FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 33-047

Type 33-A Vertical Frequency Converter

1.0 INPUT:

1.1 Motor, Rotor & Stator: Reliance, Frame 254T, Georator P/N 18-449, 7.5 H.P., 3 Phase, 50 Hz, 220/380V, 6 Leads, 1450 RPM (Nom.).
1.2 Input Current: 22.5/13 Amperes
1.3 Insulation: Class B
1.4 Temperature Rise: 55°C
1.5 Duty: Continuous
1.6 Dielectric Strength, Winding to Frame: 1880V for 1 Min.

2.0 OUTPUT:

2.1 Rating: 5 KVA, 100% PF, 1 Phase, 400 Hz (Nom.), 115V (Nom.).
2.2 Output Voltage, No Load: 124V +/-1V
2.3 Output Frequency Tolerances: 400 Hz No Load to 388 Hz Min.at Full Load
2.4 Output Current: 43.5 Amperes
2.5 Temperature Rise: 40°C
2.6 Duty: Continuous
2.7 Dielectric Strength, Winding to Frame: 1500V for 1 Min.

3.0 VIBRATION: Within 0.0015

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

5.1 Primer: Modified Alkyd Resin
5.2 Paint: Silver-Blue Enamel

6.0 APPROX. WEIGHT:

6.1 Net: 300 Lbs.
6.2 Shipping: 366 Lbs.

Revision Letter	Date	Revision Description

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