

Cooler

Programming the Dixell Control - Cooler

The Dixell controller is an elapsed time refrigeration control. In addition to controlling internal case temperature, the control will cause defrost to occur at regular time intervals (default setting is one defrost every 12 hours).

The timer begins its defrost countdown to defrost when the case is powered up or when a manual defrost is initiated. In this way, the time that defrost occurs can be controlled (if desired).

How to see the set point

1. Push and immediately release the SET key. The display will show the set point value.
2. Push and immediately release the SET key, or wait for 5 seconds to display the probe value again.

How to change the set point

1. Push the SET key for more than 2 seconds.
2. The value of the set point will be displayed and the * LED starts blinking
3. Press the UP or DOWN arrows to raise or lower the set point temperature.
4. Press the SET key again, or wait 10 seconds and the new value will be stored.

How to start a manual defrost

1. Push the DEF key for more than two seconds and a manual defrost will start.

How to change a parameter value

1. Press and hold the SET key and the DOWN arrow for 3 seconds. Two LEDs will begin blinking on the display
2. Use the UP and DOWN arrows to move to the desired parameter
3. Press the SET key. The current value for the parameter will be displayed.
4. Press the UP and DOWN arrow keys to change the value
5. Press the SET key to store the new value and move to the next value.
6. To exit out of the menu, press the SET and UP keys or wait 15 seconds without pressing a key.

Dixell XR40C Cooler				
Display Symbol	Parameter	Description	Range/Options	Factory Setting
Set	Set point	Coldest case temperature	30 - 50 degrees F	34
Hy	Differential	Sets temperature range inside the case. Min case temp = set point Max case temp = set point plus differential	1 - 255 degrees F	4
AC	Anti-short cycle delay	Interval between compressor stop and restart	0 - 50 minutes	1
dtE	Defrost termination temperature	Sets the temperature measured by the evaporator probe which causes the end of defrost.	-58 - 122 degrees	75
ldF	Interval between defrost cycles	Time interval between defrost cycles	0 - 120 hours	8
Mdf	Maximum length for defrost	Sets length of defrost, unless dtE is reached	0 - 120 minutes	30