FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-001

Type 13-A Unit Shell Frequency Converter

1.0 INPUT:

1.1 Motor: Reliance Stator & Rotor: 1/2 H.P., 1 Phase, 60 Hz, 115/230V, 3500 RPM (Nom.), Capacitor Start Induction Run, Georator P/N 18-003R
1.2 Input Current: 8.2/4.1 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., 115 VAC Nom.
2.2 Output Voltage, No Load: 124 +-1V
2.3 Output Frequency Tolerance: 420 Hz @ No Load to 410 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: Primer: Modified Alkyd Resin, Fed Std. TT-P-664D
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.

Rev. Letter	Date	Revision Description
A	5-4-5	Added Note 9.2 Changed WD from 25-073 to 25-1728

ENGINEER	
APPROVED BY	05/06/2005