

SIMPLICOOOL GRS 2100 FIELD OPERATION GUIDE

Temperature control:

Cabinet temperature is adjusted using a 4 position DIP switch on the control board or thru the MDB interface. Adjust the set point to the desired level using the chart below (Figure 1.5). A 70 degree setting is recommended for chiller snack applications (anything lower may cause excessive condensation on the glass) A temperature Differential of 6 degrees, 2 below set point and 4 above set point is normal.

SWITCH #	POP / SODA VENDOR															CHILLER		MDB
	+34	+36	+38	+40	+42	+45	+50	+55	+60	+65	+70	+75	SET POINT IN DEGREE'S F					
1	*			*		*		*		*		*		*				
2	*			*	*			*	*			*	*	*	*			
3	*			*	*	*				*	*	*	*	*	*			
4						*	*	*	*	*	*	*	*	*	*			

ON *
 " ON " position is to the right

Figure 1.5

Startup Procedure:

Due to the unique design of the unit, some components will react differently than expected. Before the unit is plugged in, check all sealing surfaces for a tight fit and that all the holes in the cabinet from the exhaust fans and power lines have been sealed. Check that all straps ,bolts, cords and vents are installed and secured. Double check the temperature setting switches are set to the desired cabinet temperature. **(Note: these switches are only read during startup, changing the switches after power is applied will not affect the cabinet temperature.)** To change the cabinet temperature, turn off the unit, change switches to the desired setting and restart. After the above checks are complete, plug in the unit and observe the indicator LEDs on the power panel. (Figure 1.6) All LEDs will flash in sequence as the controller goes thru it's system checks. After the system check is complete, the compressor will be delayed for 3 minutes before the cooling cycle begins. All components in the GRS unit are individually controlled and may start or stop at any time depending on ambient and cabinet temperatures, this is normal operation and should not be a cause for concern. The indicator LEDs will illuminate as each component is switched on, see Figure 1.6 for the designation of each LED.

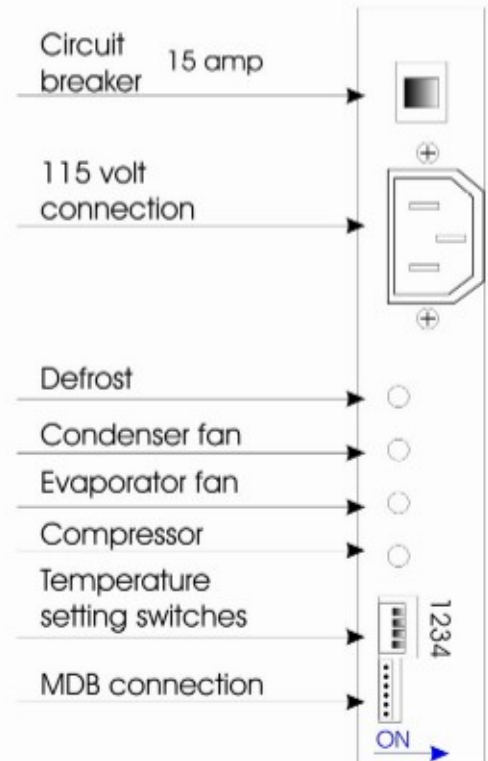


Figure 1.6

Troubleshooting Procedure:

If no LEDs flash at start-up or when power re-applied, first check power to machine and power cord to the cube. The only other action available is to check button on the 15 amp circuit breaker at the top of the controller. If circuit breaker is not tripped, cube is defective and must be exchanged.

If LEDs are all flashing, cube is defective and must be exchanged.