FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-018

Type 16-A Unit Shell Frequency Converter

1.0 INPUT:

1.1 Motor: Peerless Stator And Rotor: 1-1/2 HP, 3 Phase, 60 Hz, 208-220/440V, 1760 RPM Full Load, Georator P/N 18-008.
1.2 Input Current: 5/2.5 Amperes
1.3 Insulation: Class B
1.4 Max. Ambient Temperature: 50 Degrees C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 1.0 KVA, 3 Phase, 100% PF, 400 Hz (Nom.), 115/200V Or 115V (Nom.)
2.2 Output Voltage, No Load: 124 +-1V L-N
2.3 Output Frequency Tolerance: 420 Hz @ No Load To 410 Hz, Min. @ Full Load
2.4 Output Current: 5/2.9 Amperes
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

6.0 APPROXIMATE WEIGHT:
6.1 Net: 105 Lbs.
6.2 Shipping: 145 Lbs.

Revision Letter	Date	Revision Description

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