

REGAL SAV

Safety Actuator Valve 7/30/2026

Owner's Manual

Installation, Operation & Maintenance

For chlorine gas cylinders and ton containers

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Read this entire manual before installing or operating the system.

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1. Introduction & Safety

1.1 What the Regal SAV Does

The Regal SAV is a powered emergency shutoff system for chlorine gas service. It automatically closes the valves on chlorine cylinders or ton containers when a leak is detected or an emergency stop is triggered, protecting plant personnel and the surrounding community. A wall-mounted controller with a touchscreen interface monitors the system and commands one or more motorized **actuators** that mount directly onto the existing cylinder or ton-container valves. No modification of the existing valve is required.

Important: the actuator is a powered **closing** device. Opening a chlorine valve is always done manually with a chlorine valve wrench, following your facility's procedures and The Chlorine Institute guidelines.

1.2 Understanding the Safety Messages in This Manual

This manual uses four signal words. Learn what each means before you begin:

DANGER

Indicates a hazard that, if not avoided, will result in serious injury or possibly death.

WARNING

Indicates a hazard that, if not avoided, could result in serious injury or possibly death.

CAUTION

Indicates a hazard that, if not avoided, could result in minor or moderate injury, or equipment damage.

NOTICE

Provides information important to proper installation, operation, or maintenance that is not hazard-related.

1.3 Critical Safety Warnings

Read this entire section before any work. Chlorine gas service is inherently hazardous, and this system does not eliminate that hazard — it helps you respond to it.

DANGER

Chlorine gas is highly toxic and corrosive. Exposure can cause severe respiratory damage, chemical burns, or death.

Always follow The Chlorine Institute Chlorine Manual and all applicable local, state, and federal regulations.

WARNING

Personal protective equipment. Wear full PPE appropriate to chlorine service — a respirator with chlorine-rated cartridges (or SCBA per your site plan), chemical-resistant gloves, eye protection, and protective clothing. Never work alone.

Additional mandatory precautions:

- **Ventilation and detection.** Ensure the area has adequate ventilation and operating gas-detection equipment before entering or beginning work.
- **Emergency equipment.** Confirm an emergency eyewash and safety shower are accessible near the work area.
- **De-energize and isolate.** Before any installation, wiring, or maintenance, turn off power at the breaker and manually close all cylinder valves.
- **Leak testing.** Test all process connections for leaks using an approved method before placing the system into service. Never rely on the rate valve as a shutoff.
- **Trained personnel only.** All users must be trained in chlorine handling and in this system before operating it.
- **If something is wrong, stop.** If you smell chlorine, hear unusual noises, or see a system fault, stop work immediately, evacuate if necessary.

1.4 Emergency Procedure

If a chlorine leak or other emergency occurs:

1. **Activate an emergency stop** — press the physical E-Stop button or the on-screen E-Stop on the controller.
2. The system immediately commands all connected actuators to close their valves. Each actuator closes in under 5 seconds.
3. The controller sounds its audible (speaker) alarm and activates the visual strobe to indicate the chlorine alarm condition.
4. Evacuate and account for personnel per your facility emergency plan. Do not re-enter until the area is confirmed clear by gas detection.
5. Do not reset the controller until the room is confirmed clear of chlorine — residual gas at the sensor will immediately re-trigger another emergency close.

CAUTION

Battery backup is an option and is intended for short-term operation during a power loss only. Do not treat the battery as your primary safety layer.

2. System Overview & Specifications

2.1 How the System Works

The Regal SAV connects to your existing chlorine system and watches for trouble. When the controller receives an emergency signal — from the chlorine (CL) gas sensor, an E-Stop, an analog (4–20 mA) threshold, or a loss of communication with an actuator — it commands every connected actuator to drive its valve closed. Operators monitor status and configure the system through the controller's touchscreen; no laptop or external software is required.

2.2 Key Components

- **Controller.** A wall-mounted unit with a 10" or 15" touchscreen graphical interface (GUI), four output relays, analog inputs, SCADA communication, an emergency-stop input and on-screen E-Stop, an audible speaker, a visual strobe, and an optional backup battery.
- **Actuators (up to 6).** Motorized valve closers that mount tool-free to the cylinder or ton-container valve. Each actuator has local Open, Close, and Calibrate buttons; an RGB status LED; and an internal battery for limited operation during a power loss.
- **Sensors & I/O.** A chlorine gas detector input (dry contact, configurable normally-open or normally-closed, or 4–20 mA), an E-Stop input, four relays, three 4–20 mA analog inputs, and RS-485 / Modbus for SCADA integration.

2.3 Actuator Specifications

Specification	Value
Communication	M12 5-pin connector, CAN bus (Vin, GND, Signal, Feedback 1, Feedback 2)
Operating torque	40–50 ft-lbs
Supply voltage	9–16 VDC
Current	Less than 5.0 A operating; 15 A stall
Closing speed	Less than 5 seconds for 90° of travel
Range of motion	0–350° mechanically capable; normal operating range 0–90° (default open 90° ±3°)
Operator controls	Open (CCW), Close (CW), Calibrate (runs CW to hard stop)
Status indicator	RGB LED — Red = Closed, Green = Open, Blue = Calibrating (additional states configurable)
Battery backup	Internal battery operates the actuator for 5 open/close cycles on loss of power
Mounting	Tool-free retrofit to Regal direct-mount cylinder and ton container systems. Requires REGAL adaptor yoke (TAY-245) for ton containers or an isolation valve (A-480) for systems using flex connectors without regulator heads.
Storage temperature	–40° to 185°F (–40° to 85°C)

Operating temperature	32° to 140°F (0° to 60°C)
Enclosure rating	NEMA 4X / IP66

2.4 Controller Specifications

Specification	Value
Power input	90–264 VAC universal input, single phase, 3-wire; hardwired through a cord-grip grommet. Recommended wiring: 14 ga up to 50 ft, 16 ga up to 25 ft, on a dedicated circuit with disconnect
Interface	10" or 15" color touchscreen with Main and Engineering/Setup screens
Actuator connection	M12 5-pin CAN; sources 9–16 VDC, up to 5 A; feedback logic High = 3.3 V, Low = 0 V; overvoltage protected
Gas (CL) sensor input	Dry contact, normally-open or normally-closed modes; or 4–20 mA analog input
E-Stop input	Dry (closed) contact; plus on-screen E-Stop
Relays	Four relays, 30 VDC 2 A, Common + Normally-Open contacts each
Analog inputs	Three 4–20 mA inputs with 24 VDC loop power
SCADA / serial	RS-485 / Modbus RTU (terminal block); 8-pin waterproof RJ45 (option)
Alarms	Audible speaker and visual strobe for chlorine-leak indication
Battery backup (option)	Operates the controller for up to 72 hours; low-power sleep with proximity wake; field-accessible for replacement
Mounting	Wall mount with attachment tabs; hardware for concrete, brick, or gypsum; alternate bracket for difficult installs
Storage temperature	–40° to 185°F (–40° to 85°C)
Operating temperature	32° to 140°F (0° to 60°C)
Humidity	0–100% (dependent on NEMA/IP rating)
Enclosure rating	NEMA 4X / IP66

2.5 Required but Not Supplied

- A 90–264 VAC electrical source on a dedicated circuit with disconnect.
- Corrosion-resistant conduit and fittings rated for the chlorine environment (maintain the enclosure's gas- and liquid-tight integrity at all entries).
- Suitable anchors for mounting the controller and any remote E-Stop switches, matched to the wall material.

- A chlorine gas detector and/or remote emergency shutoff switch(es) if not ordered with the system.

3. Actuator Installation & Mounting

WARNING

Before installing any actuator, the cylinder or ton-container valve must be closed, the process connections leak-tested per The Chlorine Manual, and the area confirmed safe. Install actuators only on valves approved for chlorine service.

3.1 Tools and Preparation

The actuator is designed for tool-free mounting. Have the following on hand:

- A chlorine valve wrench (for manual valve operation).
- A flashlight and a means to verify valve-stem cleanliness.
- Your facility's chlorine PPE and leak-test materials.

Preparation:

1. Manually close the cylinder or ton-container valve and verify there is no pressure at the connection.
2. Confirm process piping is connected per The Chlorine Manual, with a new gasket at each yoke connection, and that connections have been leak-tested.
3. Clean the valve stem and yoke so the drive bushing can seat fully on the stem flats.

3.2 Mounting to a Cylinder Valve

1. With the regulator head in place and the valve fully closed, install the mounting bracket assembly onto the valve system/yoke with the arrow(s) pointing toward the regulator. Turn the valve stem extension until the socket interlocks with the valve stem. **Note:** Be sure to fully tighten the bracket until the jaws are seated firmly on the side flats of the valve. This will help align the valve stem extension and isolate all torque force directly on the valve.
2. Place the Actuator on the mounting assembly with the buttons facing forward. If the drive bushing and valve stem flats are properly aligned, the actuator will drop into place while engaging the flats. Simply insert the pin key and the actuator is ready for calibration. Proceed to Section 3.4.
3. HOWEVER, if the flats do not align the actuator must be pre-calibrated to align and engage them. To do so, hold the actuator firmly and squarely in place on the mounting assembly. Press Calibrate and the drive bushing will slowly rotate toward the Closed position. When the flats align, the actuator will drop into place and immediately recognize the closed position as Zero. After a couple of seconds, the drive will back off slightly to relieve any torque force while still keeping the valve fully closed. Simply insert the pink key. The system is calibrated and ready for operation.
4. After calibration is complete, attach the actuator to the controller (See section 4) and the 5-pin connector cable(s). I

3.3 Mounting to a Ton Container Valve

Ton-container valves are mounted horizontally and require extra attention for alignment.

1. With the ton container valve closed, install the Regal TAY-245 adaptor directly on the valve. Removing the regulator head from the adaptor is recommended for easier handling. Note: If the system uses flex connector with no regulator heads, a REGAL A-480 Isolation Valve is needed in place of the TAY-245.
2. Installing the mounting bracket assembly and actuator onto the ton container valve is the same as (section 3.2), except it will be positioned horizontally.
3. First, install the mounting bracket assembly with the arrow(s) pointing to the right. Then hold the actuator in place on the bracket assembly while pushing slightly forward. If the actuator drive bushing and stem flats align and engage, insert the pin key and then complete the calibration process (see Section 3.4). However, if the flats do not align, the actuator must be pre-calibrated as explained in section 3.2.2b. Once again, the only difference is that with a ton container, the actuator will be mounted horizontally so forward pressure is necessary to help fully engage the flats once they are aligned during pre-calibration.
4. Visually confirm alignment. If alignment looks off, loosen, re-align, and re-secure before proceeding.

WARNING

Ensure the yoke is tightened adequately to the valve so the torque reaction when the actuator closes does not unseat the lead gasket.

3.4 Calibrating the Actuator

Calibration teaches the actuator where the valve's fully-closed hard stop is. Use the local **Calibrate** button on the actuator:

1. Press **Calibrate**. The RGB LED slow-blinks **blue** while calibrating.
2. The actuator drives in the closing direction (CW) until it detects the hard stop, or until it times out.
3. **Success:** the LED gives a fast **green** blink. The closed position is now learned.
4. **Failure / timeout:** the LED gives a fast **red** blink. Re-check alignment and seating, clear any obstruction, and repeat calibration.

CAUTION

Do not force alignment. A repeated red-blink failure indicates the bushing is not properly engaged with the valve stem, or the valve is obstructed or corroded — resolve the cause before placing the actuator in service.

3.5 Post-Installation Checks

- Verify the drive bushing fully engages the valve-stem flats.
- Confirm a successful calibration (green) on each actuator.
- Confirm each actuator reports its status correctly on the controller Main Screen after connection.
- Do not place an actuator into service until it has passed calibration and a system test (Section 6).

4. Controller Installation & Wiring

WARNING

Qualified electrician only. Controller installation and wiring must be performed by a licensed electrician in accordance with all applicable electrical codes.

Power off. Keep 90–264 VAC power OFF until all other connections are complete and verified.

4.1 Mounting the Controller

1. Choose a location where operators can easily see the touchscreen and status indicators while working at the cylinders or ton containers, and within reach of the actuator cabling.
2. Attach the mounting tabs to the enclosure, then fasten the controller to the wall using anchors matched to the wall material (concrete, brick, or gypsum). Use the alternate bracket for difficult installs.
3. Use corrosion-resistant conduit and fittings, and maintain the gas- and liquid-tight integrity of every enclosure entry.

4.2 Wiring Sequence

Complete connections in this order. Do not connect AC power or the optional battery until instructed:

1. **Actuators** — connect each actuator's M12 5-pin CAN cable to its port. Align the keyway, **push the connector straight on, then turn the locking knob (coupling nut) clockwise hand-tight** until it seats — this locks and seals the connection and is required to maintain the NEMA 4X rating. Observe correct pin assignment: Vin, GND, Signal, Feedback 1, Feedback 2.
2. **Chlorine (CL) sensor** — wire the gas detector to the CL sensor input. Configure for normally-open or normally-closed dry contact, or use a 4–20 mA analog input (set scaling and threshold in the GUI, Section 5).
3. **E-Stop** — wire the remote emergency shutoff switch to the E-Stop input (closed contact).
4. **Auxiliary I/O** — wire the four relays (30 VDC, 2 A, C/NO), the three 4–20 mA inputs (24 VDC loop power), and RS-485 / Modbus to the terminal block as needed for your SCADA system.
5. **Optional battery** — if equipped, install the backup battery in its field-accessible location.
6. **90–264 VAC power** — with all of the above complete and verified, connect the hardwired 90–264 VAC supply through the cord-grip grommet.

CAUTION

Verify polarity and correct terminal assignment on every connection before applying power. Do not apply any external power source to a signal input terminal.

4.3 Powering Up

1. Apply 90–264 VAC power. The controller boots and the touchscreen displays the Main Screen.
2. Confirm each connected actuator appears with a valid status (Section 5.1). A “COMM FAILURE” indicates a wiring or addressing problem — re-check the M12 connections, making sure each connector is **pushed fully on and the locking knob is turned hand-tight**.
3. Set the number of connected actuators and complete configuration on the Engineering/Setup screen (Section 5) before testing.

5. GUI Operation & Detailed Settings

The touchscreen GUI is a key advantage of the Regal SAV: it provides intuitive control and configuration without a laptop or external software. There are two screens — the Main Screen for everyday monitoring, and the Engineering/Setup Screen for configuration and advanced settings.

5.1 Main Screen

The Main Screen is for routine monitoring. It displays:

- **Per-actuator status** — each actuator's name, position, and state (for example OK, OPEN, CLOSED, or COMM FAILURE).
- **Master Open / Close controls** — command all actuators together.
- **On-screen E-Stop** — a large red control that closes all valves immediately.
- **Sensor readings and alarms** — scaled 4–20 mA values and the chlorine (CL) alarm status.
- **Relay indicators** — the current state of each output relay.

5.2 Accessing the Engineering/Setup Screen

1. From the Main Screen, touch the gear / “Setup” / “Engineering” menu control (typically in a top corner).
2. Enter the password if prompted. The password is **4854** — contact Regal if it is lost.
3. Make configuration changes only with the system powered and valves in a known, safe state.

5.3 Global Settings

- **Number of connected actuators.** Set the total number attached (up to 6). The system scans and displays status for each. An incorrect count causes communication errors.
- **Normal vs. Close-Only mode.** Normal mode allows both open and close commands. Close-Only mode is a safety mode for high-risk installations in which actuators may only close — recommended during initial testing.
- **CL input mode.** Choose the chlorine sensor input type:
 - **Dry contact (default):** select normally-open or normally-closed alarm state.
 - **4–20 mA:** use one analog input; set scaling (for example 4 mA = 0 ppm, 20 mA = 10 ppm) and the alarm threshold.

5.4 Per-Actuator Settings

- **Actuator name.** A custom label such as “Cylinder 1 – East” or “Ton Tank A.” Clear names make the Main Screen easier to read during an emergency.
- **Open position.** The default open position is 90° ($\pm 3^\circ$). Set the desired open position for partial-open applications within the actuator's configurable range.

NOTICE

The actuator is mechanically capable of 0–350° of travel; the specified normal operating range is 0–90°. Confirm the configurable open-position limits against the released firmware before publishing.

5.5 I/O & Relay Configuration

- **4–20 mA inputs (three, with 24 VDC loop power).** Assign each input as the CL sensor (with scaling and alarm threshold) or as an auxiliary sensor with a custom unit label (for example pressure in psi). An out-of-range reading shows “ERR” on the Main Screen.
- **Relay mode (four relays, C/NO).** Assign a trigger to each relay:
 - Emergency Close (E-Stop activation).
 - All valves properly closed / torqued.
 - System error or fault.

Each relay's current state is shown on the Main Screen.

5.6 Communication Settings

- **Modbus RTU.** Set baud rate and slave address for SCADA integration over RS-485, enabling remote monitoring and control.
- **Communication-loss failsafe.** If communication with an actuator is lost for longer than the failsafe time (default 5 seconds), that actuator automatically closes. Adjust to suit your network reliability.

5.7 Other Advanced Settings

- **Time delay before comm-loss failsafe.** Fine-tune to avoid nuisance closures on a noisy network.
- **Battery & power settings (if battery installed).** Charge state, battery health, and low-power-mode timeout.

5.8 Saving and Testing Changes

1. After making changes, save and exit to the Main Screen.
2. Manually test each actuator from the Main Screen.
3. Under safe, isolated conditions, perform a full system test using the E-Stop and a simulated CL alarm.

5.9 Safety Notes for GUI Use

- Never change settings while the system is actively controlling live chlorine flow without proper isolation.
- Document every change — date, who, and why — in the maintenance record (Appendix).
- If the screen freezes or behaves abnormally, power-cycle the controller under safe conditions.

6. System Operation & Testing

6.1 Normal Operation

In normal operation the actuators hold their valves at the configured open position and the controller continuously monitors the CL sensor, E-Stop, analog inputs, and actuator communications. Operators monitor the Main Screen for status and alarms.

6.2 Automatic Shutoff Sequence

The controller commands all connected actuators to close when any of the following occurs:

- The chlorine (CL) sensor reports an alarm condition.
- A physical or on-screen E-Stop is activated.
- A configured 4–20 mA input crosses its alarm threshold.
- Communication with an actuator is lost beyond the failsafe time (that actuator closes).

On a shutoff, each actuator closes in under 5 seconds, and the controller activates the audible speaker and visual strobe alarms.

6.3 Manual Operation

Operators can command valves manually from the Main Screen (Master Open/Close or per actuator), or at the actuator using its local Open and Close buttons. The actuator may also be removed tool-free for fully manual valve operation if required.

6.4 In-Service Testing

Perform an in-service test each time an actuator is installed on a new cylinder or ton container, to confirm correct installation and that the valve will close properly.

1. Confirm the Main Screen shows all actuators in a normal, ready state with no active faults.
2. Trigger a test close (per actuator or master). Confirm each actuator drives closed.
3. Remove the actuator, verify process connections are secure, reopen the valve no more than one full turn, and leak-test.
4. Confirm the force required to reopen the valve indicates the actuator fully seated it. If the valve was not properly closed, do not place the actuator in service.
5. Clear/reset the system to the ready state when testing is complete.

6.5 Corroded or Hard-to-Operate Valves

WARNING

If a valve cannot be readily operated both manually and by the actuator, the cylinder or container must not be placed in service under any circumstances.

Cylinders or ton containers in extended service can develop corrosion or fouling that increases the torque needed to close the valve — in severe cases beyond the actuator's capacity. To reduce this risk:

- Test-cycle the system at least monthly while in service.

- Specify chlorine suppliers provide valves with Chlorine Institute-approved Teflon valve packing, which requires less force to operate.
- Address the root causes of internal corrosion (wet chlorine, moisture intrusion / “suck-back”) with your supplier and consider vacuum-regulated dispensing.

7. Maintenance

WARNING

Always de-energize the system and close all valves before performing maintenance. Wear chlorine PPE and follow your facility safety program.

7.1 Scheduled Maintenance Checklist

- **Daily** — check GUI status and alarms.
- **Weekly** — visually inspect cables, connectors, actuators, and mounts.
- **Monthly** — test the E-Stop and manual controls; test-cycle the system.
- **Annually** — perform a full cycle test, verify battery health, verify calibration, and check mounting/torque.

7.2 Battery Maintenance

- Monitor the battery indicators on the GUI.
- Replace the battery when its health drops; the battery is field-accessible.
- Store spare batteries charged, in a cool, dry place.

7.3 Actuator Maintenance

- Inspect seals and check for any signs of chlorine attack on the housing or hardware.
- Re-calibrate after each tank or cylinder change.
- If a reset is required, use the local reset procedure for the actuator.

7.4 Controller Maintenance

- Keep the enclosure clean and dust-free; confirm a gas- and liquid-tight seal at all entries.
- Periodically verify terminal tightness.
- Apply firmware updates only as provided and instructed by Regal.

8. Troubleshooting

CAUTION

Troubleshoot only under safe conditions with valves closed and chlorine PPE worn. If a fault cannot be resolved, contact Regal support before returning the system to service.

Symptom	Probable cause	Corrective action
Actuator LED fast-red blink	Calibration failed — no hard stop detected, or timeout	Re-check seating and alignment; clear obstructions; repeat calibration.
“COMM FAILURE” on an actuator	Damaged cable or loose M12 connection; wrong actuator count	Confirm the M12 connector is seated — push on fully and turn the locking knob hand-tight. Inspect the cable for damage and verify the configured number of actuators.
Persistent or recurring COMM fault on one actuator	Fault may lie in the cable, the controller port, or the actuator itself	Follow the step-by-step COMM-fault procedure in §8.1: move the cable to a different port, test the cable across all six ports, then hard-reset the actuator.
Actuator does not move on command	Excessive torque / valve binding; depleted battery on power loss	Inspect/clean the valve stem; re-calibrate; check for corrosion; verify power and battery.
No response from the touchscreen	Power or communication issue	Verify 90–264 VAC; check the battery; power-cycle the controller under safe conditions.
Alarm will not clear	A trigger is still active	Confirm the area is clear of chlorine; clear the CL sensor or E-Stop source; then reset.
Relay not activating	Relay trigger not configured (or mis-configured)	Check relay assignments on the Engineering screen; test the relay manually.
Battery will not hold charge	Aged or damaged battery	Replace the battery; verify the charging circuit.
4–20 mA input shows “ERR”	Reading out of range, or scaling/wiring error	Verify sensor wiring, loop power, and the scaling configured in the GUI.

8.1 Resolving a Persistent Actuator Communication (COMM) Fault

If an actuator keeps reporting a COMM fault after you have confirmed its M12 connector is fully seated (pushed on and the locking knob turned hand-tight), work through the steps below in order. The goal is to find out whether the fault follows the cable, the port, or the actuator itself. Keep all valves in a safe, closed state throughout.

Step 1 — Move the cable to a different actuator port

1. Move the affected actuator cable from its current port to a different port — for example, from Actuator 2 to Actuator 3.
2. In the Engineering/Setup screen, update the actuator configuration to match the new port.
3. Re-test. If the fault clears on the new port, the original port — not the actuator — is the likely cause.

Step 2 — Test the cable against all six actuator ports

1. In the Engineering/Setup screen, enable all six actuators.
2. Connect the affected actuator cable to each of the six ports in turn. After each connection, wait 5–10 seconds to let the actuator communication establish.
3. At each port, try to open and close the actuator two ways — from the controller **and** from the buttons on the actuator itself — to see whether this clears the COMM fault.
4. Note any port(s) where communication and control are restored.

Step 3 — Hard-reset the actuator

If the fault persists on every port, perform a hard reset of the actuator:

1. Unplug the affected actuator from its cable so it is running on its internal battery.
2. Press and hold the **CLOSE** and **CAL** buttons together for 5–6 seconds. The status LED will blink green several times and then turn off.
3. After a few seconds, plug the actuator cable back in. The unit powers up on controller power.
4. Re-calibrate the actuator on the tank (see §3.4).

CAUTION

Perform this procedure with the actuator off the valve, or with the valve in a safe, closed state. Always re-calibrate the actuator on the tank (§3.4) before returning it to service.

9. Appendix

9.1 Wiring Diagrams

Insert the released Regal SAV wiring diagrams here.

[Wiring diagram — controller terminal layout: actuators (M12 CAN), CL sensor, E-Stop, relays, 4–20 mA inputs, RS-485/Modbus, 90–264 VAC]

[Typical multi-cylinder installation diagram]

9.2 Certifications

The Regal SAV is designed to the following targets. Final certification marks to be confirmed by Regal:

- NEMA 4X / IP66–67 enclosure (corrosion-resistant, suitable for chlorine environments).
- RoHS and REACH compliance (for European market).
- Actuator electrical testing: reverse polarity, short-circuit, stall current, and 750-cycle endurance.
- [Additional marks as applicable — e.g., CE if marketed in the EU]

9.4 Support & Contact

Regal Chlorinators

Technical Support: Phone (772) 288-4854 · Email Tech@RegalChlorinators.com

General & Sales: Phone (772) 288-4854 · Email Info@RegalChlorinators.com

Website: regalchlorinators.com · Technical support & videos:
regalchlorinators.com/technical-support

Returns (RMA): regalchlorinators.com/rma-request · Product registration:
regalchlorinators.com/product-registration

Technical support is available during standard business hours; you can also use the chat box on the Regal website during those hours. Including photos of the installation or fault when you contact support helps our technicians troubleshoot.

For replacement parts, technical consultation, or training, contact Regal or your local authorized representative. For more information on handling chlorine cylinders and ton containers, refer to *The Chlorine Manual*, published by The Chlorine Institute.

9.5 Maintenance Log

Record all tests, calibrations, battery replacements, and configuration changes.

Date	Task performed	Findings / actions	Technician

Date	Task performed	Findings / actions	Technician