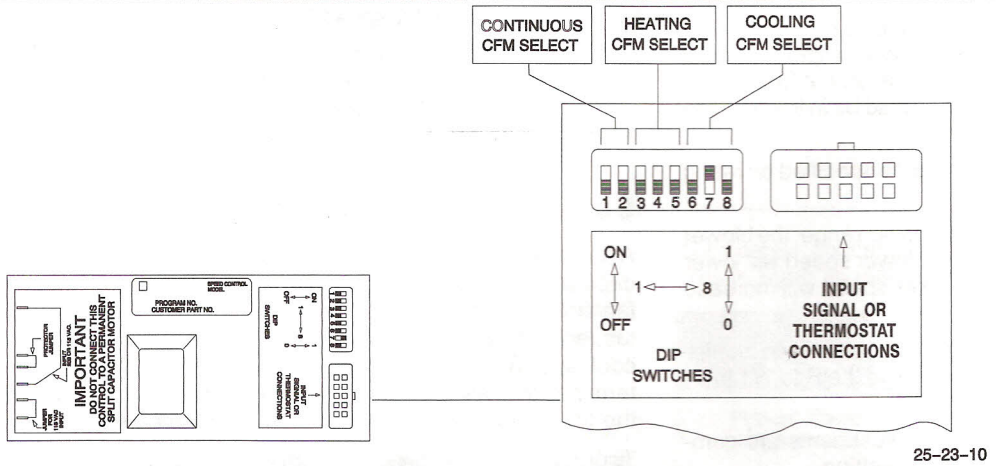
2. The heating, cooling and continuous blower speeds can be adjusted by changing the switch settings that are located on the motor control (see **Figure 37**). Switches #1 and #2 adjust the continuous blower speeds. Switches #3, #4 and #5 adjust the heating speeds. Switches #6, #7 and #8 adjust the cooling speed. See the "*Technical Support Manual*" for the switch settings for the desired airflow rates for the installation.

Figure 37 **Blower Motor Control**



0 1 0

***EXAMPLE**
Cooling Airflows Switches 6, 7 & 8:

000 3.5 Ton
001 3.0 Ton
010 2.5 Ton
011 2.0 Ton

***See "Technical Support Manual" for correct airflow rates.**

9. Furnace Maintenance

CAUTION

It is recommended that the furnace be inspected and serviced on an annual basis (before the heating season) by a qualified service technician.

See *"User's Information Manual" and the "Service Manual".*

10. Sequence of Operation & Diagnostics

The following is the normal operating sequence for the 2-stage control system.

Cooling (Y) Request:

24 VAC signals applied to Y & G terminals of EFT (electronic fan timer) control.

- Cool motor speed energized after 5 second Cool Fan On Delay time.

Y & G signals removed from EFT.

- Cool motor speed de-energized after 60 second Cool Fan Off Delay time.

Cooling (Y) and dehumidification (Y2) requests:

- 24 VAC signals applied to Y, Y2 & G terminals of EFT (electronic fan timer) control.
- Same operation as the cooling (Y) request, except the cooling speed is reduced 20% to compensate for high humidity conditions during cooling operation. The cooling speed returns to the normal setting after the Y2 signal is removed.

Circulating Fan (G) Request:

24 VAC signals applied to G terminals of EFT control.

- Low motor speed energized without delay.

G signal removed from EFT.

- Low motor speed de-energized without delay.

NOTE1) Furnaces with DC blower motors run a low circulating fan speed in response to G request.