



FREQUENCY CONVERTER SPECIFICATION  
GEORATOR CORPORATION  
MANASSAS, VIRGINIA 20110

**Model No. 33-001**

Type 20-A Vertical Frequency Converter

1.0 INPUT:

- 1.1 Motor: Reliance, Induction, Rotor & Stator, Frame 254T,  
Rated: 5.0 H.P., 3 Phase, 60 Hz., 220/440V ( $\pm 10\%$ ), 1760 RPM  
(Nom.), Georator P/N 18-309
- 1.2 Input Current: 15.2/7.6 Amperes
- 1.3 Insulation: Class B
- 1.4 Maximum Ambient Temperature: 50°C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 2.5 kVA, 100% PF, 1 Phase, 400 Hz (Nom.), 115V (Nom.)
- 2.2 Output Voltage, No Load: 124V  $\pm$  1V L-N
- 2.3 Output Current: 21.7 Amperes
- 2.4 Insulation: Class B
- 2.5 Maximum Ambient Temperature: 50°C
- 2.6 Duty: Continuous
- 2.7 Dielectric Strength, Winding To Frame: 1500V For 1 Minute

3.0 VIBRATION: Balance Rotor Within 0.0015

4.0 BEARINGS: Shielded Life Time Lubricated Motor Bearings

5.0 FINISH:

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

6.0 APPROXIMATE WEIGHT:

- 6.1 Net: 201 Lbs.
- 6.2 Shipping: 247 Lbs.

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