FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 33-050

Type 33-A Vertical Frequency Converter

1.0 INPUT:

1.1 Motor: Reliance, Induction, Stator and Rotor, Fr. size 254T; 15 H.P., 3 Phase, 50 Hz, 220/380V, 6 Wire, 1450 RPM (Nom.); Georator P/N 18-297
1.2 Input Current: 44/25 Amperes
1.3 Insulation: Class B
1.4 Max. Ambient Temperature: 50°C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 10 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 115/200V or 115V (Nom.)
2.2 Output Voltage, No Load: 124V +/-1V L-N
2.3 Output Current: 50/29 Amperes
2.4 Insulation: Class B
2.5 Max. Ambient Temperature: 50°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 Motor Bearings

5.0 FINISH:

5.1 Primer: Alkyd, Red Iron Oxide, Fed Std TT4-664D
5.2 Paint: Silver-Blue Enamel

6.0 WEIGHT:

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

Rev. Letter	Date	Revision Description

ENGINEER	
APPROVED BY	05/06/2005