FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-108
Type 51-A Unit Shell Frequency Converter

1.0 INPUT:

1.1 Motor: Rotor & Stator: 2-1/4 H.P., 1 Phase, 50 Hz, 115/230V, 2900 RPM Nom., Capacitor Start Induction Run Motor. Georator P/N 18-218
1.2 Input Current: 24/12 Amperes
1.3 Insulation: Class B
1.4 Maximum Ambient Temperature: 50 Degree C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 1.5 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 115/200V or 115V (Nom.)
2.2 Output Voltage; No Load: 124 +- 1V L-N
2.3 Output Current: 7.5/4.3 Amperes
2.4 Output Frequency Tolerances: 400 Hz NL To 388 Hz Min. At FL
2.5 Distortion: 8% Maximum
2.6 Insulation: Class B
2.7 Maximum Ambient Temperature: 50 Degree C
2.8 Dielectric Strength, Winding To Frame: 1500V For 1 Minute

3.0 VIBRATION: Within 0.001

4.0 BEARING: Shielded Lifetime Lubricated

5.0 FINISH:

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

6.0 APPROX. 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