FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-016

Type 14-A Unit Shell Frequency Converter

1.0 INPUT:

1.1 Motor: Reliance Rotor & Stator To Rate: 3/4 H.P., 3 Phase, 60 Hz, 208-220/440V, 3500 RPM (Nom.), Georator P/N 18-006-R
1.2 Input Current: 4.2/2.1 Amperes
1.3 Insulation: Class B
1.4 Max. Ambient Temperature: 50 Degrees C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 0.50 KVA, 100% P.F., 3 Phase, 400 Hz Nom., 115/200V or 115V (Nom.)
2.2 Output Voltage, No Load: 124 +-IV L-N
2.3 Output Frequency Tolerance: 420 Hz @ No Load To 408 Hz Min. @ Full Load
2.4 Output Current: 2.5/1.45 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 I 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: 52 Lbs.
6.2 Shipping: 65 Lbs.

Rev. Letter	Date	Revision Description

ENGINEER	
APPROVED BY	05/06/2005