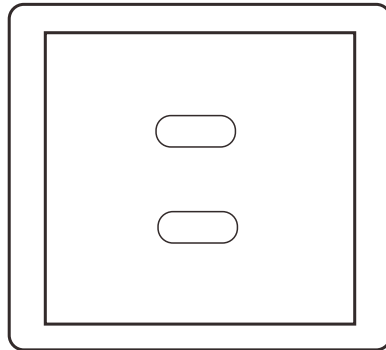




Enviro-Tech

INSTALLATION INSTRUCTIONS

ET-SH - INFRARED SHOWER VALVE



Thank you for purchasing this Enviro-Tech product



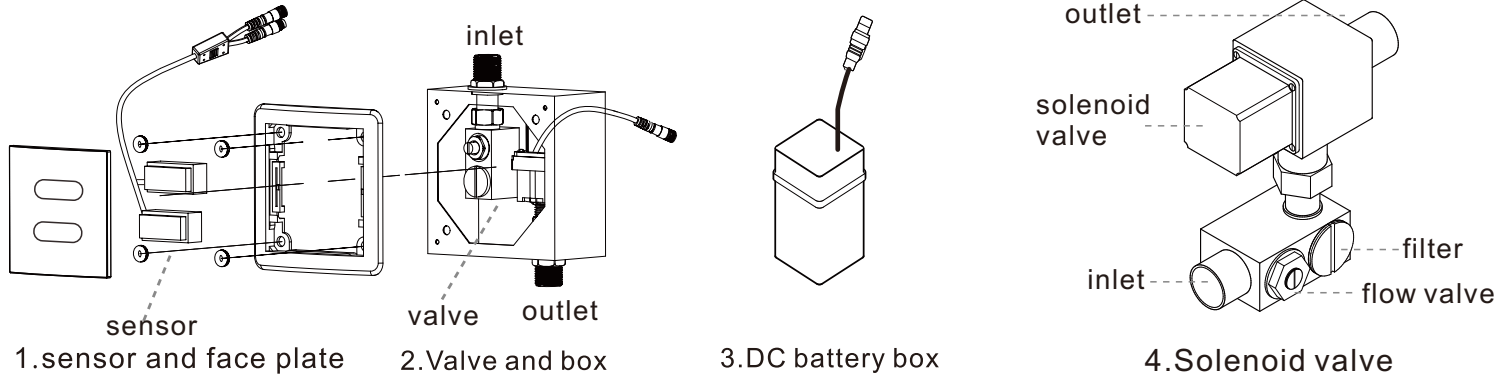
INSTALLATION INSTRUCTIONS INFRARED SHOWER VALVE

We strongly recommend that you use a qualified and registered plumber and electrician. You must ensure that all pipe work is flushed adequately, particularly in new builds or where lines have been disrupted. Components of sensor products are particularly susceptible to debris and will require more thorough flushing than a standard plumbing fixture.

TECHNICAL SPECIFICATION

Function	ET-SH
Power input	DC:6V(4x1,5V AA alkaline battery)
Power consumption	Static:<4Ma,active:<500mA
Water pressure	100kPa-500kPa (recommended 350kPa)
Inlet/outlet diameter	15mm ½ G
Detection zone	750mm-800mm (Adjustable - see Sensor Adjustment)
Confirmation time	5 seconds
Run time	Auto shut off once body removed from sensor field.

COMPONENTS



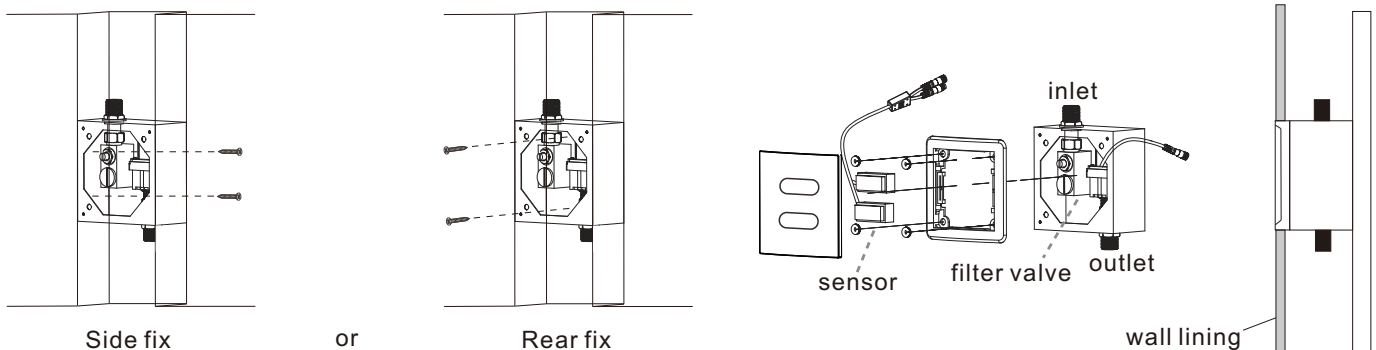
INSTALLATION STEPS

- >Fix valve box within wall - only face plate and surround visible after install complete. Plastic packing cover screws to box to protect internals after rough in stage, face plate to be fixed on finishing.
- >Connect water feed to inlet valve.
- >Connect outlet to shower head.
- >Insert batteries to DC battery box.
- >Connect battery box to face plate plug.
- >Connect solenoid valve to face plate plug.

VALVE BOX INSTALLATION

1. Fix control box within wall, can be side or rear fixed.

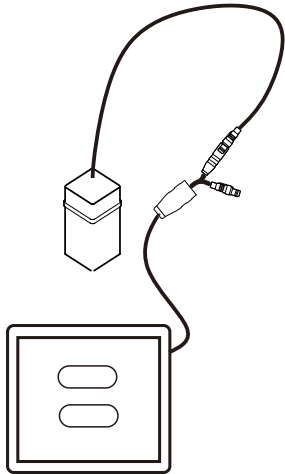
2. Attach face plate to control box.



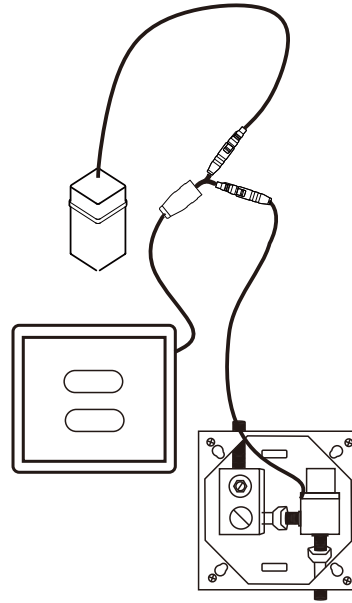
CABLE CONNECTION

WARNING: If parts are connected incorrectly electronics can be damaged!

1. Insert batteries to DC battery box and connect battery box to faceplate.



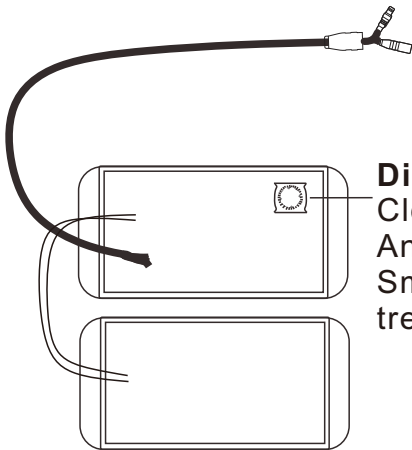
2. Connect solenoid valve to face plate plug.



SENSOR ADJUSTMENT

Adjustment to the sensor distance is not usually necessary. But if the shower is not operating adequately for your setting, the sensor distance can be adjusted using the small grub screw on the rear of the sensor.

IMPORTANT: Adjustment should only be made using a small cross head screwdriver and gentle 1/4 turns. Excessive force will cause the sensor grub screw to snap and is not covered by warranty.

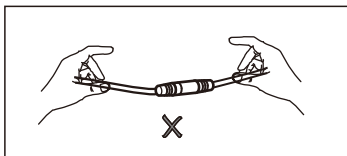
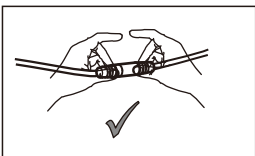


Distance adjustment

Clockwise to Min. distance

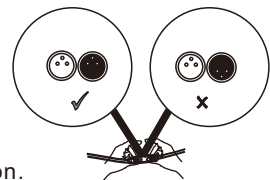
Anticlockwise to Max. distance

Small gentle 1/4 turn only - screw will break if treated roughly.



Attention:

Hold the plug not the wire to connect and disconnect and make sure the pins align to the holes in the right position.



TROUBLE SHOOTING

Problem	Possible Cause	Solution
No water out or water will not stop running	<u>Most common:</u> No water supply/No power Sensor obstructed/dirty	<ul style="list-style-type: none"> Check water and power supply, change batteries. Unplug all cables, leave unplugged for 5 minutes, then reconnect everything carefully - See Cable Connection Diagram. Clean sensor
Too much or too little water flow	Water pressure incorrect The filter or solenoid is dirty	Adjust water pressure Clean the filter. Clean/replace solenoid
Indicator light is off/flashing	No power – batteries are flat Bad connection	Replace batteries Check connections
Sensor is not activating correctly	Sensor distance may require adjustment	See Sensor Adjustment Diagram. Care is required, small gentle ¼ turn only and retest advised. Adjustment screw can break if mistreated and may not be covered by your product warranty.
Shower is self-activating	All infra-red technology can be affected by strong or directional light, reflective surfaces or high-viz clothing. This is due to environmental factors and is not a product fault.	

For detailed troubleshooting advice, see the Installation page of our websites enviro-tech.com.au or enviro-tech.co.nz or call us on the numbers below.



WARRANTY

This Enviro-Tech product is guaranteed for 12 months from the date of purchase. This is a parts only warranty and Enviro-Tech is not liable for any associated costs incurred in the replacement or repair of any item. For full details of the warranty conditions, see the Warranty page of our websites.

AFTERCARE

Ensure good water quality is maintained and the filter on the solenoid valve is cleaned out regularly. Failure to do so could result in a blocked solenoid/impair product functionality and may invalidate your product warranty. Whilst advanced plating techniques are used in the manufacture of this product. The surface will be affected if cleaned incorrectly. Surfaces should be maintained using a clean damp cloth, no abrasive agents or materials should be used or come into contact with the surface finish, or this will invalidate your warranty.

This Enviro-Tech product is manufactured strictly to adhere to the ISO9001 standard WaterMark certification. Enviro-tech reserves the right to update product technology at any time.

Contact Info:

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