

QCC QUAD CHANNEL CONTROLLER END OF SALE NOTIFICATION



Notification:

June 15, 2021

This notice serves as formal communication of Critical Environment Technologies (CET)'s decision to discontinue the QCC Quad Channel Controller. CET will maintain replacement units and parts until the End of Service timeline is reached for customers with a valid warranty.

TABLE 1: End of Service Timeline

Sunset Milestone	Date
End of Sale Notification Date	June 15, 2021
Last Time to Buy	August 15, 2021
Last Ship Date	September 15, 2021
Warranty Period*	2 years from date of purchase
End of Service and RMA Support	July 15, 2023
Last Day Replacement Parts are Available	July 15, 2026**

*Please refer to our [Terms and Conditions of Sale](#) for more information.

**Or sooner based on material availability.

Reason for Termination:

CET is committed to providing class leading products to our customers by engineering better gas detection solutions. With the introduction of our new 4 channel Flexible Control System (FCS) we have determined that there is no need to continue with the QCC given the better performance of the FCS over the QCC.

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Replacement Product and Backwards Compatibility:

We are pleased to introduce a 4-channel model of our high performing FCS Flexible Control System that replaces the QCC.

Introduced in 2017, the FCS is a proven system controller that offers a more robust user experience with a large, full color LCD resistive touch screen, data logging and an additional relay and horn/strobe connection. The FCS also utilizes a real time clock and offers data logging, enhanced logic control, zoning and extra priority structure capabilities.

The FCS-4 comes standard with 4 Modbus® RTU RS-485 connections for 4 digital transmitters. If analog transmitters are required it can be ordered with 4 analog inputs (option -AI). With the AI option, the FCS-4 can accommodate digital and/or analog transmitters up to a maximum of 4 gas channels.

The FCS-4 offers Modbus® RTU RS-485 (model: FCS-4-M) or BACnet® MS/TP RS-485 (model: FCS-4-B) output for communicating with a BAS or DCC.

Other familiar features like the size of the enclosure, audible alarm, ability to connect to the same peripheral devices and option to add a top mounted strobe, manual shutoff switch and internal heater remain the same.

TABLE 2: QCC to FCS-4 Equivalency Table

OLD PART NUMBER	NEW PART NUMBER
QCC-M	FCS-4-M (add Option -AI for 4 analog inputs)
QCC-B	FCS-4-B (add Option -AI for 4 analog inputs)

Please see Table 3 for comparison between the new FCS-4 and the old QCC.

Should a QCC system in the field need replacing, the FCS-4 can make all the same connections as the QCC, plus it offers more features. If the QCC system has analog transmitters, the FCS-4 will need to be ordered with the -AI option.

TABLE 3: Comparison of Features between the new FCS-4 and the old QCC

	FCS-4 (NEW)	QCC (OLD)
Interface	Large, full color LCD resistive touch screen LEDs	LCD display with push buttons LEDs
Relays	4 SPDT dry contact rated 5A @240VAC	3 SPDT dry contact rated 5A @240VAC
4 Inputs	Modbus® and/or 4 – 20 mA analog Modbus® or BACnet®	Modbus® and/or 4 – 20 mA analog Modbus® or BACnet®
Outputs	Four 4 - 20 mA (Option -AO) 2 horn/strobe terminals	Two 4 - 20 mA (Option -AO) 1 horn/strobe terminal
Data Logging	Included	came with Option -AO
Door Lock & Keys	Ability to lock the enclosure to prevent unauthorized access (Option -DL)	n/a
Top Mounted Strobe	Option -L	Option -L
Manual Shutoff Switch	Option -SW	Option -SW
Watertight Buzzer	Option -WA	Option -WA
Internal Heater	Option -IH	Option -IH
Priorities/Zoning	60 priorities for channels, relays, strobes and horns and internal buzzer with logic controls: <ul style="list-style-type: none"> • Gas Concentration • Calibration Expired • Time of Day Control • Title-24 Occupied 	8 priorities for channels, relays, strobes and horns and internal buzzer with logic controls: <ul style="list-style-type: none"> • Gas Concentration
Firmware Updates	Analog output tracks single channel, peak or average of channels, step and/or VFD with optional time delays in step mode USB port	Analog output tracks single channel, peak or average of channels USB port