Solutions for Refrigeration and Heating

Universal-BLE replacement controller with Bluetooth®connectivity

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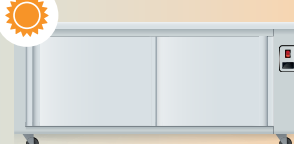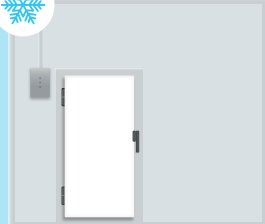
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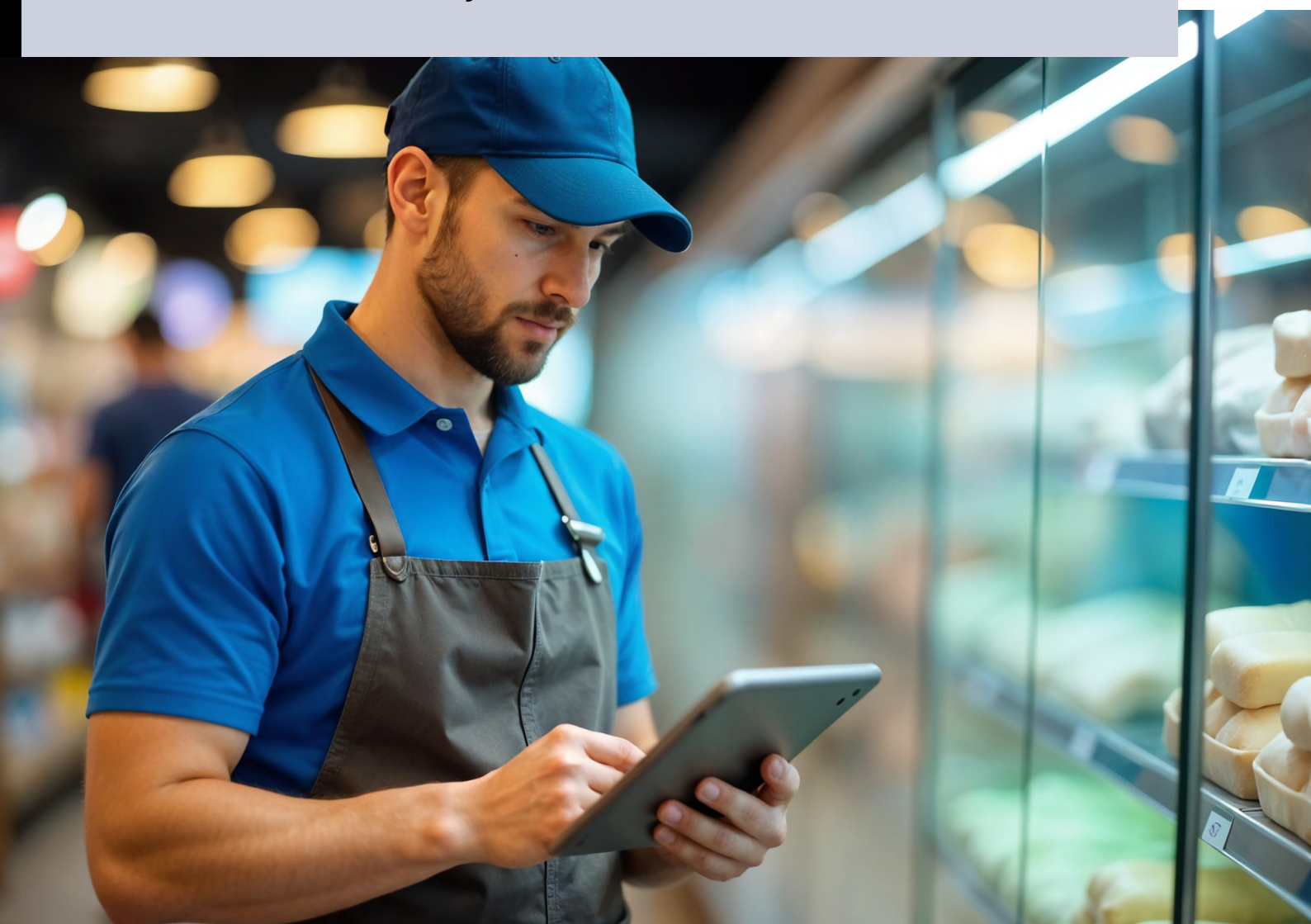
Universal-BLE replacement controller with Bluetooth® connectivity

The **UNIVERSAL-BLE** controller replaces the majority of refrigeration/heating industry standard 32x74mm format controllers in their most typical applications. It guarantees high flexibility and connectivity through Bluetooth® communication system and a dedicated APP that allows to control applications in real time and update the controllers remotely. The UNIVERSAL-BLE controller has been developed to allow for the refrigeration technician to replace any refrigeration control easily with just two SKUs stocked on their service truck.
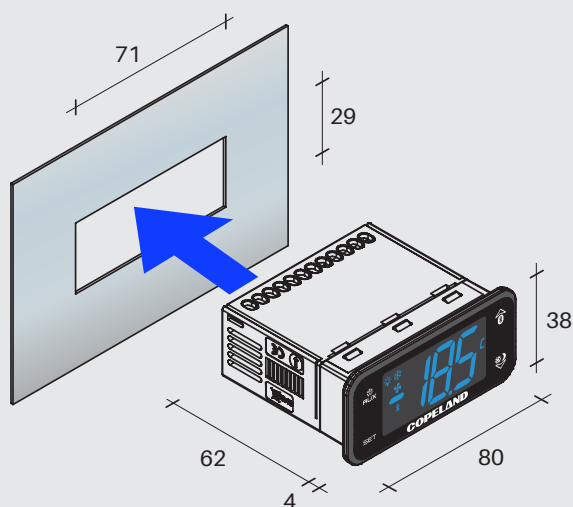
- Convenient, versatile, easy to install
- Fast configuration
- Simplified maintenance and cost reduction
- 110Vac and 230Vac supply voltage versions
- Double map configurations ready with one button pressing selection
- Application maps available on the website for download to the controller via Copeland CONNECTED App
- Kit with two probes included to cover all the applications
- Embedded data logging for easy troubleshooting

Applications

Dimensions

71
29
38
62
80
4

SUPERMARKET

FROZEN
FOOD
OPEN

SERVICE

REPLACES

XR35CX/CH, XR70CX/CH, XR71CX/CH, XR72CX/CH, XR75CX/CH, XR77CX/CH

Technical features

MODELS	XR60CHC	XR77CHC
Display	Red with ± 3 d.p	Blue with ± 3 d.p.
Power supply	110Vac, 230Vac	110Vac, 230Vac
Probe inputs	3 x NTC*	3 x NTC**
Digital inputs	up to 2 x configurable**	up to 2 x configurable**
Relay outputs	20A + 8A + 5A	16A + 16A + 5A + 7A
External ports	HOT KEY or TTL	HOT KEY or TTL, RS485
Terminals	screw	plug-in
Buzzer	present	present
Data logger	present	present
RTC with lithium battery	present	present

* Up to 2 NTC/Pt1000 when the digital input is configured as probe | **Up to 3 NTC/Pt1000 when the digital inputs are configured as probe

Dedicated App

Through Bluetooth® communication and the Copeland CONNECTED App, available for both iOS and Android, interaction with the unit is even more immediate. It is now possible to check the application operation in real time via the user interface available on your mobile device (smartphone, tablet), thus expanding functionality and usability. It will therefore be possible to have full control of the unit to which you connect, and the configuration, control and maintenance activities will be even more simplified. The App provides complete reporting with graphs and statistics, allows you to view messages relating to the status of the refrigerated cabinets (presence of alarm conditions), and identifies users in order to manage user access and permission levels securely and centrally.

- Ready to be used in a few minutes

- Advanced machine status display and analysis

- Simplified maintenance and cost reduction

- Parameter maps always at your fingertips

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