



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

**Model No. 30-007**

**1.0 INPUT:**

- 1.1 **Motor:** Reliance Rotor & Stator; 3 HP, 1-Phase, 60 Hz, 115/230V, 1750 RPM (Nom.), Capacitor Start, Induction Run, Georator P/N 18-012-R
- 1.2 Input Current At Full Load: 37/18.5 Amperes
- 1.3 Insulation: Class B
- 1.4 Maximum Ambient Temperature: 50 Deg. C.
- 1.5 Duty: Continuous

**2.0 OUTPUT:**

- 2.1 **Generator:** Permanent Magnet, 2.0 kVA, 100% P.F., 3-Phase, 400 Hz Nom, 115/200V or 115V (Nom.)
- 2.2 Output Voltage - No Load: 124V +/-1V L-N
- 2.3 Output Frequency: 420 Hz @ N.L. to 408 Hz Min. @ F.L.
- 2.4 Output Current: 10/5.8 Amps
- 2.5 Insulation: Class B
- 2.6 Maximum Ambient Temperature: 50 Deg. C
- 2.7 Duty: Continuous
- 2.8 Dielectric Strength: Winding to Frame 1500V for 1 Minute

**3.0 VIBRATION:**

- 3.1 Within .001 Inches

**4.0 BEARINGS:**

- 4.1 Sealed - Life Time Lubricated

**5.0 FINISH:**

- 5.1 Primer: Modified Alkyd Resin, Fed Std. TT-P-664D
- 5.2 Paint: Silver-Blue Enamel
- 5.3 Fasteners: Steel, Zinc Plated

**6.0 APPROX. WEIGHT:**

- 6.1 Net: 137 Lbs.
- 6.2 Shipping 165 Lbs.

Revision Letter	Date	Revision Description
-		
A	3-13-90	Changed Input Current; Motor changed from Peerless
	ENGINEER	J.M.
	APPROVED BY	July 31, 1992