Troubleshooting

The unit will not run.	1. Check for correct connections. 2. Check for correct power supply voltage. 3. In a 3ϕ unit check for equal voltage in all 3 phases.
The unit runs hot.	1. Make sure the unit is running with a belt. If the application does not require a belt be sure the motor is No Belt (NB) series. 2. Load not to exceed the capacity of the unit. 3. Check the current draw and make sure it is not higher than the rated current on the name plate.
The unit will hum, start but very slowly or not start at all.	1. On 1ϕ units, check the capacitor and starting switch. 2. On 3ϕ units, check for equal voltage on all 3 legs or open phase in the winding.
The unit will trip off overload or fuses.	1. Check the Drum Motor for a short to ground. 2. If no short to ground is present, apply the rated input voltage and with an ammeter, measure the current and ensure that there is a balance of +/-10% variance between all three phases.
The unit is noisy.	1. Check the installation of the unit. 2. Make sure that the arrow on the shaft, opposite to the junction box, is pointing up. 3. Check for excess belt tension and relieve.

NOTE: If any of the above mentioned attempts to correct the problem have been performed and the problem persists call Van der Graaf Technical Support 1 (888) 326-1476.