FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 33-102
Type 25-A Vertical Frequency Converter

1.0 INPUT:

1.1 Motor: Reliance Rotor & Stator, Frame Size 284T:25 H.P., 3 Phase, 60 Hz, 208-220/440V, 1750 RPM (Nom.), Georator P/N 18-413
1.2 Input Current: Amperes 68/34
1.3 Insulation: Class B
1.4 Maximum Ambient Temperature: 55^{o}C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 15 KVA, 100% PF, 3 Phase, 400 Hz (Nam.), 115/200V or 115V (Nam.)
2.2 Output Voltage, No Load: 125V (+-2V) L-N
2.3 Output Frequency Tolerances: 420 Hz No Load To 410 Hz Minimum At Full Load
2.4 Output Current: 75/43.3 Amperes
2.5 Insulation: Class B
2.6 Duty: Continuous
2.7 Maximum Ambient Temperature: 40^{o}C
2.8 Dielectric Strength, Winding To Frame: 1500V For 1 Minute

3.0 VIBRATION: Within 0.0015

4.0 BEARINGS: Sealed Life Time Lubricated Motor bearings

5.0 FINISH:

5.1 Primer: Modified Alkyd Resin, Fed Std. TT-P-664D
5.2 Paint: Silver-Blue Enamel
5.3 Fasteners: Steel, Zinc Plated

6.0 APPROX. WEIGHT:

6.1 Net: 450 Lbs.
6.2 Shipping: 525 Lbs.

Rev. Letter	Date	Revision Description

ENGINEER	
APPROVED BY	05/06/2005