



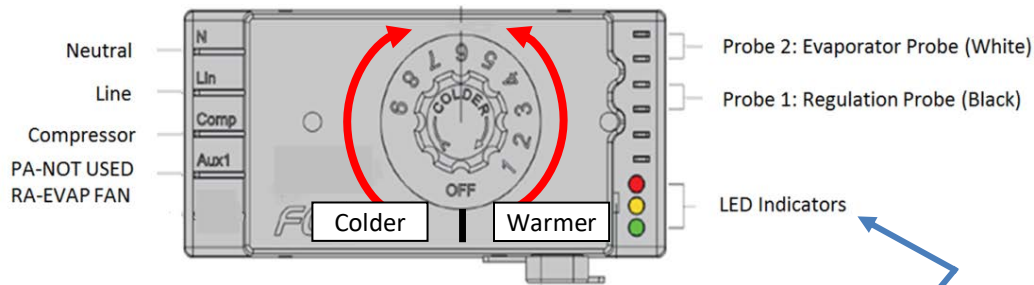
TEMPERATURE ADJUSTMENT WITH ELECTRONIC DIAL CONTROLLER

1. Remove the front grill by pulling outward on the top. This allows access to the electronic temperature controller



TEMPERATURE CONTROL KNOB

2. The temperature control knob has 9 positions and an OFF position. **Position 1** sets the controller to operate at the warmest temperature while **Position 9** operates the controller at the coldest temperature.



SUMMARY OF LED INDICATORS

**Consult factory for further details*

LEDs			Description
R	Y	G	
●	○	○	Off (Voltage Protection or not programmed)
○	☀	○	Cooling satisfied, compressor protection delay active
○	○	☀	Cooling satisfied, compressor protection delay complete
○	●	○	Cooling requested, compressor protection delay active
○	○	●	On (Cooling Demand, Comp ON)
●	○	●	Defrost
○	1	○	Probe #1 fault (1blink every 2 secs)
○	2	○	Probe #2 fault (2 blinks every 2 secs)
⊖	⊖	⊖	Dial in OFF position
⊗	⊗	⊗	Internal power supply fault
KEY			
●	●	○	ON OFF
☀	☀	⊖	Flashing (1s) Blinking (2s) Cycling (0.5s)
☀			Flashing (0.2s)

PROBE RESISTANCE VALUES

°F	°C	KΩ	°F	°C	KΩ	°F	°C	KΩ
1	-17.2	935.4	33	0.6	340.6	65	18.3	137.4
3	-16.1	875.3	35	1.0	320.9	67	19.4	130.2
5	-15.0	819.5	37	2.8	302.5	69	20.6	123.4
7	-13.9	767.6	39	3.9	285.2	71	21.7	117.0
9	-12.8	719.3	41	5.0	269.0	73	22.8	111.0
11	-11.7	674.3	43	6.1	253.9	75	23.9	105.3
13	-10.6	632.4	45	7.2	239.7	77	25.0	100.0
15	-9.4	593.1	47	8.3	226.3	79	26.1	95.0
17	-8.3	556.7	49	9.4	213.8	81	27.2	90.2
19	-7.2	522.8	51	10.6	202.0	83	28.3	85.7
21	-6.1	491.2	53	11.7	190.9	85	29.4	81.5
23	-5.0	461.7	55	12.8	180.6	87	30.6	77.4
25	-3.9	434.1	57	13.9	170.9	89	31.7	73.7
27	-2.8	408.4	59	15.0	161.7	91	32.8	70.1
29	-1.7	384.3	61	16.1	153.1	93	33.9	66.7
31	-0.6	361.8	63	17.2	145.0	95	35.0	63.5

SOLID TOP TEMPERATURE SETTINGS

KNOB POSITION	CUT IN TEMP	CUT OUT TEMP
OFF	-	-
Position 1	42	39
Position 2	41	38
Position 3	40	37
Position 4	39	36
Position 5	38	35
Position 6	37	34
Position 7	36	33
Position 8	35	32
Position 9	34	31

CUT IN temperature is the temperature sensed by the regulation probe that will start the refrigeration system.

CUT OUT temperature is the temperature sensed by the regulation probe that will stop the refrigeration system.

NOTE: The regulation probe (black probe) is located in the return air stream of the evaporator coil.

OPEN TOP TEMPERATURE SETTINGS

KNOB POSITION	CUT IN TEMP	CUT OUT TEMP
OFF	-	-
Position 1	38.0	32.0
Position 2	37.5	31.5
Position 3	37.0	31.0
Position 4	36.5	30.5
Position 5	36.0	30.0
Position 6	35.5	29.5
Position 7	36.0	29.0
Position 8	34.5	28.5
Position 9	34.0	28.0