



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

Model No. 30-098  
 Type 51-A Unit Shell Frequency Converter

**1.0 INPUT:**

- 1.1 Motor: Stator & Rotor; 1.5 H.P., 3 Phase, 50 Hz, 220/380V, 2900 RPM (Nom.), Georator P/N 18-157
- 1.2 Input Current: 6.1/3.5 Amperes
- 1.3 Insulation: Class B
- 1.4 Temperature Rise: 55 C
- 1.5 Duty: Continuous

**2.0 OUTPUT:**

- 2.1 Rating: 1.0 KVA, 100% PF, 1 Phase, 400 Hz (Nom.), 115V (Nom.)
- 2.2 Output Voltage, No Load: 124V +/-1V
- 2.3 Output Frequency Tolerance: 400 Hz @ N.L. to 388 Hz 0 F.L.
- 2.4 Output Current: 8.7 Amperes
- 2.5 Insulation: Class B
- 2.6 Temperature Rise: 40 C
- 2.7 Dielectric Strength, Winding to Frame: 1500V for 1 Min.

**3.0 VIBRATION:** Within 0.001

**4.0 BEARINGS:** Sealed Life Time Lubricated

**5.0 FINISH:**

- 5.1 Primer: Iridite
- 5.2 Paint: Silver-Blue Enamel
- 5.3 Fasteners: Zinc Plt.

**6.0 WEIGHT:**

- 6.1 Net: 117 Lbs.
- 6.2 Shipping: 145 Lbs.

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