FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION

MANASSAS, VIRGINIA 20110

Model No. 33-206

Type 37-A Vertical Frequency Converter

1.0 INPUT:

1.1 Motor: Reliance, Induction, Rotor And Stator, Frame 254T; 5 HP, 3 Phase, 50 Hz, 240/415V, 6 Leads, 1450 RPM (Nom.); Georator P/N 18-538.
1.2 Input Current: 15/8.7 Amperes
1.3 Insulation: Class B
1.4 Max. Ambient Temperature: 50 Degrees C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 2.5 KVA, 100% PF, 1 Phase, 400 Hz (Nom.), 115V (Nom.).
2.2 Output Voltage, No Load: 117V +-1V
2.3 Output Current: 21.7 Amperes
2.4 Insulation: Class B
2.5 Max. Ambient Temperature: 50 Degrees C
2.6 Duty: Continuous
2.7 Dielectric Strength, Winding To Frame: 1500V For 1 Minute

3.0 VIBRATION: Within 0.0015

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

5.1 Primer: Modified Alkyd Resin, FED STD TT-P-664D
5.2 Paint: Standard Blue Hammertone

6.0 APPROXIMATE WEIGHT:

6.1 Net: 285 Lbs.

Revision Letter	Date	Revision Description

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