



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-028
Type 19-A Unit Shell Frequency Converter

1.0 INPUT:

- 1.1 Motor: Stator And Rotor: 2-1/4 HP, 1 Phase, 60 Hz,
115/230V, 1760 RPM Full Load, Georator P/N 18-011.
- 1.2 Input Current: 30/15 Amperes
- 1.3 Insulation: Class B
- 1.4 Max. Ambient Temperature: 50 Degrees C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 1.5 KVA, 100% PF, 1 Phase, 400 Hz (Nom.),
115V (Nom.).
- 2.2 Output Voltage, No Load: 124V +-1V
- 2.3 Output Current: 13.1 Amperes
- 2.4 Output Frequency Tolerance: 420 Hz @ No Load To 410 Hz
Min. @ Full Load
- 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: 127 Lbs.
- 6.2 Shipping: 160 Lbs.

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