



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-108
Type 51-A Unit Shell Frequency Converter

1.0 INPUT:

- 1.1 Motor: Rotor & Stator: 2-1/4 H.P., 1 Phase, 50 Hz,
115/230V, 2900 RPM Nom., Capacitor Start Induction
Run Motor. Georator P/N 18-218
- 1.2 Input Current: 24/12 Amperes
- 1.3 Insulation: Class B
- 1.4 Maximum Ambient Temperature: 50 Degree C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 1.5 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 115/200V or
115V (Nom.)
- 2.2 Output Voltage; No Load: 124 +- 1V L-N
- 2.3 Output Current: 7.5/4.3 Amperes
- 2.4 Output Frequency Tolerances: 400 Hz NL To 388 Hz Min.
At FL
- 2.5 Distortion: 8% Maximum
- 2.6 Insulation: Class B
- 2.7 Maximum Ambient Temperature: 50 Degree C
- 2.8 Dielectric Strength, Winding To Frame: 1500V For
1 Minute

3.0 VIBRATION: Within 0.001

4.0 BEARING: Shielded Lifetime Lubricated

5.0 FINISH:

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

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