



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

**Model No. 30-094**  
**Type 51-A Unit Shell Frequency Converter**

**1.0 INPUT:**

- 1.1 Motor: Peerless Rotor & Stator; 3 H.P., 1 Phase, 50 Hz, 115/230V, 2925 RPM, Induction Motor; Georator P/N 18-154
- 1.2 Input Current: 34/17 Amperes
- 1.3 Insulation: Class B
- 1.4 Temperature Rise: 40°C
- 1.5 Duty: Continuous

**2.0 OUTPUT:**

- 2.1 Rating: 2 KVA, 1000% PF, 3 Phase, 400 Hz (flom.), 115/200V or 115V (Nom.)
- 2.2 Output Voltage, No Load: 124V f 1V L-N
- 2.3 Output Current: 10/5.8 Amperes
- 2.4 Insulation: Class B
- 2.5 Temperature Rise: 40°C
- 2.6 Dielectric Strength, Winding to Frame: 1500V for 1 min.

**3.0 VIBRATION:**- Within 0.001

**4.0 BEARINGS:** Shielded Life Time Lubricated

**5.0 FINISH:**

- 5.1 Primer: Iridite Aluminum Parts
- 5.2 Paint: Silver-Blue Enamel

**6.0 WEIGHT:**

- 6.1 Net: 140 Lbs.
- 6.2 Shipping: 165 Lbs.

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



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