FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION

MANASSAS, VIRGINIA 20110

Model No. 30-107

Type 51-A Unit Shell Frequency Converter

1.0 INPUT:

1.1 Motor: Peerless Stator & Rotor, 1.5 H.P., I Phase, 50 Hz, 115/230V, 2900 RPM (Nom.), Capacitor Start Induction Run; Georator P/N 18-283
1.2 Input Current: 20/10 Amperes
1.3 Insulation: Class A
1.4 Temperature Rise: 40 C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 1.0 KVA, 100% PF, 3 Phase, 400 Hz Nom. (400 N.L. to 388 F.L.), 115/200V or 115V (Nom)
2.2 Output Voltage, No Load: 124V +/-1V L-N
2.3 Output Current: 5/2.9 Amperes
2.4 Insulation: Class A
2.5 Temperature Rise: 40 C
2.6 Dielectric Strength, Winding to Frame: 1500V for I Min.

3.0 VIBRATION: Within 0.001

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

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

6.0 WEIGHT:

6.1 Net: 116 Lbs.
6.2 Shipping: 146 Lbs.

Rev. Letter	Date	Revision Description

ENGINEER	
APPROVED BY	05/06/2005