FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-010

Type 13-A Unit Shell Frequency Converter

1.0 INPUT:

1.1 Motor: Peerless Stator & Rotor: 1/2 H.P., 3 Phase, 60 Hz, 208-220/440V, 3500 RPM (Nom.), Capacitor Start Induction Run, Georator P/N 18-044
1.2 Input Current: 1.8/.9 Amperes
1.3 Insulation: Class B
1.4 Max. Ambient Temperature: 50 Degrees C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 0.25 KVA, 100% P.F, 1 Phase, 400 Hz Nom., 115V (Nom.)
2.2 Output Voltage, No Load: 124 +-1V
2.3 Output Frequency Tolerance: 420 Hz @ No Load to 408 Hz Min. @ Full Load
2.4 Output Current: 2.2 Amperes
2.5 Insulation: Class B
2.6 Max. Ambient Temperature: 50 Degrees C
2.7 Duty: Continuous
2.8 Dielectric Strength, Winding to Frame: 1500V for 1 minute

3.0 VIBRATION: Within 0.001

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

5.1 Primer: Iridite
5.2 Paint: Silver-Blue Enamel
5.3 Fasteners: Zinc-Plated

6.0 APPROX. WEIGHT:

6.1 Net: 43 Lbs.
6.2 Shipping: 56 Lbs.

Revision Letter	Date	Revision Description

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