FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION

MANASSAS, VIRGINIA 20110

Model No. 30-029

Type 19-A Unit Shell Frequency Converter

1.0 INPUT:

1.1 Motor: Stator And Rotor: 4.5 HP, 3 Phase, 60 Hz, 208-220/44OV, 1760 RPM F.L., Induction Georator P/N 18-014-R.
1.2 Input Current: 12.6/6.3 Amperes
1.3 Insulation: Class B
1.4 Max. Ambient Temperature: 50 Degrees C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 2.5 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 115/200V Or 115V (Nom.)
2.2 Output Voltage, No Load: 124V +-1V L-N
2.3 Output Current: 12.5/7.2 Amperes
2.4 Output Frequency Tolerance: 420 Hz @ No Load To 410 Hz Min. @ Full Load
2.5 Insulation: Class B
2.6 Max. Ambient Temperature: 50 Degrees C
2.7 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 APPROXIMATE WEIGHT:

6.1 Net: 127 Lbs.
6.2 Shipping: 160 Lbs.

Rev. Letter	Date	Revision Description

ENGINEER	
APPROVED BY	05/06/2005