FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION

MANASSAS, VIRGINIA 20110

Model No. 30-090
Type 51-A Frequency Converter

1.0 INPUT:

1.1 Motor: Rotor & Stator, 1.5 H.P., 1 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 B
1.4 Maximum Ambient Temperature: 50 Degree C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 1.0 KVA, 100% P.F., 1 Phase, 400 Hz (Nom.), 115V (Nom.)
2.2 Output Voltage, No Load: 124 +-1V
2.3 Ouput Frequency Tolerance: 400 Hz @ N.L. To 386 Hz Min. At F.L.
2.4 Output Current: 8.7 Amperes
2.5 Insulation: Class B
2.6 Maximum Ambient Temperature: 50 Degree C
2.7 Dielectric Strength, Winding To Frame: 1500V For 1 Minute

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 APPROX. WEIGHT:

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

Revision Letter	Date	Revision Description

ENGINEER	M.T.E.
APPROVED BY	April 20, 1998