FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 33-005
Type 21-A Vertical Frequency Converter

1.0 INPUT:

1.1 **Motor:** Reliance Rotor and Stator, Frame 254T, 12 H.P., 3 Phase, 60 Hz, 220/440V (±10%), 1760 RPM (Nom.) F.L., Georator P/N 18-310
- 1.1.1 Input Current: 36/18 Amperes At Full Load
- 1.1.2 Insulation Class: B
- 1.1.3 Temperature Rise: 40°C
- 1.1.4 Duty: Continuous

2.0 OUTPUT:

2.1 **Rating:** 7.5 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 Frequency Tolerance: 420Hz N.L., to 410Hz F.L.
2.4 Output Current: 37.6/21.7 Amperes
2.5 Insulation Class: B
2.6 Duty: Continuous
2.7 Temperature Rise: 40°C
2.8 Dielectric Strength, Winding To Frame: 1500 V 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, Fed Std. TT-P-664D
5.2 Paint: Silver-Blue Enamel
5.3 Hardware: Steel, Zinc-plated

6.0 APPROX. WEIGHT:

6.1 Net: 265 Lbs.
6.2 Shipping: 350 Lbs.

Rev. Letter	Date	Revision Description

ENGINEER	
APPROVED BY	05/06/2005