FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION

MANASSAS, VIRGINIA 20110

Model No. 30-012

Type 18-A Unit Shell Frequency Converter

1.0 INPUT:

1.1 Motor: Stator And Rotor; 1.5 HP, 3 Phase, 60 Hz, 208-220/440V, 1760 RPM (Nom.); Georator P/N 18-008.
1.2 Input Current: 5/2.5 Amperes
1.3 Insulation: Class B
1.4 Max. Ambient Temperature: 50 C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 1.0 KVA, 100% PF, 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 410 Hz (Min.) @ Full Load
2.4 Output Current: 8.7 Amperes
2.5 Insulation: Class B
2.6 Max. Ambient Temperature: 50 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 Treatment
5.2 Paint: Silver-Blue Enamel
5.3 Fasteners: Zinc Plated

6.0 APPROXIMATE WEIGHT:

6.1 Net: 115 Lbs.
6.2 Shipping: 150 Lbs.

Revision Letter	Date	Revision Description

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