within 0.0015

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

- 1. Primer: Modified Alkyd Resin, FED STD TT-P-664D
- 2. Paint: Standard Blue Hammertone

6.0 APPROX. WEIGHT:

- 1. Net: 300 Lbs.
- 2. Shipping: 370 Lbs.

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