



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

Model No. 33-187

Type 25-A Vertical Frequency Converter

1.0 INPUT:

- 1.1 Motor: Reliance Stator & Rotor, Fr. Size 284T, Georator P/N 18-597; 25 H.P., 3 Phase, 60 Hz, 575V, 3 Wire, 1750 RPM (Nom.)
- 1.2 Input Current: 26 Amperes
- 1.3 Insulation: Class B
- 1.4 Maximum Ambient Temperature: 50°C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 15 KVA, 100% PF, 3 Phase, 4 Wire, 400 Hz (Nom.), 115/200V (Nom.)
- 2.2 Output Voltage, No Load: Approx. 125V ( $\pm 2V$ ) L-N
- 2.3 Output Current: 43.3 Amperes
- 2.4 Insulation: Class B
- 2.5 Duty: Continuous
- 2.6 Maximum Ambient Temperature: 50°C
- 2.7 Dielectric Strength, Winding To Frame: 1500V For 1 Min.

3.0 VIBRATION: Within 0.0015

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

- 5.1 Primer: Mod Alkyd Resin Red. Fed Std TT-P-664D
- 5.2 Paint: Silver-Blue Enamel
- 5.3 Fasteners: Zinc Plated

6.0 APPROX. WEIGHT:

- 6.1 Net: 450 Lbs.
- 6.2 Shipping: 525 Lbs.

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