



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-227

Type 19-A Unit Shell Frequency Converter

1.0 INPUT:

- 1.1 Motor: Stator And Rotor: 4.5 HP, 3 Phase, 60 Hz, 208-220/440V, 1750 RPM (Nom.), Induction Motor, Georator P/N 18-014.
- 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: 120.5V \pm .5V L-N
- 2.3 Output Frequency Tolerance: 420 Hz @ No Load To 410 Hz Minimum @ Full Load
- 2.4 Output Current Rating: 12.5/7.2 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
- 5.3 Fasteners: Zinc Plated

6.0 APPROXIMATE WEIGHT:

- 6.1 Net: 165 Lbs.
- 6.2 Shipping: 200 Lbs.

Revision Letter	Date	Revision Description
ENGINEER	M.T.E.	
APPROVED BY		April 20, 1998