



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
 MANASSAS, VIRGINIA 20110

Model No. 30-102
 Type 51-A Unit Shell Frequency Converter

1.0 INPUT:

- 1.1 Motor: Stator & Rotor; 1.5 H.P., 3 Phase, 50 Hz, 220/380V, 2925 RPM F.L., Georator P/N 18-157
- 1.2 Input Current: 6.1/3.5 Amperes
- 1.3 Insulation: Class B
- 1.4 Temperature Rise: 55 C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 1.0 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 115/200V or 115V (Nom.)
- 2.2 Output Voltage, No Load: Approx. 124V L-N
- 2.3 Output Frequency Tolerance: 400 Hz @N.L. to 388 Hz @F.L.
- 2.4 Output Current: 5/2.9 Amperes
- 2.5 Insulation: Class B
- 2.6 Temperature Rise: 40 C
- 2.7 Dielectric Strength, Winding to Frame: 1500V for I Min.

3.0 VIBRATION: Within 0.001

4.0 BEARINGS: Sealed Life Time Lubricated

5.0 FINISH:

- 5.1 Primer: Iridite
- 5.2 Paint: Silver-Blue Enamel
- 5.3 Fasteners: Zinc Plate

6.0 APPROX. WEIGHT:

- 6.1 Net: 117 Lbs.
- 6.2 Shipping: 145 Lbs.

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