

RCVC

**TURNING THE SWITCH SCROLL
DISPLAY SETTING OFF.**



TECH NOTE.

RCVC 3000 – RECOMMENDED DISPLAY SETTING UPDATE

To: RCVC 3000 Users

From: VRG Controls, LLC

Subject: Recommended RCVC 3000 Display Setting Update

VRG Controls is recommending a minor display setting change for RCVC 3000 Red Circle Valve Controllers currently in service.

In a limited number of installations, an RCVC 3000 may experience an infrequent condition in which the controller becomes temporarily unresponsive and the control valve remains at its current position. If this condition is encountered, cycling power to the RCVC 3000 should restore normal controller operation.

If your RCVC has become unresponsive, VRG Controls recommends disabling the secondary information screen by turning the SWITCH SCROLL display setting OFF.

This change affects only the automatic switching/scrolling of information on the controller display. It does not affect normal RCVC 3000 control operation or valve performance, and it has very limited impact on the ability to retrieve information from the controller.



RECOMMENDED PROCEDURE

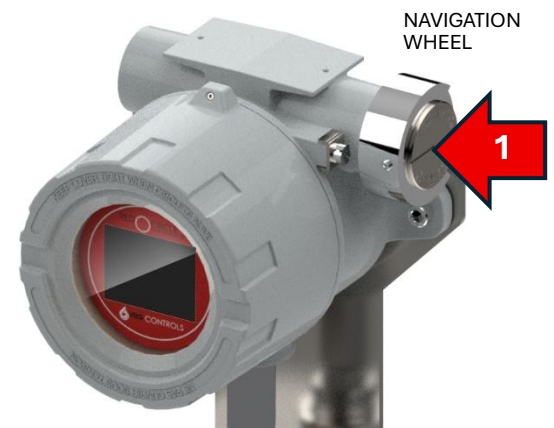


ATTENTION: CONTROL VALVE SHOULD BE DISABLED USING THE VMO (IF INSTALLED) OR CONTROL VALVE RUN SHOULD BE ISOLATED TO PREVENT IMPACT ON DOWNSTREAM PROCESS CONDITIONS. RETURN THE CONTROL VALVE TO SERVICE PER YOUR COMPANY SOP ONCE THE BELOW PROCEDURE IS COMPLETE.

USING THE RCVC 3000 NAVIGATION WHEEL:

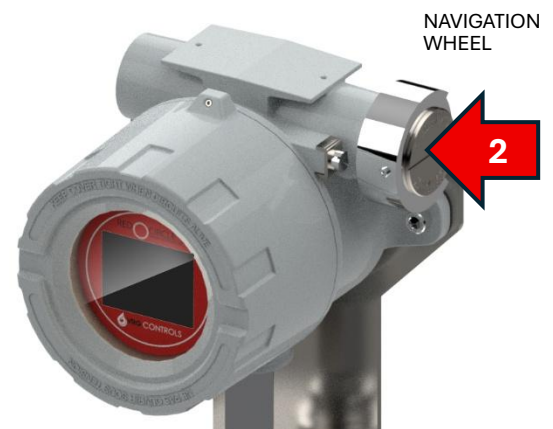
1. From Automatic operation, press the Navigation Wheel once to enter **Manual**.

21.01.20	AUTOMATIC	15:19
System Status:	Healthy	
Actuator Status:	Open Limit	
Actuator Position	100.0	%
Command	100.00	%
Control Input:	4-20mA Cmd Ctrl	
☐ Open Solenoid		Closed Solenoid ☐



2. Press and hold the Navigation Wheel until the Menu screen appears.

21.01.20	MANUAL	15:19
System Status:	Healthy	
Actuator Status:	Open Limit	
Actuator Position	100.0	%
Command	100.00	%
Control Input:	None	
☐ Open Solenoid		Closed Solenoid ☐



RCVC

TURNING THE SWITCH SCROLL DISPLAY SETTING OFF.

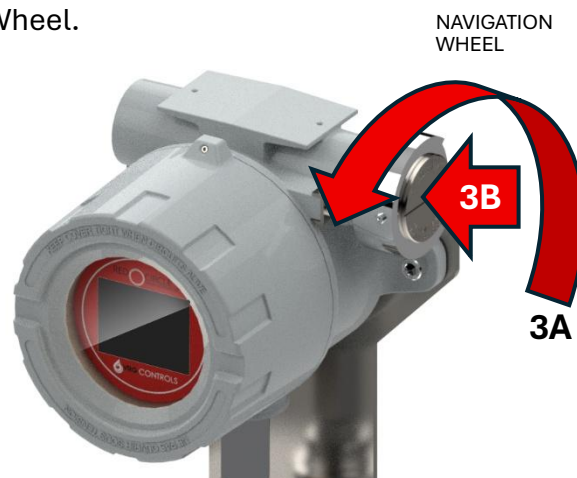


RECOMMENDED PROCEDURE

USING THE RCVC 3000 NAVIGATION WHEEL:

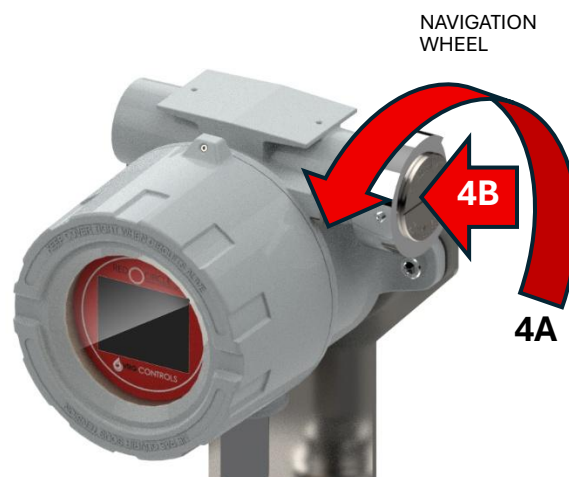
3. **A.** Scroll to **SETTINGS** and **B.** press the Navigation Wheel.

Menu
Application
Diagnostics
Data Logging
Settings



4. **A.** Scroll to **DISPLAY** and **B.** press the Navigation Wheel.

Menu
Date and Time
Display
Communications
About



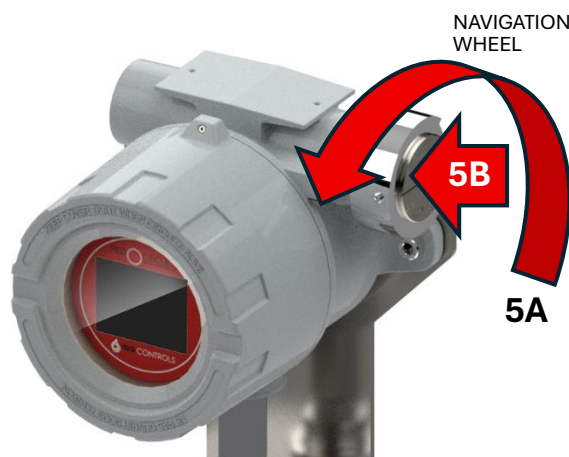
TURNING THE SWITCH SCROLL DISPLAY SETTING OFF.

RECOMMENDED PROCEDURE

USING THE RCVC 3000 NAVIGATION WHEEL:

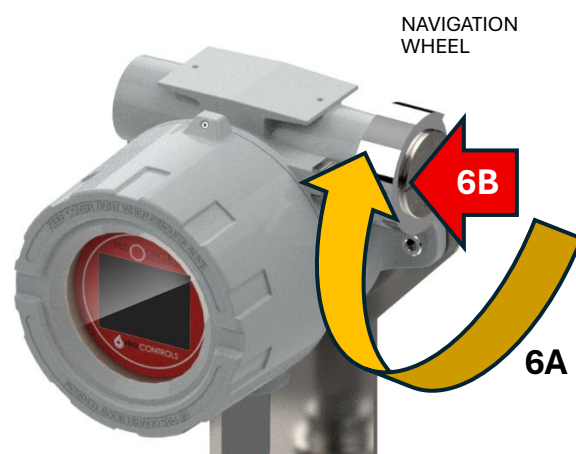
5. **A.** Scroll to **SWITCH SCROLL** and **B.** press the Navigation Wheel to turn this setting OFF.

Display		
Screen Update	50	ms
Screen Rotation	5	secs
Switch Scroll	☐ On	☒ Off
Auto Scroll	☐ On	☒ Off
Invert Display	☐ Yes	☒ No



6. **A.** Hold the navigation wheel in the clockwise position until you get to the main menu in manual, then move to neutral and **B.** press in to get back to Automatic.

21.01.20		AUTOMATIC		15:19	
System Status:	Healthy				
Actuator Status:	Open Limit				
Actuator Position	100.0 %				
Command	100.00 %				
Control Input:	4-20mA Cmd Ctrl				
☐ Open Solenoid		Closed Solenoid ☐			



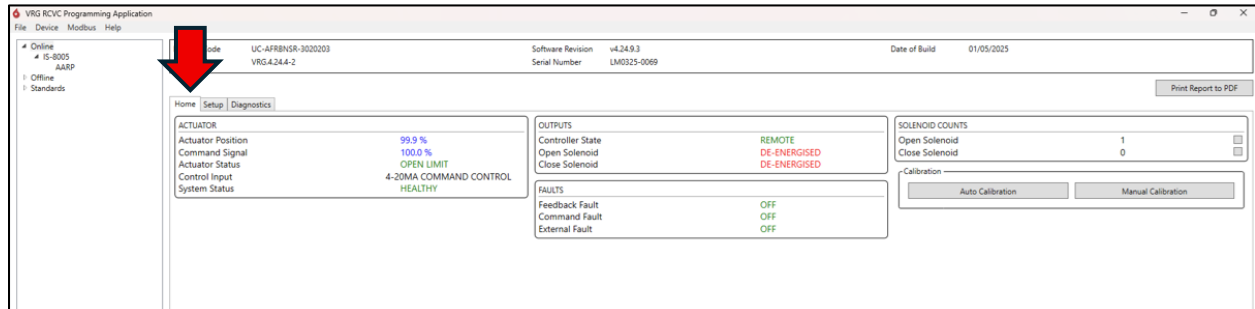
After completing the procedure, confirm that the RCVC 3000 has returned to Automatic operation and is responding normally to the control signal

TURNING THE SWITCH SCROLL DISPLAY SETTING OFF.

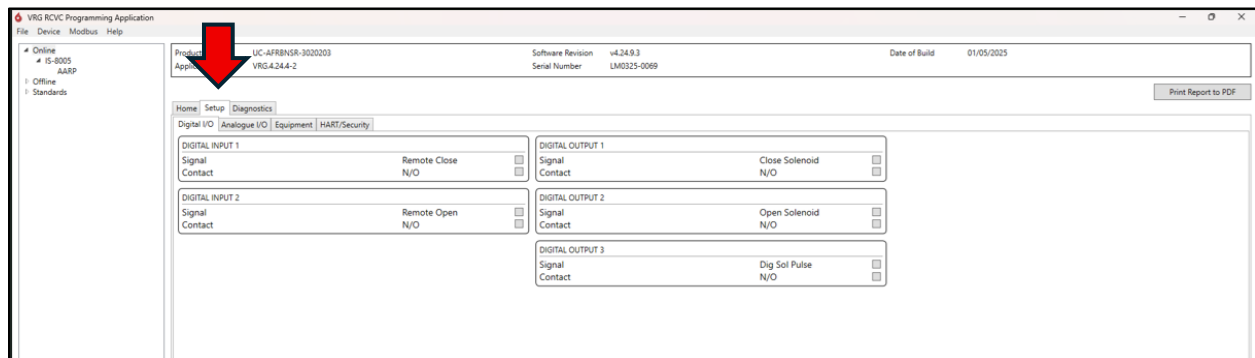
SECONDARY PROCEDURE

USING THE RCVC 3000 APPLICATION.

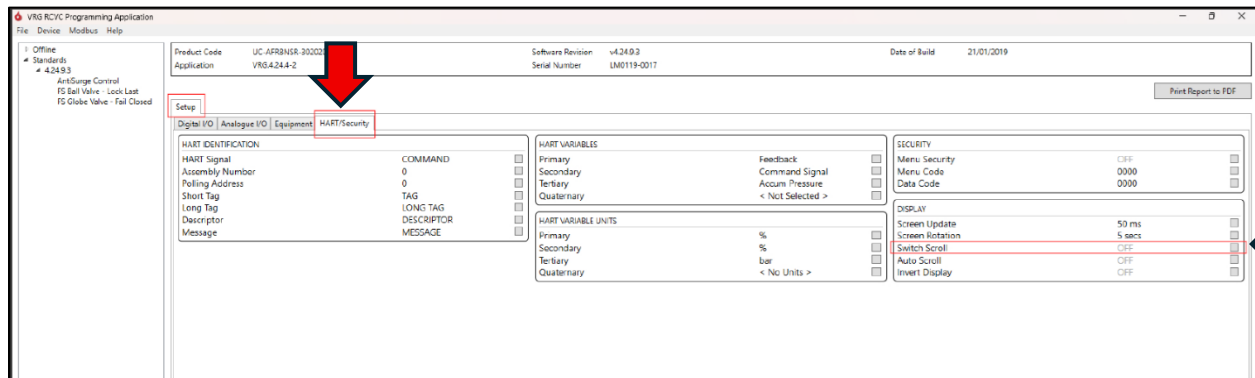
1. Navigate to **Home** TAB.



2. Select **Setup**



3. Select **HART/Security** – Check **Switch Scroll**



RCVC

TURNING THE SWITCH SCROLL DISPLAY SETTING OFF.



IF THE CONTROLLER BECOMES UNRESPONSIVE

If an RCVC 3000 becomes unresponsive and the valve remains at its current position, cycle power to the controller to restore normal operation. Once normal operation has been restored, verify that SWITCH SCROLL is set to OFF using the procedure above.

QUESTIONS OR ASSISTANCE

VRG Controls is committed to supporting our customers and their installed equipment. If you have questions regarding this recommended setting change or would like assistance with an RCVC 3000, please contact VRG Controls:

VRG Controls, LLC

Toll-Free: 844-FLOW-VRG (844-356-9874)

Email: sales@vrgcontrols.com

Website: www.vrgcontrols.com

When requesting technical assistance, having the RCVC 3000 job number or serial number available will help our team provide prompt support.