

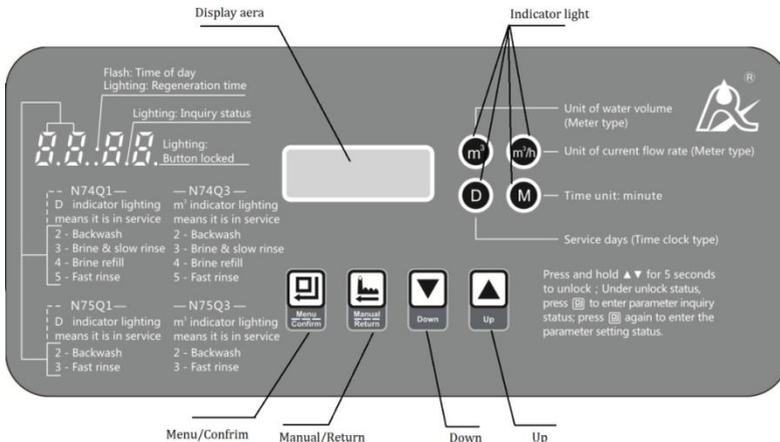


Multi-functional Flow Control Valve for Water Treatment Systems

65510 (Old Model No.: N74Q1)
 65610 (Old Model No.: N74Q3)
 55510 (Old Model No.: N75Q1)
 55610 (Old Model No.: N75Q3)

1. Basic Setting & Usage

1.1 The Function of PC Board



A. Button lock indicator

When the fourth decimal point of digital tube turns on, it indicates the buttons are locked. At this moment any single button will not work (No operation in one minute, the fourth decimal point of the digital tube will light on and lock the buttons.)

● **Solution:** Press and hold both ▲ and ▼ for 5 seconds until the decimal point lights off.

B. Time of day indicator

- When ":" flashes, it indicates the time of day.

C. Program mode indicator

- The third decimal point of digital tube turns on, it indicates the program display mode. Use ▼ or ▲ to view all values.
- The third decimal point of digital tube flashes, it indicates the program set mode. Use ▼ or ▲ to adjust all values.

D. Menu/Confirm button

- Press  to enter program display mode, the third decimal point of digital tube turns on.
- In program display mode, press  to enter program set mode. Parameters to be set will flash.
- Press  after all program are set successfully, and return to program display mode.

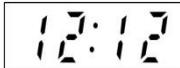
E. Manual/Return button

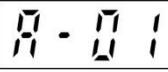
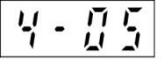
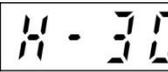
- In program display mode, press , it can proceed to next step. (Example: press  in service status, it will start regeneration cycles / washing status instantly if the outlet water is unqualified; Press  while it is in regeneration / washing status, it will end regeneration/washing in advance and go to the next status at once.)

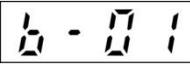
F. ▼ Down and ▲ Up

- In program display mode, press ▲ or ▼ to view all values.
- In program set mode, press ▲ or ▼ to adjust values.
- Press and hold both ▲ and ▼ for 5 seconds to unlock the buttons
- In program set mode, press  to return to program display mode; in program display mode, press  to return to menu mode.
- Press  while adjusting the values, then it will return to program display mode directly without saving values. Press , it will save the values and return to program display mode.

2. The Steps of Parameter Setting (Take N74Q3 A-01 as an example)

Item	Process Steps	Symbol
Time of Day	<p>1. In Time of Day display status, press  to enter program set mode, both hour value and ":" flash, press ▲ and ▼ to adjust the hour value.</p> <p>2. Press , minute value and ":" flash, press ▲ or ▼ adjust the minute value.</p>	

	3. Press  to finish adjustment, press  to return.	
Regeneration Time	<p>1. Under the Regeneration Time display status, press  to enter into program set mode. Regeneration hour value flashes, press  or  to adjust the hour value.</p> <p>2. Press  again, regeneration minute value flashes, press  or  to adjust the minute value.</p> <p>3. Press  to finish adjustment, press  to return.</p>	
Control Mode	<p>1. Under the Control Mode display status, Press  to enter into program set mode.</p> <p>Control mode A-01 flashes, press  or  to adjust the working mode.</p> <p>2. Press  to finish adjustment, press  to return.</p>	
Water Treatment Capacity	<p>1. Under the Water Treatment Capacity display status, Press  enter into program set mode. Water treatment capacity integer value flashes, press  or  to adjust the value.</p> <p>2. Press  again, water treatment capacity decimal value flashes, press  or  to adjust the decimal value.</p> <p>3. Press  to finish adjustment, press  to return.</p>	
Backwash Time	<p>1. Under the Backwash Time display status, Press  enter into program set mode. Backwash time value flashes, press  or  to adjust the value.</p> <p>2. Press  to finish adjustment, press  to return.</p>	
Brine & Slow Rinse Time	<p>1. Under the Brine & Slow Rinse Time display status, Press  enter into program set mode. Brine & slow rinse time value flashes, press  or  to adjust the value.</p> <p>2. Press  to finish adjustment, press  to return.</p>	
Brine Refill Time	<p>1. Under the Brine Refill Time display status, Press  enter into program set mode. Brine refill time value flashes, press  or  to adjust the value.</p> <p>2. Press  to finish adjustment, press  to return.</p>	
Fast Rinse Time	<p>1. Under the Fast Rinse Time display status, Press  enter into program set mode. Fast rinse time value flashes, press  or  to adjust the value.</p> <p>2. Press  to finish adjustment, press  to return.</p>	
Maximum Interval Regeneration Days	<p>1. Under the Maximum Interval Regeneration Days display status, Press  enter into program set mode. Maximum interval regeneration days value flashes, press  or  to adjust the value.</p>	

	2. Press  to finish adjustment, press  to return.	
Signal Output Mode	<p>1. Under the Signal Output Mode display status, Press  enter into program set mode. Signal output mode value flashes, press  or  to adjust the value.</p> <p>2. Press  to finish adjustment, press  to return.</p>	

For example, a softener has set fast rinse time as 12 minutes. After regenerating, the chloridion in the outlet water is always higher than normal, which indicate that fast rinse time is too short. If you want to set the time as 15 minutes, the modification steps as follows:

- ① Press and hold both  and  to unlock the button (The fourth decimal point of digital tube lights off);
- ② Press , the third decimal point of digital tube lights on;
- ③ Press  or  continuously until in fast rinse status, the digital display area shows: 5-12M
- ④ Press , 12 flashes
- ⑤ Press the  continuously, until 12 changes to 15
- ⑥ Press  again and hear a sound "Di", the frame stop flickering, the program returns to inquiry status;
- ⑦ If you want to adjust other parameters, you need to adjust as above 3-5 steps; if not, press  to exit the program inquiry status and the screen displays the current working status.