# FREQUENCY CONVERTER SPECIFICATION
# GEORATOR CORPORATION

MANASSAS, VIRGINIA 20110

**Model No. 30-004**
**Type 13-A Unit Shell Frequency Converter**

1.0 INPUT:

1.1 Motor: Reliance Rotor & Stator: 1/2 H.P., 1 Phase, 60 Hz, 115/23OV, 3500 RPM (Nam.), Capacitor Start Induction Run, Georator P/N 18-003-R
1.2 Input Current: 8 - 2 A . 1 Amperes
1.3 Insulation:Class B
1.4 Max. Ambient Temperature: 50 Degrees C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 0.25 KVA$ 100% P.F, 3 Phase, 400 Hz Nam., 115/200V or 115V (Nam.)
2.2 Output Voltage, No Load: 124 +-1V L-N
2.3 Output Frequency Tolerance: 420 Hz @ No Load To 405 Hz Min. @ Full Load
2.4 Output Cur-rent: 1.25/0.72 Amperes
2.5 Insulation: Class B
2.6 Max. Ambient Temperature: 50 Degrees C
2.7 Duty: Continuous
2.8 Dielectric Strength, Winding To Frame: 1500V For I 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 APPROX. WEIGHT:

6.1 Net: 51 Lbs.
6.2 Shipping: 65 Lbs.

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