



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

Model No. 33-196

Type 20-A Vertical Frequency Converter

1.0 INPUT:

- 1.1 Motor, Rotor & Stator: Reliance, Frame 254T, Georator P/N 18-603; 5.0 H.P., 3 Phase, 60 Hz, 277/480V, 6 Wire, 1760 RPM (Nom.)
- 1.2 Input Current: 12.2/7.0 Amperes
- 1.3 Insulation: Class B
- 1.4 Max. Ambient Temperature: 50°C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 3.0 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 115/200V or 115V (Nom.)
- 2.2 Output Voltage, No Load: 124V  $\pm$ 1V L-N
- 2.3 Output Current: 8.7/15 Amperes
- 2.4 Insulation: Class B
- 2.5 Max. Ambient Temperature: 50°C
- 2.6 Duty: Continuous
- 2.7 Dielectric Strength, Winding To Frame: 1500V For 1 Min.

3.0 VIBRATION:- 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 APPROX. WEIGHT:

- 6.1 Net: 215 Lbs.
- 6.2 Shipping: 250 Lbs.

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