WARRANTY – SMARTFLUSH AC

This range of product is covered by a limited 1 year warranty against component failure or faulty workmanship from the date of installation.

A faulty unit should be returned in the first instance to the dealer from which the unit was purchased.

Damage to the unit due to misuse, power surges, lightning strikes or installation that is not in accordance with the manufacturer's instruction will void the warranty.

"WATER DAMAGE WILL NOT BE COVERED UNDER WARRANTY"

Warranty does not cover:

- Removal or replacement of controller from its installation
- Travel costs to or from installation site
- The return of the controller to the manufacturer
- Any damage caused by water in the controller box
- Any damage caused by flooding

If the power cord is damaged, do not use the controller; return the unit to the supplier for repair.

Customer Record. (To be retained by the customer)

Dealer/Installer Name _____

Serial Number _____

Date Installed _____

For service assistance phone 1300 730 551

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SMARTFLUSH AC INSTRUCTIONS

DESCRIPTION:
The SMARTFLUSH AC is an automatic flush controller which can power two AC actuator valves circuits for an adjustable time interval at programmed intervals depending on the day of the week. At a power outage all configurable items are retained and the clock will continue to run for up to 14 days.

There are two modes of operation.
In both modes the LCD shows the day of the week and time e.g. TH 11:30 (Days of the week are represented by SU/MO/TU/WE/TH/FR/SA)
What the LCD shows next depends on the mode of operation.
AUTOMATIC MODE:
In this mode the LCD shows AUTO MODE
SW/PIR MODE: (Holiday mode/Test)
In this mode the LCD shows SW/PIR
SW/PIR mode is activated by a key switch on the SWITCH input, when set to 'ON' the controller runs program 1 on all days (holiday mode). A PIR may be wired in series and when the PIR breaks the circuit (or the key switch is set to 'OFF') then a one-time flush occurs.

During a flush the LCD will show 'FLUSHING'

CONTROLLER INSTALATION:
Find a suitable location to mount the control box. The controller must be installed out of direct weather and no closer than 3 meters from water. Lift up the two mounting tabs and use two appropriate screws to mount the control box to the wall, keeping in mind that the power cable is 1.8m long and should be plugged directly into a general power outlet, not into an extension lead.

VALVE INSTALLATION:
Wire the actuator valves to the sockets marked VALVE1 & VALVE2.
(VALVE1 will activate first for the flush period, followed by VALVE2).
**Maximum of 4 valves, 2 Valves per socket.*

KEY SWITCH & PIR INSTALLATION:
Wire the key switch to the socket marked SWITCH wire a PIR in series; ensure the PIR opens the circuit after detection. The socket market 12VDC can provide power for a PIR, Positive is on the right hand side.

CONTROLLER SETTINGS:
Set the clock and flush program and flush time as described under SETTINGS MENU. Then test the setup by either activating then deactivating the key switch or by holding the UP & DOWN buttons simultaneously.
Verify a flush occurs when the valves open and that the flush stops when the valves close.

SETTINGS MENU
To select the SETTINGS MENU push the ENTER button and the following will be displayed;

1)CLOCK

Press the UP or DOWN buttons to scroll to the option you wish to change. Press the ENTER button to select the sub-menu of the currently displayed menu item.
Available Settings Menu items are shown below:

1)CLOCK
2)PROG.
3)FLUSH
4)HELP
5)EXIT

The settable items in the sub-menus will be flashing, to change these values use the UP or DOWN button to adjust the value, if the value is correct press ENTER to move to the next value, once all setting have been set you will return to the settings menu, press the UP or DOWN button to scroll to EXIT and press ENTER to save your adjustments.

1)CLOCK
Set the day of the week then set the time of day in 24 hour format, note there is an AM/PM indication to avoid incorrect settings. Seconds are automatically set to zero.

2)PROG.
Set the program number for each day of the week. Program times as listed under help (Menu item 4).

3)FLUSH
Set the flush duration in seconds from 1-90. This is the number of seconds the valve(s) will remain open for.

4)HELP
Help displays the following table one line at a time, to skip a line hold an up or down button.

PROG 1. = 1pm
PROG 2. = 7am, 7pm
PROG 3. = 7am, 2pm, 9pm
PROG 4. = 7am, 11am, 3pm, 7pm
PROG 5. = 7am, 11am, 3pm, 7pm, 11pm
PROG 6. = 7am, 10am, 1pm, 4pm, 7pm, 10pm
PROG 7. = 0am, 6am, 9am, 12pm, 3pm, 6pm, 9pm
PROG 8. = 3am, 6am, 9am, 11am, 2pm, 5pm, 8pm, 11pm
PROG 9. = 0am, 2am, 4am, 9am, 12pm, 2pm, 4pm, 6pm, 8pm, 10pm
PROG 10 = PUB/BAR 0/1/2/3/5/9am, 1/3/5/6/7/8/9/10/11pm
PROG 11 = SCHOOLS 1/8/9/10/11am, 12/1/2/3/4/6pm
PROG 12 = OFFICES 1/8/9/11am, 1/3/5/6/7pm
PROG 13 = CINEMAS 1/8am, 1/3/5/7/9/11pm
PROG 14 = SHOPS 1/8/9/11am, 1/3/5/6/8pm
PROG 15 = EVERY HALF-HOUR
PROG 16 = EVERY HOUR
PROG 17 = EVERY 2 HOURS
PROG 18 = EVERY 3 HOURS
PROG 19 = EVERY 30 MINS FROM 7AM TO 7PM
PROG 20 = EVERY HOUR FROM 7AM TO 7PM
PROG 21 = EVERY 2 HOURS FROM 7AM TO 7PM
PROG 22 = EVERY 3 HOURS FROM 6AM TO 9PM
PROG 23 = EVERY 5 MINS FROM 6AM TO 8PM
PROG 24 = EVERY 10 MINS FROM 6AM TO 8PM
PROG 25 = EVERY 15 MINS FROM 6AM TO 8PM

5)EXIT
When this menu is selected push ENTER to save ALL settings, the unit will then return to automatic operation.
Note: If any of the menu items are left unattended for 3-4 mins the menu will time-out and automatically save all settings and return to automatic operation.

TEST FUNCTION
To test the valve wiring, hold both the UP and DOWN buttons simultaneously and the valve(s) will open, the will remain open until the buttons are released.

NOTES:
1. Should power be interrupted for any reason, the controller will resume normal operation when power is restored, all information will have been kept.
2. Maximum rated output load for the 12VDC socket is 500mA @ 12Vdc.
3. Maximum Valve output is 18VA, No more than two valves per socket, maximum load is four valves.