FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-006

1.0 INPUT:

1.1 **Motor:** Reliance Rotor & Stator; 1.1 HP, 3-Phase, 60 Hz, 208-220/440V +/-10%, 3520 RPM F.L, Induction Type, Georator P/N 18-006-R
1.2 Input Current At Full Load: 5.2/2.6 Amperes Approx.
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, 0.75 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 Curent: 3.8/2.2 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 Shielded - 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: 51 Lbs.
6.2 Shipping 64 Lbs.

Revision Letter	Date	Revision Description
-		

ENGINEER	J.M.
APPROVED BY	February 22, 1994