



**FREQUENCY CONVERTER SPECIFICATION**  
**GEORATOR CORPORATION**  
 MANASSAS, VIRGINIA 20110

Model No. 33-201

Type 33-A Vertical Frequency Converter

**1.0 INPUT:**

- 1.1 Motor, Rotor And Stator: Reliance, Frame 254T, Georator P/N 18-318 (Re-Rated For 50 Hz Use); 12 HP, 3 Phase, 50 Hz, 380V, 1450 RPM (Nom.).
- 1.2 Input Current: 20.3 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: 1500V For 1 Minute

**2.0 OUTPUT:**

- 2.1 Rating: 7.5 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 115/200V Or 115V (Nom.).
- 2.2 Output Voltage, No Load: 124V +-1V L-N
- 2.3 Output Frequency Tolerances: 400 Hz No Load To 388 Hz Minimum @ Full Load
- 2.4 Output Current: 22/38 Amperes
- 2.5 Max. Ambient Temperature: 50 Degrees C
- 2.6 Duty: Continuous
- 2.7 Dielectric Strength, Winding To Frame: 1500V For 1 Minute

**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