



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 33-207
Type 33-A Vertical Frequency Converter

1.0 INPUT:

- 1.1 Motor: Reliance, Induction, Rotor And Stator, Frame 254T; 5 HP, 3 Phase, 50 Hz, 240/415V, 6 Leads, 1450 RPM (Nom.); Georator P/N 18-538.
- 1.2 Input Current: 15/8.7 Amperes
- 1.3 Insulation: Class B
- 1.4 Max. Ambient Temperature: 50 Degrees C
- 1.5 Duty: Continuous
- 1.6 Dielectric Strength, Winding To Frame: 1880V For 1 Minute

2.0 OUTPUT:

- 2.1 Rating: 3.5 KVA, 100% PF, 1 Phase, 400 Hz (Nom.), 115V (Nom.).
- 2.2 Output Voltage, No Load: 124V +-1V
- 2.3 Output Frequency Tolerances: 400 Hz No Load To 388 Hz Minimum At Full Load
- 2.4 Output Current: 30.4 Amperes
- 2.5 Max. Ambient Temperature: 50 Degrees C
- 2.6 Duty: Continuous
- 2.7 Dielectric Strength, Winding To Frame: 1500V For 1Minute

3.0 VIBRATION: Within 0.0015

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

- 5.1 Primer: Modified Alkyd Resin, FED STD TT-P-664D
- 5.2 Paint: Silver-Blue Enamel

6.0 APPROXIMATE WEIGHT:

- 6.1 Net: 300 Lbs.
- 6.2 Shipping: 366 Lbs.

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