![ASi®]

EZ FILL™ FAUCET

AUTOMATIC
DECK MOUNTED FAUCET
INSTALLATION AND MAINTENANCE GUIDE

TABLE OF CONTENTS

Unit Install Date _____

Unit Location in Facility _____

Unit S/N (From Label) _____

Supplied By _____

Original PO No. _____

ASI Order No. _____

PRE-INSTALLATION INFORMATION

CHECK CONTENTS

Separate all parts from the packaging and check each part with the "Pack contents" section.

Pay attention to the different models variations.

Make sure all parts are accounted for before discarding any packaging material.

If any parts are missing, do not attempt to install your electronic faucet until you obtain the missing parts.

WARNINGS

Do not install facing a mirror or any other electronic system operated by an infrared sensor.

To prevent reflection problems, it is recommended to keep a minimum distance of 1.50 meters between the faucet and any other objects.

PREPARATION FOR INSTALLATION

Flush water supply lines thoroughly before installing the faucet. Do not allow dirt, Teflon tape or metal particles to enter the faucet.

Shut off water supply.

Installations in Australia and New Zealand must comply with the requirements of AS/NZS 3500.

Important: All plumbing is to be installed in accordance with applicable codes and regulations.

RECOMMENDED HOLE SIZE

Ø28mm min
Ø34 mm max
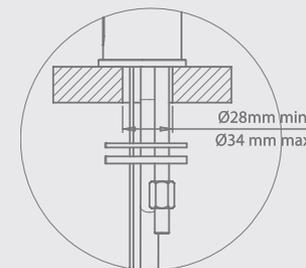
EZFILL™ FAUCET

Familiarize yourself with the part names and confirm that the parts are included.

1 X FAUCET AND ATTACHMENTS

1 X FILTER

1 X ALLEN KEY

B VERSION	E VERSION
BATTERY BOX FOR 1.5V BATTERIES X 6	9V TRANSFORMER

Batteries not included

4-1/2"
[115mm]

6-5/8"
[169mm]

3-5/8"
[92mm]

2-3/4"
[71mm]

∅ 1-3/4"
[44mm]

∅ 2"
[50mm]
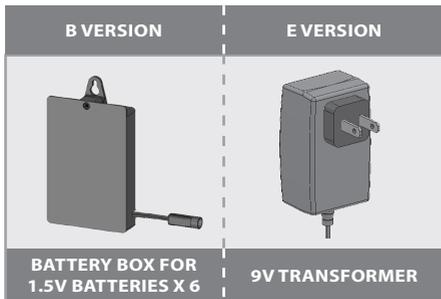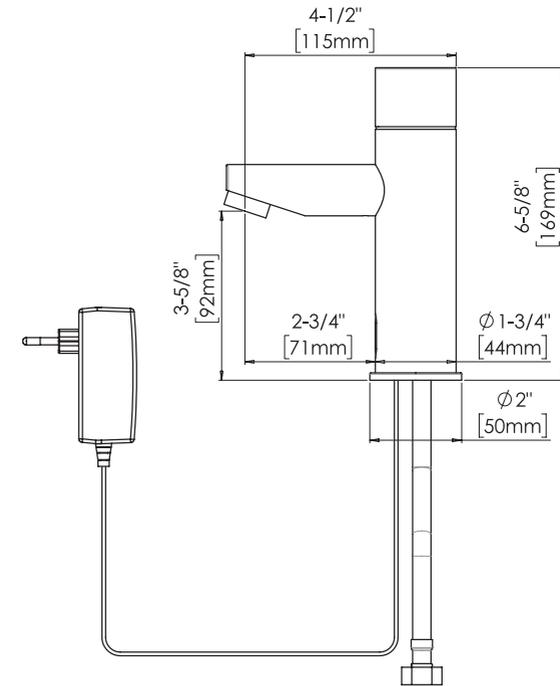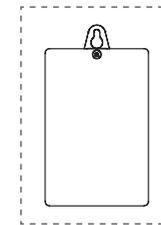
| EZFILL™ FAUCET (battery powered) - 235100 EZFILL™ FAUCET (transformer powered) - 235200	
Power supply:	6 X 1.5V AA batteries or 9V transformer
Recommended water pressure:	8.0-0.5 bar (116-7 PSI) With water pressure of more than 8 bars, use a pressure reducing valve for reduction.
Preset sensor range:	200mm / 7.87" (customizable with optional remote control)
Minimum sensor range:	35mm / 1.38"
Maximum sensor range:	300mm / 11.81"
Security time:	90 seconds (can be reduced with optional remote control)
Hot water temperature:	Max 70°C

STEP 1 – PREPARATION FOR MOUNTING THE FAUCET

1 Shut off the water supply.

2 Remove the hexagonal nut, the disk and the gasket. Do not remove the O-ring from the base of the faucet.

O-RING

↓ GASKET

↓ DISC

↓ NUT
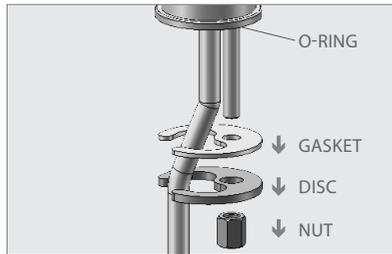
STEP 2 – INSTALLING THE FAUCET

1 Place the faucet with O-ring into the hole in deck or lavatory. Make sure the O-ring is located between the deck or lavatory and the bottom of the faucet.

O-RING
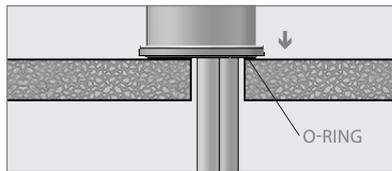
2 Slide the gasket, disk and hexagonal nut over the flexible hose and secure the faucet into place.

O-RING

↑ GASKET

↑ DISC

↑ NUT

O-RING

GASKET

DISC

NUT
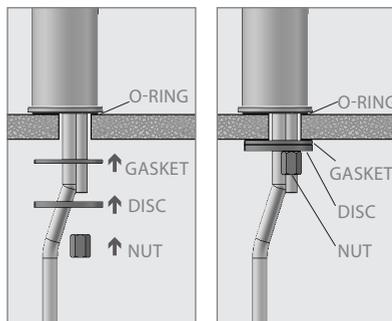
STEP 3 – CONNECTING THE WATER SUPPLY

1 Connect the flexible pipe to the water supply.
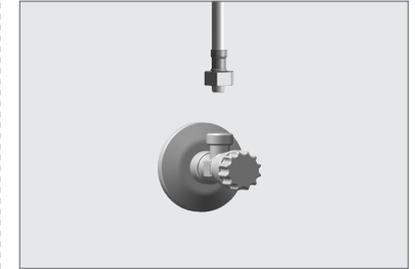
MAKE SURE THAT THE FILTER(S) IS/ARE INSTALLED BETWEEN THE FLEXIBLE PIPE AND THE SHUT OFF VALVE (ANGLE VALVE) (NOT SUPPLIED).

2 Turn on the central water supply and the shut-off valves (angle valves) and check for leaks.

NOTE FOR HOT AND COLD WATER SERVICE: Mixing valve is optional and not supplied by ASI, may be supplied by others, and will require hot & cold potable water building service (by others).
The single hose to the faucet is connected to the OUTPUT of the mixing valve (by others) to receive temperature modulated (by others) potable building water. Excessively long hose (by others) will result in delay of delivery of correct temperature water to faucet.

STEP 4 – CONNECTING THE POWER SOURCE

1

BATTERY VERSION

Install the battery box at the wall underneath the sink using the two sided adhesive foam tape. The cable connection must point down. (You can use an optional extension cable in order to assemble the battery box up to 10ft. away from the sink.)
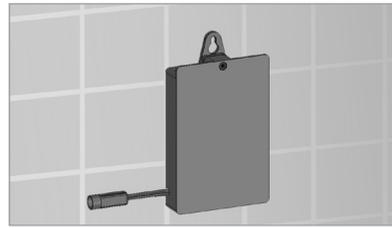
TRANSFORMER VERSION

Plug the transformer into the electricity socket and connect the connectors.

2

In order to avoid entering into the adjusting mode, wait 10 seconds before operating the faucet. If the range is unsatisfactory, refer to the section titled "settings adjustment.

ABOUT
10
SECONDS

DETECTION RANGE

DELAY IN TIME

SECURITY TIME

COMFORT FLUSH

IN RANGE OUT
SEC ADJ RES

DELAY OUT TIME

TEMPORARY OFF FUNCTION

RESET

HYGIENE FLUSH

6–8"
15–20 cm

Adjusting the settings with the remote control

If necessary, the sensor settings can be adjusted as following:
Shut off the water supply. In order to adjust the sensor with the remote control, hold the remote control straight in front of the sensor in a distance of about 20-15) "8-6cm). Choose the function you want to adjust by pressing once on one of the function buttons. After pressing once on a specific function button, a quick flashing of the LED at the front of the sensor will occur. At this stage, you can change the setting by pressing the (+) or the (-) buttons, every push will increase or decrease one level. After finishing the adjustment, turn the water supply back on.

RANGE

DETECTION RANGE: Only if necessary, use the remote control to adjust the sensor range as follows:

Press the RANGE button. Wait until a quick flashing of the LED in the sensor eye is perceived. Then, press + to increase the one level and – to reduce it every push will increase or decrease one level.

NOTE: Once you have changed the detection range with the remote control, this distance will be remembered by the sensor, even if the power source is disconnected.

DELAY IN TIME: If required, the delay in time can also be modified as follows: Press the IN button. Wait until a quick flashing of the LED in the sensor eye is perceived. Then, press + to increase the delay in time and – to reduce it.

DELAY OUT TIME: This button allows modifying the flushing start time after the user moves away from the product. A delay out time close to 0 will save more water. An increased delay out time will make the user experience more comfortable.

If required, the delay out time can be modified as follows:
Press the OUT button. Wait until a quick flashing of the LED in the sensor eye is perceived. Then, press + to increase the delay out time and – to reduce it.

TEMPORARY OFF FUNCTION: This function is ideal to perform any kind of activity in front of the sensor without operating the system (for example, cleaning).

The product will remain shut for 1 minute when this button is pressed once. To cancel this function and to return to normal operation press the On/Off button again or wait 1 minute.

RESET BUTTON: This function restores all the factory settings except for the sensor range. If required, press the Reset button and without releasing it, press the + button once.

SECURITY TIME: The Security time, prevents continuous flushing of water due to reflections or vandalism. By default, if the sensor is covered for more than 90 seconds the water flow will shut automatically. To resume regular operation any obstruction must be removed.

Press the SEC button. Wait until a quick flashing of the LED of the sensor eye is perceived. Then, press + to increase the security time and – to reduce it.

24 HOUR HYGIENE FLUSH: This model includes a 24 hours hygiene flush which is disabled. To activate the hygiene flush, press the clock button. Wait until a quick flashing of the LED in the sensor eye is perceived. Then press + to activate the hygiene flush. To disable it again, press – to deactivate it.

COMFORT FLUSH: If your model includes a COMFORT FLUSH setting, it can be activated by pressing the flush button.

When the button is pressed, one blink of the LED in the sensor eye is perceived. The pre-programmed flush cycle will take place then.

The Comfort flush cannot be interrupted or deactivated by pressing any button until it is over.

When the battery weakens, the red indicator light will blink at a constant rate. The battery must be replaced within two weeks.

To replace the battery in Trendy B models:

1. Unscrew the holding screw

2. Carefully open the battery box

3. Remove the old batteries

Old Battery

4. Replace the used batteries with a new 6 X 1.5V batteries (Lithium battery is recommended).

New Battery

5. Close the box

IMPORTANT: Spent batteries should not be disposed of with normal household waste. Contact your local authority for information on waste disposal and recycling.

SPARE PARTS LIST

Seals and Screws Kit	0397-SSK
10-pack Sensor Kit	10-0397-S
Cover Kit	0397-CK
10-pack Solenoid Valve Kit	10-0397-VK
Battery box with 6X1.5V AA batteries	10-0397-BP
Transformer	0397-ACA
Soap & Water Remote Control (Optional)	10-0390-R-MASTER

MAINTENANCE

Filter cleaning instructions

This faucet is provided with one / two stainless steel filter(s) preventing foreign particles to enter the lines. If the water flow has decreased, this can be because the filter(s) is/are clogged. The filter(s) can be cleaned as follows:

1. Shut-off the water shut off valve (angle valve).

2. Disconnect the flexible pipe/s.

3. Remove the filter(s) and wash it/them under running water.

4. Reassemble the parts.

5. Make sure that there is no water leakage.

Care and cleaning of chrome and special finishes

DO NOT use steel wool or cleansing agents containing alcohol, acid, abrasives, or the like. Use of any prohibited cleaning or maintenance products or substances could damage the surface of the faucet. For surface cleaning of faucet use ONLY soap and water, then wipe dry with clean cloth or towel. When cleaning bathroom tile, the faucets should be protected from any splattering of harsh cleansers.

WARRANTY

We are pleased to offer this warranty covering ASI products furnished for your project.

This warranty replaces any other warranties or product descriptions, whether expressed or implied, written or oral.

It is understood that the products for this project have been selected and inspected by the purchaser, and have been accepted without qualification by the purchaser as merchantable, fit for the intended use, and satisfy the specifications.

EZ FILL™ SOAP DISPENSER PRODUCTS WILL BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP DURING NORMAL USE FOR (2) TWO YEARS FROM THE DATE OF INVOICE.

Should the product fail under this warranty, the sole remedy, at the seller's option, will be to repair the defective product, refund the purchase price, provide an equivalent new or refurbished product or provide parts only.

ASI AND/OR SELLER DISCLAIM ANY LIABILITY FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. This warranty excludes product damage due to incorrect installation, improper maintenance, wear and tear, battery spoilage, product abuse, or product misuse, whether performed by a contractor, service company, or the consumer.

ASI will not be responsible for labor costs associated with the removal, replacement, repair by others, reinstallation, renovation or return of its products.

TROUBLESHOOTING

PROBLEM	INDICATOR	CAUSE	SOLUTION
No water coming out of the faucet:	1. Sensor flashes continuously when user's hands are within the sensor's range.	Low battery.	Replace battery
	2. LED in the sensor does not flash once when user's hands are within the sensor's range.	1. Range is too short.	Increase the range
		2. Range is too long.	Decrease the range
		3. Battery is completely used up	The battery must be replaced.
		4. Unit is in "Security Mode"*	
		5. Sensor is picking up reflections from the washbasin or another object.	Eliminate cause of reflection.
	3. LED in the sensor flashes once when user's hands are within the sensor's range.	1. Connectors between the electronic unit and solenoid are disconnected.	Connect the electronic unit connectors to the solenoid.
		2. Debris or scale in solenoid.	Unscrew solenoid, pull out the plunger and the spring from the solenoid and clean them. Use scale remover material if needed. When replacing the plunger, please make sure that the spring is in vertical position.
		3. The central orifice in the diaphragm is plugged or the diaphragm is torn	Clean the orifice or replace diaphragm.
		4. The water supply pressure is higher than 8 bar.	Reduce the supply water pressure.
		5. The water supply pressure is under 8 bars and yet the pressure in the faucet's body is higher. This situation could be caused by a sudden increase in the water supply pressure that the back check prevents from dropping, even after water supply pressure drops under 8 bars.	Shut off water supply and unscrew one of the flexible pipes in order to reduce the pressure that blocks the product.
Water flow from spout does not stop:	1. Sensor flashes once when user's hands are within the sensor's range.	Debris or scale in diaphragm	Clean the orifice or replace diaphragm.
	2. LED in the sensor does not flash once when user's hands are within the sensor's range.	1. Sensor is dirty or covered.**	Clean or eliminate case of interference.
		2. Sensor is picking up reflections from the washbasin or another object.	Decrease the range or eliminate cause of reflection.
Water flow diminished		Filter or aerator is clogged	Remove, clean, re-install

* "Security Mode": If the sensor is covered for more than 90 sec. the faucet will automatically shut off water flow. To return to normal operation remove any blockage.

** In this case, the water flow will stop anyway after 90 seconds because of the security time.

30 September 2020

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