

Programmable Cycle Timer VFC40PCT Instructions



- This cycle timer can be operated in two modes, manual (no cycle timing) or automatic (with cycle timing).
- There are 10 (0-9) programmable functions accessible using the MENU button.
- Scroll through the 10 menu functions by pressing the MENU button.
- Use the up and down arrow buttons to change a function setting(s).
- Use the FWD/REV button to access the different settings within each function (if applicable).
- Long press the MENU button to turn the display light on or off.
- Press the RUN/STOP button to save and exit the menu.

In manual (no cycle timing) mode, the FWD/REV, ARROW up and down, and the RUN/STOP buttons will give you basic pump (motor) control as you would expect

Access the functions using the MENU button. A brief description of each function is as follows:

Function 0

Manual or automatic mode selection

1 is manual mode – no cycle timing

2 is automatic mode – with cycle timing

Function 1

Slow start time setting in seconds

0-10 seconds (10 is 1 second and 100 is 10 seconds)

The default is 1 second (10)

Function 2

Slow stop time setting in seconds

0-10 seconds (10 is 1 second and 100 is 10 seconds)

The default is 1 second (10)

Function 3

Speed lower limit setting as percentage

0-80 percent and less than the maximum speed setting value

The default is 0%

Function 4

Speed upper limit setting as percentage

0-100 percent and greater than the minimum speed setting value

The default is 100%

Function 5

Acceleration /deceleration setting as percentage.

Each time the key is pressed, the speed adjusts as follows:

1%, 2%, 5%, 10%, 15%, 20%, 25%

Function 6

Total motor running time setting in hours, minutes, and seconds

1 second minimum and 99 hours 59 minutes 59 seconds maximum

In manual mode, the pump (motor) will run for this duration unless interrupted by pressing the RUN/STOP button.

In automatic mode, the pump (motor) will continue to cycle until the accumulated ON and OFF time settings below equal this duration.

Functions 7, 8, and 9 are specific to automatic mode and do not impact manual mode

Function 7

ON TIME (forward rotation) setting in hours, minutes, and seconds

0 seconds minimum and 99 hours 59 minutes 59 seconds maximum

Function 8

OFF TIME setting in hours, minutes, and seconds

0 seconds minimum and 99 hours 59 minutes 59 seconds maximum

Function 9

ON TIME (reverse rotation) setting in hours, minutes, and seconds

0 seconds minimum and 99 hours 59 minutes 59 seconds maximum

Function E

This function does not have value for pumping systems and should not be altered.

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