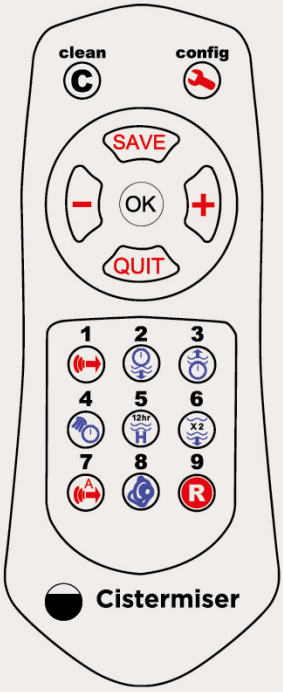
Cistermiser

Infrared Configuration Unit (ICU)

User Guide

The ICU provides advanced configuration of the Cistermiser range of infrared activated washroom products.



Contents

Inserting and replacing batteries

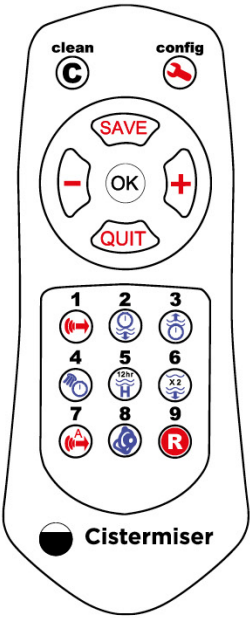
The ICU uses 2 AAA or LR03 Alkaline batteries, these must be installed before use. Always use new batteries of the same type. Install as indicated in the battery compartment on the rear of the ICU.

Please note: batteries should be replaced when the signal of the ICU becomes weak and it becomes difficult to activate either cleaning or configuration mode.

Direct Flush Configuration

Button descriptions

- Activates cleaning mode
- Activates ICU configuration mode
- Decreases setting
- Increases setting
- OK Checks the setting being altered
- SAVE Saves changes and exits ICU configuration mode
- QUIT Quits ICU configuration mode without saving changes
- **1** Configures sensor range
- **2** Configures flush time
- **3** No function
- **4** No function
- **5** 12-hour hygiene cycle activation
- **6** No function
- **7** Auto range setting of sensor range
- **8** Siphonic trap refill activation
- **9** Resets to default factory settings



Activating cleaning mode

Point the ICU at the Direct Flush sensor (in normal operation mode) and press the C **clean** button. This will deactivate the sensor for 30 seconds so the product can be cleaned without activating the valve. After 30 seconds the sensor will return to normal operation.

Activating ICU configuration mode

In order to activate ICU configuration mode with the ICU, it must be pointed at the Direct Flush sensor. Activation is most effective when the **configuration** button is held down and the ICU is brought within range of the sensor. It can take up to 3 seconds for Direct Flush to detect the ICU.

Direct Flush will return to normal operation if there is no activity for 30 seconds.

Configuring sensor range

Point the ICU at the Direct Flush sensor and press No. **1** **sensor range** button (the sensor blinks green). Decrease or increase the sensor range by pressing the - and + buttons respectively. The sensor blinks **red** when the min or max value is reached. Press the OK button to check the sensor range setting - the sensor displays the current setting by flashing **green**, as indicated in the table below.

Number of flashes	1	2	3	4	5
Range (cm approx)	45	50	53	56	58

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Configuring flush time

Point the ICU at the Direct Flush sensor and press No. **2** **flush time** button (the sensor blinks **green**). Decrease or increase the flush time by pressing the - and + buttons respectively. The sensor blinks **red** when the min or max value is reached. Press the OK button to check the flush time setting - the sensor displays the current setting by flashing **green**, as indicated in the table below.

Number of flashes	1	2	3	4	5
Flush time (sec)	3	5	7	9	11

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Activating the 12 hour hygiene flush cycle

Point the ICU at the Direct Flush sensor and press No. **5** **hygiene cycle** button (the sensor blinks **green**). Pressing the + and - buttons switches the hygiene flush function on or off respectively. Press the OK button to check the setting - the sensor flashes **green** once if the function is off or twice if it is on.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Configuring sensor range using the auto range function

Point the ICU at the Direct Flush sensor and press No. **7** **auto range** button. Immediately stand clear of the sensor. The sensor will blink **green** for 5 seconds, then a steady **green** when setting is complete. The sensor measures the background reflections and sets the sensor range to an appropriate setting.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Activating the siphonic trap refill function

Point the ICU at the Direct Flush sensor and press No. **8** **siphonic trap** button (the sensor blinks green). Pressing the + and - buttons switches the siphonic trap refill function on or off respectively. Press the OK button to check the setting - the sensor flashes **green** once if function is off or twice if it is on.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Reset to factory settings

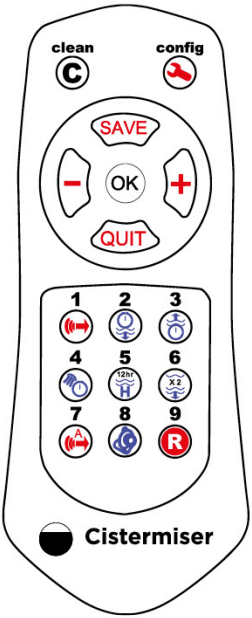
Point the ICU at the Direct Flush sensor and press No. **9** R **reset** button (the sensor blinks **green**). This returns all settings to the default factory settings.

Save all settings and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Easyflush Configuration

Button descriptions

- Activates cleaning mode
- Activates ICU configuration mode
- Decreases setting
- Increases setting
- OK Checks the setting being altered
- SAVE Saves changes and exits ICU configuration mode
- QUIT Quits ICU configuration mode without saving changes
- **1** Configures sensor range
- **2** Configures part flush time
- **3** Configures cistern refill time
- **4** Toggles Wave function ON/OFF (Walkaway ONLY)
- **5** 12-hour hygiene cycle activation
- **6** Dual flush activation
- **7** Auto range setting of sensor range
- **8** No function
- **9** Resets to default factory settings



Activating cleaning mode

Point the ICU at the Easyflush sensor (in normal operation mode) and press the C **clean** button. This will deactivate the sensor for 30 seconds so the product can be cleaned without activating the valve. After 30 seconds the sensor will return to normal operation.

Entering configuration mode

Point the ICU towards the Easyflush sensor and press the **configuration** button. Activation is most effective when the configuration button is held down as the ICU is brought within range of the sensor. Sensor blinks **red** when ICU is detected.

It can take up to 3 seconds for the product to detect the ICU. The Easyflush will return to normal operation if there is no activity for 30 seconds.

Configuring sensor range

Point the ICU at the Easyflush sensor and press No. **1** **sensor range** button (the sensor blinks **green**). Decrease or increase the sensor range by pressing the − and + buttons respectively. The sensor blinks **red** when the min or max value is reached. Press the OK button to check the sensor range setting - the sensor displays the current setting by flashing **green**; see table.

For **Wave** version

Number of flashes	1	2	3	4	5
Range (cm approx)	6	9	11	15	17

For **Walkaway** version

Number of flashes	1	2	3	4	5
Range (cm approx)	45	50	53	56	58

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Configuring part flush time

Point the ICU at the Easyflush sensor and press No. **2** **flush time** button (the sensor blinks **green**).

Decrease or increase the flush time by pressing the - and + buttons respectively. The sensor blinks **red** when the min or max value is reached.

Press the OK button to check the part flush time setting - the sensor displays the current setting by flashing **green**; see table.

Number of flashes	1	2	3	4	5
Part flush time (sec)	1	2	3	4	5

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Note: The full flush volume is set by setting the float height in the cistern.

Configuring refill time

Point the ICU at the Easyflush sensor and press No. **3** **refill time** button (the sensor blinks **green**).

Decrease or increase the refill time by pressing the - and + buttons respectively. The sensor blinks **red** when the min or max value is reached.

Press the OK button to check the refill time setting - the sensor displays the current setting by flashing **green**; see table.

Number of flashes	1	2	3	4	5	6	7
Part flush time (sec)	0	20	40	60	80	100	120

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Activating and de-activating the hand wave flushing (walkaway version only)

Point the ICU at the Easyflush sensor and press No. **4** **toggle** button (the sensor blinks **green**). By default the hand wave function is on.

Pressing the + and - buttons switches the hand wave function on or off respectively. Press the OK button to check the setting - the sensor flashes **green** once if function is off or twice if it is on.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Activating the 12-hour hygiene flush cycle

Point the ICU at the Easyflush sensor and press No. **5** **hygiene cycle** button (the sensor blinks **green**).

Pressing the + and - buttons switches the hygiene flush function on or off respectively.

Press the OK button to check the setting - the sensor flashes **green** once if function is off or twice if it is on.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Activating the dual flush function

Point the ICU at the Easyflush sensor and press No. **6** **dual flush** button (the sensor blinks **green**).

Pressing the + and - buttons switches the dual flush function on or off respectively. Press the OK button to check the setting - the sensor flashes **green** once if function is off or twice if it is on.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Configuring sensor range using the auto range function

If the cubicle door is opposite the sensor, ensure that the cubicle door is closed or ajar, but not fully open.

Point the ICU at the Easyflush sensor and press No. **7** **auto range** button.

Immediately stand clear of the sensor. The sensor will blink **green** for 5 seconds, then a steady **green** when setting is complete. The sensor measures the background reflections and sets the sensor range to an appropriate setting.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Reset to factory settings

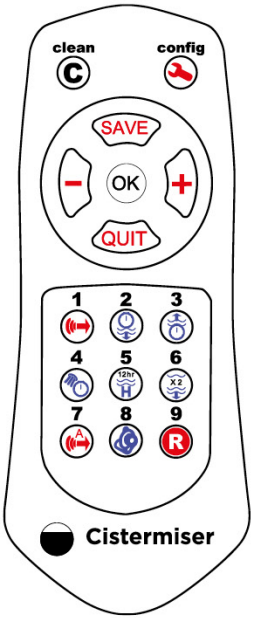
Point the ICU at the Easyflush sensor and press No. **9** **reset** button (the sensor blinks **green**). This returns all settings to the default factory settings.

Save all settings and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Easyflush^{EVO} Configuration

Button descriptions

- Activates cleaning mode
- Activates ICU configuration mode
- Decreases setting
- Increases setting
- OK Checks the setting being altered
- SAVE Saves changes and exits ICU configuration mode
- QUIT Quits ICU configuration mode without saving changes
- **1** Configures sensor range
- **2** Configures full/part flush time
- **3** Configures cistern refill time
- **4** Toggles Wave function ON/OFF (Walkaway ONLY)
- **5** 12-hour hygiene cycle activation
- **6** Half flush activation
- **7** Auto range setting of sensor range
- **8** No function
- **9** Switch Wave & Walkaway variants & resets to default factory settings



Activating cleaning mode

Point the ICU at the Easyflush^{EVO} sensor (in normal operation mode) and press the C **clean** button. This will deactivate the sensor for 30 seconds so the product can be cleaned without activating the valve. After 30 seconds the sensor will return to normal operation.

Entering configuration mode

Point the ICU towards the Easyflush^{EVO} sensor and press the **configuration** button, LEDs will flash **amber**. Activation is most effective when the configuration button is held down as the ICU is brought within range of the sensor.

It can take up to 3 seconds for the product to detect the ICU. The Easyflush^{EVO} will return to normal operation if there is no activity for 30 seconds.

Configuring sensor range

Point the ICU at the Easyflush^{EVO} sensor and press No. **1** **sensor range** button (the sensor blinks **green**). Decrease or increase the sensor range by pressing the − and + buttons respectively. The sensor blinks **red** when the min or max value is reached. Press the OK button to check the sensor range setting - the sensor displays the current setting by flashing **green**; see table.

For **Wave** version

Number of flashes	1	2	3	4	5
Range (cm approx)	5	10	15	20	25

For **Walkaway** version

Number of flashes	1	2	3	4	5
Range (cm approx)	45	50	55	60	65

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Configuring Full/Part flush time

Point the ICU at the Easyflush^{EVO} sensor and press No. **2** **flush time** button (the sensor blinks **green**).

Decrease or increase the flush time by pressing the − and + buttons respectively. The sensor blinks **red** when the min or max value is reached.

Press the OK button to check the flush time setting - the sensor displays the current setting by flashing **green**; see table.

Number of flashes	1	2	3	4	5
Full flush time (sec)	2¼	3	4	5½	8
Part flush time (sec)	1½	2	2¾	3¾	5½

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Configuring refill time

Point the ICU at the Easyflush^{EVO} sensor and press No. **3** **refill time** button (the sensor blinks **green**).

Decrease or increase the refill time by pressing the − and + buttons respectively. The sensor blinks **red** when the min or max value is reached.

Press the OK button to check the refill time setting - the sensor displays the current setting by flashing **green**; see table.

Number of flashes	1	2	3	4	5	6	7
Refill time (sec)	0	20	40	60	80	100	120

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Hand wave flushing (walkaway mode only) activation and de-activation

Point the ICU at the Easyflush^{EVO} sensor and press No. **4** **toggle** button (the sensor blinks **green**). By default the hand wave function is on.

Pressing the + and − buttons switches the hand wave function on or off respectively. Press the OK button to check the setting - the sensor flashes **green** once if function is off or twice if it is on.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

12-hour hygiene flush activation and de-activation

Point the ICU at the Easyflush^{EVO} sensor and press No. **5** **hygiene cycle** button (the sensor blinks **green**).

Pressing the + and − buttons switches the hygiene flush function on or off respectively.

Press the OK button to check the setting - the sensor flashes **green** once if function is off or twice if it is on.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Half flush activation and de-activation

Point the ICU at the Easyflush^{EVO} sensor and press No. **6** **dual flush** button (the sensor blinks **green**).

Pressing the + and − buttons switches the dual flush function on or off respectively. Press the OK button to check the setting - the sensor flashes **green** once if function is off or twice if it is on.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Configuring sensor range using the auto range function

If the cubicle door is opposite the sensor, ensure that the cubicle door is closed or ajar, but not fully open.

Point the ICU at the Easyflush^{EVO} sensor and press No. **7** **auto range** button.

Immediately stand clear of the sensor. The sensor will blink **green** for 5 seconds, then a steady **green** when setting is complete. The sensor measures the background reflections and sets the sensor range to an appropriate setting.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button. Only possible when configured as Walkaway.

Wave/walkaway conversion

Point the ICU at the sensor and press No. **9** R **switch/reset** button (the sensor blinks **green**).

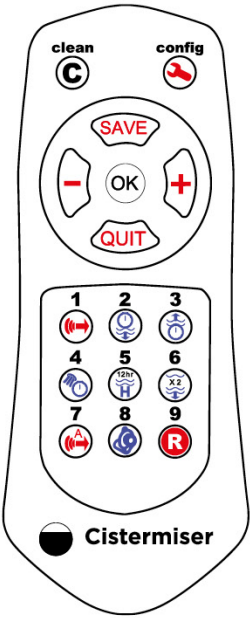
Pressing the − and + buttons switches the function to Wave and Walkaway respectively. Press the OK button to check the setting - the sensor flashes **green** once if wave is activated or twice if walkaway is selected.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Infrared Taps Configuration

Button descriptions

- Activates cleaning mode
- Activates ICU configuration mode
- Decreases setting
- Increases setting
- OK Checks the setting being altered
- SAVE Saves changes and exits ICU configuration mode
- QUIT Quits ICU configuration mode without saving changes
- **1** Configures sensor range
- **2** No function
- **3** No function
- **4** Configures run-on time
- **5** 12-hour hygiene cycle activation
- **6** No function
- **7** No function
- **8** No function
- **9** Resets to default factory settings



Activating cleaning mode

Point the ICU at the sensor (in normal operation mode) and press the C **clean** button. This will deactivate the sensor for 30 seconds so the product can be cleaned without activating the valve. After 30 seconds the sensor will return to normal operation.

Activating ICU configuration mode

In order to achieve ICU configuration mode with the ICU, it must be pointed at the sensor of the selected washroom product. Activation is most effective when the **configuration** button is held down as the ICU is brought within range of the sensor. It can take up to 3 seconds for product to detect the ICU.

The washroom product will return to normal operation if there is no activity for 30 seconds.

Configuring sensor range

Point the ICU at the sensor and press No. **1** **sensor range** button (the sensor blinks **green**).

Decrease or increase the sensor range by pressing the − and + buttons respectively. The sensor blinks **red** when the min or max value is reached. Press the OK button to check the sensor range setting - the sensor displays the current setting by flashing **green**, as indicated in the table below.

Number of flashes	1	2	3	4	5
Range (cm approx)	8	11	14	16	18

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Configuring run-on time

Point the ICU at the sensor and press No. **4** **run-on time** button (the sensor blinks **green**).

Decrease or increase the part flush time by the + and − buttons respectively. The sensor blinks **red** when the min or max value is reached. Press the OK button to check the run-on time setting - the sensor displays the current setting by flashing **green**, see table.

Number of flashes	1	2	3	4	5	6	7	8
Run-on time (sec)	1	2	3	4	5	10	20	30

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Configuring the 12-hour hygiene rinse cycle

Point the ICU at the sensor and press No. **5** **12-hour hygiene rinse** button (the sensor blinks **green**).

Decrease or increase the hygiene time by pressing the − and + buttons respectively. The sensor blinks **red** when the min or max value is reached. Press the OK button to check the hygiene rinse time setting - the sensor displays the current setting by flashing **green**, see table;

Number of flashes	1	2	3	4	5	6
Range (cm approx)	0	5	10	15	30	60

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Reset to factory settings

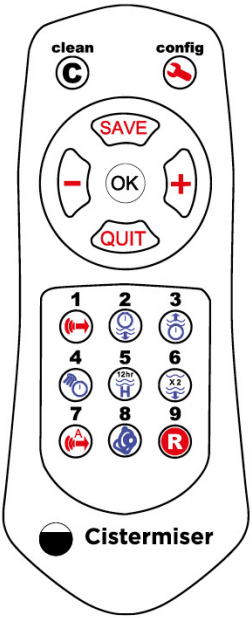
Point the ICU at the sensor and press No. **9** **reset** button (the sensor blinks **green**). This returns all settings to the default factory settings.

Save all settings and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Easyflush Direct Configuration

Button descriptions

- Activates cleaning mode
- Activates ICU configuration mode
- Decreases setting
- Increases setting
- OK Checks the setting being altered
- SAVE Saves changes and exits ICU configuration mode
- QUIT Quits ICU configuration mode without saving changes
- **1** Configures sensor range
- **2** Configures full flush duration
- **3** No function
- **4** Configures hand wave
- **5** 12-hour hygiene cycle activation
- **6** Dual flush activation
- **7** Auto range setting of sensor range
- **8** No function
- **9** Resets to default factory settings



Activating cleaning mode

Point the ICU at the Easyflush Direct sensor (in normal operation mode) and press the **C clean** button. This will deactivate the sensor for 30 seconds so the product can be cleaned without activating the valve. After 30 seconds the sensor will return to normal operation.

Entering configuration mode

Point the ICU towards the Easyflush Direct sensor and press the **configuration** button.

Activation is most effective when the configuration button is held down as the ICU is brought within range of the sensor. The sensor blinks **red** when the ICU is detected. It can take up to 3 seconds for the product to sense the ICU. The Easyflush Direct will return to normal operation if there is no activity for 30 seconds.

Configuring sensor range

Point the ICU at the Easyflush Direct sensor and press No. **1 sensor range** button (the sensor blinks **green**). Decrease or increase the sensor range by pressing the − and + buttons respectively. The sensor blinks **red** when the min or max value is reached. Press the OK button to check the sensor range setting - the sensor displays the current setting by flashing **green**; see table.

For **Wave** version

Number of flashes	1	2	3	4	5
Range (cm approx)	6	9	11	15	17

For **Walkaway** version

Number of flashes	1	2	3	4	5
Range (cm approx)	45	50	53	56	58

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Configuring the full flush duration

Point the ICU at the Easyflush Direct sensor and press No. **2** **flush duration** button (the sensor blinks **green**).

Decrease or increase the full flush duration by pressing the - and + buttons respectively. Press the OK button to check the full flush duration setting - the sensor displays the current setting by flashing **green**; see table.

Number of flashes	1	2	3
Full flush time (sec)	2	3	4

Part flush duration will be automatically set at 0.6 x full flush duration. Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Activating and de-activating the hand wave flushing (Walkaway version only)

Point the ICU at the Easyflush Direct sensor and press No. **4** **configures** button (the sensor blinks **green**). By default the hand wave function is on. Pressing the + and - buttons switches the hand wave function on or off respectively. Press the OK button to check the setting - the sensor flashes **green** once if the function is off or twice if it is on.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Activating the 12-hour hygiene flush cycle

Point the ICU at the Easyflush Direct sensor and press No. **5** **hygiene cycle** button (the sensor blinks **green**). Pressing the + and - buttons switches the hygiene flush function on or off respectively. Press the OK button to check the setting - the sensor flashes **green** once if function is off or twice if it is on.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Activating the dual flush function

Point the ICU at the Easyflush Direct sensor and press No. **6** **dual flush** button (the sensor blinks **green**). Pressing the + and - buttons switches the dual flush function on or off respectively. Press the OK button to check the setting - the sensor flashes **green** once if the function is off or twice if it is on.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Configuring sensor range using the auto range function

If the cubicle door is opposite the sensor, ensure that the cubicle door is closed or ajar, but not fully open.

Point the ICU at the Easyflush Direct sensor and press No. **7** **auto range** button.

Immediately stand clear of the sensor. The sensor will blink **green** for 5 seconds, then a steady **green** when setting is complete. The sensor measures the background reflections and sets the sensor range to an appropriate setting.

Save setting and exit the ICU configuration mode by pressing the SAVE button. Exit without saving by pressing the QUIT button.

Reset to factory settings

Enter into configuration mode. Point the ICU at the Easyflush Direct sensor and press No. **9** R **reset** button: the sensor will blink **green** once. This returns all settings to the default factory settings.

To save the setting and exit ICU configuration mode press SAVE button. The sensor will blink **green** for 1 second and then constant **amber** for 3 seconds.

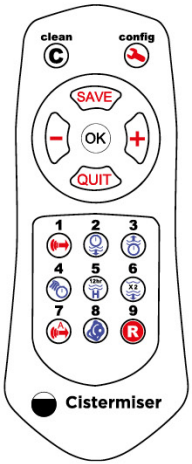
To exit without saving press the QUIT button. The sensor will blink **red** for 1 second and then constant **amber** for 3 seconds.

Sensazone Configuration

Button descriptions

- Activates cleaning mode
- Activates ICU configuration mode
- Decreases setting
- Increases setting
- Checks the setting being altered
- Saves changes and exits ICU configuration mode
- Quits ICU configuration mode without saving changes

- **1** Configures sensor range
- **2** Light threshold
- **3** Fan run-on time
- **4** Configures run-on time
- **5** 12-hour hygiene cycle activation
- **6** No function
- **7** No function
- **8** Power loss valve setting
- **9** Resets to default factory settings



Activating walk test

When the Sensazone is in normal operation, point the ICU at the Sensazone and press No. **1** **sensor range** button. The Sensazone will flash **green** every time it detects movement. This confirms that the unit is operating correctly. After 2 minutes of no movement, the sensor returns to normal operation. The product must be put into ICU configuration mode before any setting can be configured.

Activating cleaning mode

Point the ICU at the Sensazone (in normal operation mode) and press the **clean** button. This will lock the solenoid valve(s) open or closed.

1) Lock open indefinitely (steady **green** LED)

2) Lock closed indefinitely (steady **red** LED)

3) Lock closed for 10 minutes (steady **amber** LED)

4) Normal operation (LED out)

Repeatedly pressing the clean mode will cycle through the 4 modes. If a delay of 4 seconds occurs after pressing the clean button, the valve(s) remain in the selected mode. To return to normal operation press the clean button 4 times.

Entering configuration mode

Point the ICU towards the Sensazone sensor and press the **configuration** button. Activation is most effective when the configuration button is held down as the ICU is brought within range of the sensor. It can take up to 3 seconds for the product to detect the ICU. The Sensazone will return to normal operation if there is no activity for 30 seconds.

Configuring sensor sensitivity (range)

Point the ICU at the Sensazone and press No. **1** **sensor range** button: the sensor will blink **green** once. Decrease or increase the sensor range by pressing the − and + buttons respectively. The sensor blinks **green** every time the − and + button is pressed and blinks **red** when the maximum value is reached. Press the OK button to verify the sensor setting.

Single flash: minimum sensitivity setting.

Double flash: medium sensitivity setting.

Triple flash: maximum sensitivity setting.

Save setting and exit the ICU configuration mode by pressing the SAVE button. The sensor will display constant **green** for 5 seconds and then constant **amber** for 10 seconds. To exit without saving press the QUIT button.

NB: Changing sensor sensitivity will only take effect on the individual sensor, other sensors in the system will keep their range.

Configuring light threshold*

Point the ICU at the Sensazone and press No. **2** **light threshold** button; the sensor will blink **green** once. Decrease or increase the light threshold by pressing the - and + buttons respectively. The sensor blinks **green** every time - or + is pressed and blinks **red** when the minimum or maximum value has been reached. Press the OK button to verify the sensor light threshold setting; the sensor displays the current setting by flashing **green**.

Single flash: minimum sensitivity setting.

Double flash: medium sensitivity setting.

Triple flash: maximum sensitivity setting.

Save setting and exit the ICU configuration mode by pressing the SAVE button. The sensor will display constant **green** for 5 seconds and then constant **amber** for 10 seconds. To exit without saving press the QUIT button. The sensor will blink **red** for 1 second and then constant **amber** for 3 seconds.

NB: Changing light threshold will only take effect on the individual sensor, other sensors in the system will keep their light threshold settings.

Configuring fan run-on time*

Point the ICU at the Sensazone and press No. **3** **fan run-on time** button; the sensor will blink **green** once. Decrease or increase the fan run-on time by pressing the - and + buttons respectively. The sensor blinks **green** every time - or + is pressed and blinks **red** when the minimum or maximum value has been reached.

Press the OK button to verify the sensor light threshold setting; the sensor displays the current setting by flashing **green**.

Number of flashes	1	2	3	4	5
Range (cm approx)	0	5	15	30	60

Save setting and exit the ICU configuration mode by pressing the SAVE button. The sensor will display constant **green** for 5 seconds and then constant **amber** for 10 seconds. To exit without saving press the QUIT button. The sensor will blink **red** for 1 second then constant **amber** for 3 seconds.

NB: The fan run-on time is in addition to the occupancy run-on time. Changing the fan run-on time will be common across sensors in the network.

Configuring occupancy (run-on) time

Point the ICU at the Sensazone and press No. **4** **configures run-on time** button: the sensor will blink **green** once. Decrease or increase the run-on time by pressing the - and + buttons respectively. The sensor blinks **green** every time the - or + is pressed and blinks **red** when the maximum value is reached. Press the OK button to verify the sensor setting: the sensor displays the current setting by flashing **green**.

Number of flashes	1	2	3	4	5
Run-on time (min)	5	10	15	20	30

Save setting and exit the ICU configuration mode by pressing the SAVE button. The sensor will display constant **green** for 5 seconds and then constant **amber** for 10 seconds. To exit without saving press the QUIT button. The sensor will blink **red** for 1 second then constant **amber** for 3 seconds.

NB: When multiple sensors are connected, changes to occupancy time will be common across all sensors in the network.

Activating the 12-hour hygiene cycle

Point the ICU at the Sensazone and press No. **5** **hygiene cycle** button: the sensor will blink **green** once. Pressing the + and - buttons switches the hygiene function on or off respectively. Press the OK button to verify the setting; the sensor displays the current setting by flashing **green**.

Single flash: hygiene cycle OFF.

Double flash: hygiene cycle ON.

Save setting and exit the ICU configuration mode by pressing the SAVE button. The sensor will display constant **green** for 5 seconds and then constant **amber** for 10 seconds. To exit without saving press the QUIT button. The sensor will blink **red** for 1 second then constant **amber** for 3 seconds.

NB: Hygiene flush run-on time is 30 min. When connected to the interface module activating the hygiene cycle will be common across all sensors in the network.

** when SZ / LFC is connected.*

Power loss (valve) setting

Point the ICU at the Sensazone and press No. **8** **power loss valve setting** button: the sensor will blink **green** once. Select the power loss by pressing the - and + buttons respectively. The sensor blinks **green** every time - and + is pressed and blinks **red** when the minimum or maximum value is reached. Press the OK button to verify the power loss setting: the sensor displays the current setting by flashing **green**.

Single flash: Valves close in the event of power loss

Double flash: Valves open in the event of power loss

Triple flash: Valves remain in their present state in the event of power loss

NB: The power loss feature does not impact the lights and fans operation.

Save setting and exit ICU configuration mode by pressing the SAVE button. The sensor will display constant **green** for 5 seconds and then constant **amber** for 10 seconds. To exit without saving press the QUIT button. The sensor will blink **red** for 1 second and then constant **amber** for 3 seconds.

Reset to factory settings

Point the ICU at the Sensazone and press No. **9** R **reset** button: the sensor will blink **green** once. This returns all settings to the default factory settings.

To save the setting and exit ICU configuration mode press the SAVE button. The sensor will display constant **green** for 5 seconds and then constant **amber** for 10 seconds. To exit without saving press the QUIT button. The sensor will blink **red** for 1 second and then constant **amber** for 3 seconds. To activate the walk test and cleaning mode the Sensazone should be in normal operating mode.

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