FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION

MANASSAS, VIRGINIA 20110

Model No. 33-002-1
Type 21-A Vertical Frequency Converter

1.0 INPUT:

1. Motor, Rotor & Stator: Reliance, Frame 254T, Rated: 5 H.P., 3 Phase, 60 Hz, 220/440V (+/-10%), 1760 RPM (Nom.), Georator P/N 18-308
2. Input Current: 15.2/7.6 Amperes
3. Insulation: Class B
4. Maximum Ambient Temperature: 50 Degrees C
5. Duty: Continuous

2.0 OUTPUT:

1. Rating: 3.5 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 115/200V Or 115V (Nom.)
2. Output Voltage, No Load: 119V +-1V L-N
3. Output Frequency Tolerances: 420 Hz N.L. To 410 Hz Minimum @ F.L.
4. Voltage Regulation: 10% Maximum @ 100% P.F.
5. Output Current: 10.1/17.5 Amperes
6. Insulation: Class B
7. Maximum Ambient Temperature: 50 Degrees C
8. Dielectric Strength: Winding To Frame 1500V For 1 Minute

3.0 VIBRATION: Within 0.0015

4.0 BEARINGS: Shielded Life Time Lubricated Motor Bearings

5.0 FINISH:

1. Modified Alkyd Resin, FED STD TT-P-664D
2. Paint: Silver-Blue Enamel

6.0 APPROX. WEIGHT:

1. Net: 215 Lbs.
2. Shipping: 265 Lbs.

Revision Letter	Date	Revision Description

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