

FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
 MANASSAS, VIRGINIA 20110

Model No. 33-154
Type 25-A Vertical Frequency Converter

1.0 INPUT:

- 1.1 **Motor:** AC Induction, Reliance Rotor and Stator, Frame 286T, 30 H.P., 3 Phase, 60 Hz, 220/440V, 1750 RPM (Nom.), Georator P/N 18-547
 - 1.1.1 Input Current: 78/39 Amperes At Full Load
 - 1.1.2 Insulation Class: B
 - 1.1.3 Max. Ambient Temp: 50°C
 - 1.1.4 Duty: Continuous

2.0 OUTPUT:

- 2.1 **Rating:** 20 kVA, 100% PF, 3 Phase, 400 Hz (Nom.), 115/200V (Wye) Nom., Or 115V (Delta) Nom.
- 2.2 Output Voltage, No Load: 125V ± 2V L-N
- 2.3 Output Frequency Tolerance (Approx.): 420Hz No Load, To 410Hz Full Load
- 2.4 Output Current: 58/100 Amperes
- 2.5 Insulation Class: B
- 2.6 Duty: Continuous
- 2.7 Maximum Ambient Temperature: 50°C
- 2.8 Dielectric Strength, Winding To Frame: 1500 V For 1 Min.

3.0 VIBRATION: Within 0.0015"

4.0 BEARINGS: Shielded Lift Time Lubricated

5.0 FINISH:

- 5.1 Primer: Alkyd, Red Iron Oxide, Fed Std. TT-P-664D
- 5.2 Paint: Silver-Blue Enamel
- 5.3 Fasteners: Plated

6.0 APPROX. WEIGHT:

- 6.1 Net: 500 Lbs.
- 6.2 Shipping: 575 Lbs.

Rev. Letter	Date	Revision Description
A	3/5/98	Spec re-Typed, 2.3 Added, 5.1 Primer was Zinc Chromate
ENGINEER	M.T.E.	
APPROVED BY		March 5, 1998