FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION

MANASSAS, VIRGINIA 20110

Model No. 33-199

Type 21-A Vertical Frequency Converter

1.0 INPUT:

1.1 Motor, Rotor And Stator: Reliance, Induction Frame 254T, Georator P/N 18-615: 12 HP, 3 Phase, 60 Hz, 277/480V (+-10%), 6 Wire, 1760 RPM (Nom.).
1.2 Input Current: 29.5/17 Amperes
1.3 Insulation: Class B
1.4 Temperature Rise: 40 Degrees C
1.5 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: 124 +-1V L-N
2.3 Output Frequency Tolerances: 420 Hz No Load To 410 Hz Minimum @ Full Load.
2.4 Output Current: 37.6/21.7 Amperes
2.5 Insulation: Class B
2.6 Temperature Rise: 40 Degrees C
2.7 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:

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

6.0 APPROXIMATE WEIGHT:

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

Revision Letter	Date	Revision Description

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