



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

Model No. 33-192

Type 22-A Vertical Frequency Converter

**1.0 INPUT:**

- 1.1 Motor, Rotor & Stator: Reliance, Frame 254-T, Georator P/N 18-318; 15 H.P., 3 Phase, 60 Hz, 220/440V ( $\pm 10\%$ ), 1760 RPM F.L.
- 1.2 Input Current: 40/20 Amperes
- 1.3 Insulation: Class B
- 1.4 Max. Ambient Temperature: 50°C
- 1.5 Duty: Continuous

**2.0 OUTPUT:**

- 2.1 Rating: (A) 9.75 KVA, 100% P.F., 3 Phase, 400 Hz (Nom.), 115/200V or 115V (Nom.)  
 (B) 0.25 KVA, 100% P.F., 1 Phase, 400 Hz (Nom.), 26V  $\pm 1V$  @ F.L.
- 2.2 Output Voltage, No Load: (A) 124V  $\pm 1V$  L-N (B) 28V  $\pm 1V$
- 2.3 Output Frequency Tolerances: 420 Hz N.L. To 410 Hz Min. @ F.L.
- 2.4 Output Current: (A) 28/48.7 Amperes  
 (B) 9.6 Amperes
- 2.5 Insulation: Class B
- 2.6 Max. Ambient Temperature: 50°C
- 2.7 Dielectric Strength, Winding To Frame: 1500V For 1 Minute.

**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: 280 Lbs.
- 6.2 Shipping: 350 Lbs.

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