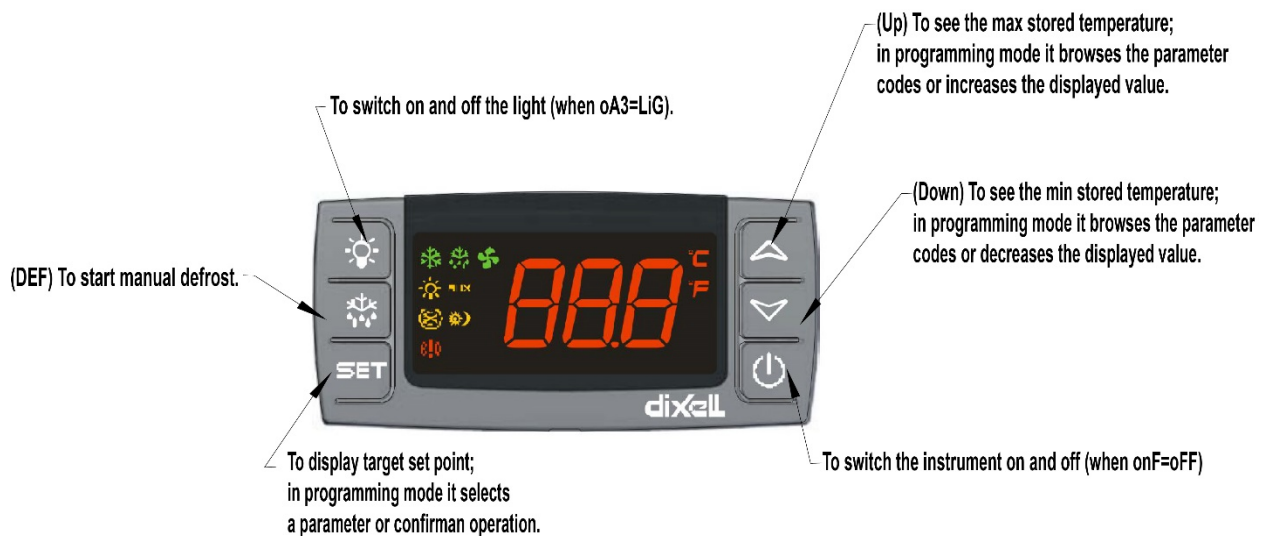


Dixell XR75CX Controller

Function:

The Dixell XR75CX is a microprocessor based controller used on Hillphoenix low-temperature display cases.

Controller:



Menus:

There are three menus on this controller that may need adjusted.

Menu 1 is programmed for set-point.

Menu 2 is programmed for differential and defrost settings.

Menu 3 is programmed for the defrost termination probe, defrost termination value, interval between defrosts, and maximum defrost length.

Menu 1	Set-point: ST = cut-out (°F)
Menu 2	Differential: (HY) Defrost termination value: (dE) Interval between defrost: (idF) Maximum defrost length: (NdF) Drip time: (Fdt) Differential for forced fans: (Fct) Fan stop temperature: (FSt) Set-point for aux relay: (SAA) Differential for aux relay: (SHy) Differential for temperature alarm recovery: (AFH)
Menu 3	Differential for forced fans: (Fct) Fan stop temperature: (FSt) Set-point for aux relay: (SAA) Differential for aux relay: (SHy) Differential for temperature alarm recovery: (AFH)

Setup Instructions:

- To unlock the keypad, press and hold the up and down arrows at the same time until “PON” is displayed.
- To lock the keypad, press and hold the up and down arrows until “POF” is displayed.

Menu 1

- To access **Menu 1**: Push the “SET” key for more than 2 seconds until the “F” or “C” icon blinks.



Menu 1	Set-point: ST = cut-out (-12 °F)
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- Once in the setup mode, push “SET” hold for more than 2 seconds. ST will appear, press “SET” and release. This will show the current set-point.
- Use the up and down buttons to change the value.
- Press “SET” button to store the new value.
- To exit: Press “SET” + the up arrow at the same time or let the display time out without holding any buttons for 15 seconds.

Menu 2

Menu 2	Differential: (HY) Defrost termination value: (dE) Interval between defrost: (idF) Maximum defrost length: (NdF) Drip time: (Fdt)
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- To access **Menu 2**, while in Menu 1 press “SET” and the down arrow at the same time and hold for more than 2 seconds.
- When the “HY” appears you are now in Menu 2.
- Press “SET” to check the parameter for “HY”.
- Press “SET” button to store the new value and move to the following parameter.
- To scroll through the menu, push the up and down arrows.
- To exit: Press “SET” + the up arrow at the same time or let the display time out without holding any buttons for 15 seconds.

Menu 3

Menu 3	Differential for forced fans: (FCt) Fan stop temperature: (FSt) Set-point for aux relay: (SAA) Differential for aux relay: (SHy) Differential for temperature alarm recovery: (AFH)
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- To access **Menu 3**, while in Menu 2 press “SET” and the down arrow at the same time and hold for more than 7 seconds.
- If changing a value, press “SET” button to store the new value and move to the following parameter.
- To scroll through the menu, push the up and down arrows.
- To exit: Press “SET” + the up arrow at the same time or let the display time out without holding any buttons for 15 seconds.

Frequently asked questions:

Does the temperature shown on the controller indicate the display case or product temperature?

The temperature displayed on the controller reflects the air temperature of where the probe is located in the display case, not the product temperature. The defrost termination probe is mounted on one of the center loops on the end of the coil...opposite of the TXV end of the coil.

What are factory recommended set-points temperatures for varying products?

Gelato = -10

Frozen seafood = -20

How long will the display case be in defrost?

The controller is programmed to defrost every 8 hours, 3 times a day.

Is there an option for manual defrost?

There is an option to put the display case in manual defrost, simply push the defrost button (snowflake) until “dF” is displayed. The display case will be in the defrost mode for approximately 40 minutes or until the display case reaches its defrost termination temperature. Example: When the defrost temperature reaches +32° the fans cycle off and stay off until the case drops temperature back down to +12° so the fans will not blow hot air through the case causing the product (gelato, seafood) to raise in temperature.

Once the manual defrost is activated, can the manual defrost be cancelled?

The manual defrost cannot be cancelled.

After a manual defrost is complete will it automatically start the refrigeration after a set time?

After defrost is complete, the snowflake on the LED screen will automatically appear indicating the compressor and fans are on and the display case temperature will start to decrease.

For more information, please contact Specialty Technical Support at (833) 280-5714