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NEW XR80CX

Developed for dairy and automation industry. Can be used on milk cooling and storage systems or on refrigerated air dryers.

New controller developed for the dairy farming and for moist air treatment.

The new XR80CX is the best solution for milk cooling and storage systems and for refrigerated air dryers in automation processes.



DIXELL presents a new controller, the XR80CX, developed for the dairy and automation industries. It replaces the old XR80C preserving the same wiring diagrams.

It comes with a compressor output, a programmable output, a TTL communication port to be used with supervising systems and a digital input.

In the dairy industry it can be used to store and preserve freshly drawn milk. In fact, XR80CX can manage an engine acting as an agitator, used to keep stable and uniform the milk temperature in the tank, and a compressor, used to keep the milk refrigerated.

In the automation industry it can be used in all those processes which need treatments of moist hot air (for example in paint booths or in pneumatic control systems). In these applications an output can be programmed to act as a water drain out mechanism, working at predefined time intervals.

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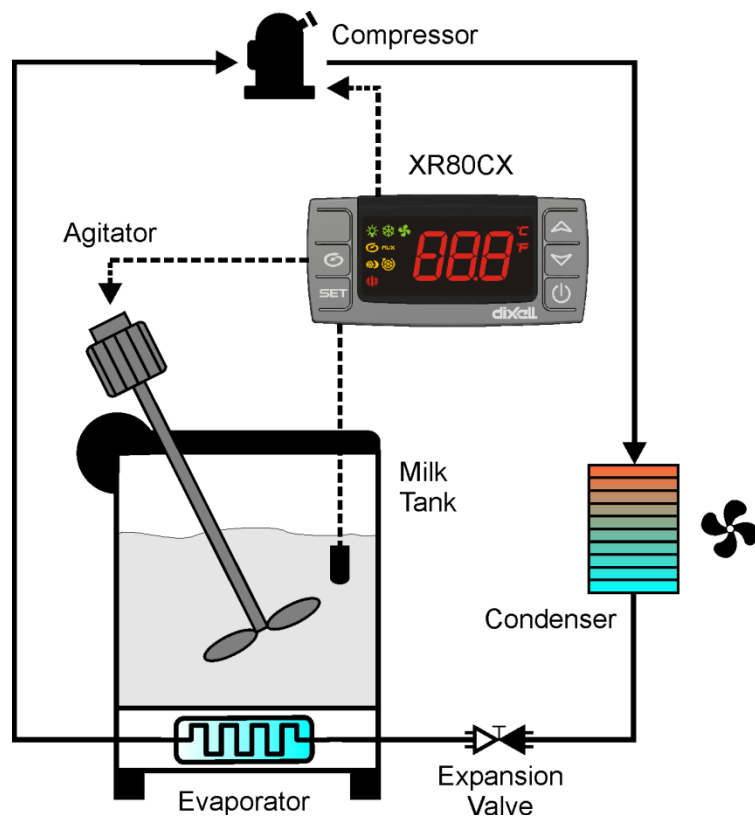
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TYPICAL APPLICATIONS

1. Milk cooling and storage systems

In these applications it is very important to quickly cool down the freshly drawn milk and keep it at around 3/4°C to retain optimal milk quality. The XR80CX is the best solution thanks to the possibility of controlling two different loads separately.



The agitator works in parallel with the compressor. After stopping the compressor, the controller starts automatic mixing cycles to maintain uniform the temperature of the milk. In addition to this, a mixing cycle can be started by using the front key or after receiving an external command (which can be a digital input or a MODBUS command).

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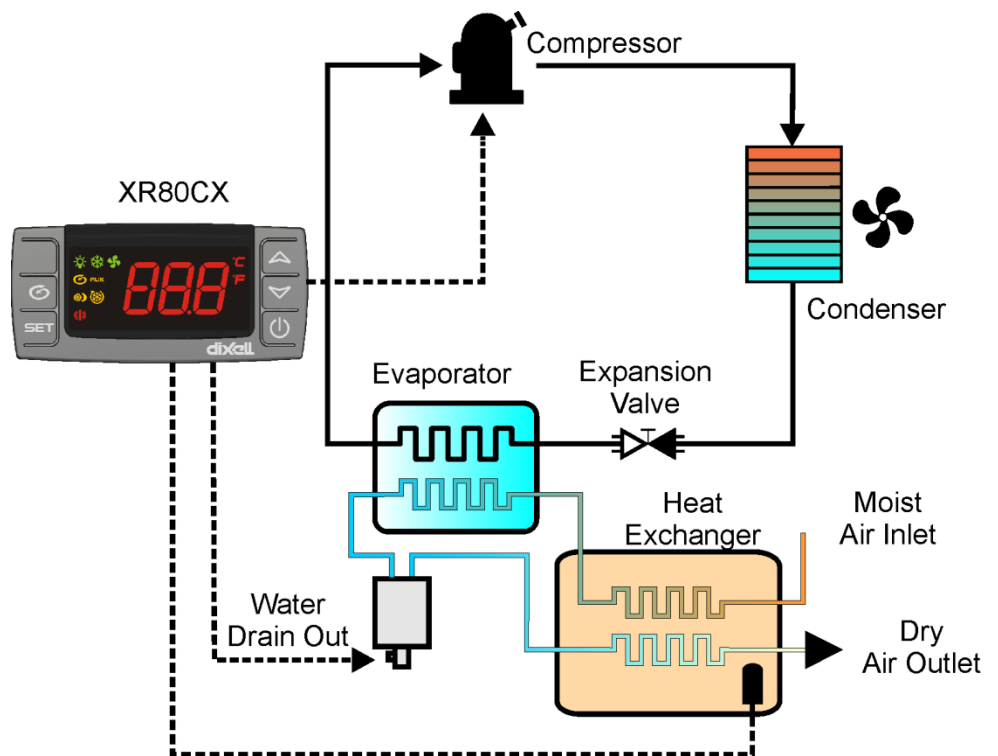
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2. Refrigerated Air Dryers

In the modern production processes, the treatment of the hot moist air used is very important (for example the air used for paint booths or automation). In these applications the air dryer cools the air causing moisture to condense into liquid water. The water is then collected and drained out of the system leaving only dry air.



By setting the second output as a water drain output, it is possible to use the XR80CX in the management of air dryers. The drain output relay will be activated and deactivated at a predefined interval of time to clean the air filter placed after the evaporator.

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COMPARISON BETWEEN XR80C AND XR80CX

The XR80CX models replace the XR80C models preserving the same wiring diagrams but with an innovative characteristic: they have a digital input and a communication port.

MODELS:

XR80C	XR80CX
<p>Compressor relay 20A</p>	<p>Compressor relay 20A</p>
<p>Compressor relay 8A</p>	<p>Compressor relay 8A</p>

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HOW TO ORDER

XR80CX – A B C D E

- **A:** power supply
- **B:** regulation probe
- **C:** internal buzzer
- **D:** measurement unit
- **E:** compressor relay

A	B	C	D	E
0 = 12VDC 4 = 110VAC 5 = 220VAC	N = NTC P = PTC	0 = no 1 = YES	C = °C F = °F	0 = 8A 1 = 20A

PRICES

Contact our sales office for prices and quotations.

AVAILABILITY AND ORDERS

The XR80CX is already available with standard delivery time.

