

Customer/technical services

For any technical or installation queries please contact Vado on 01934 745163.

Guarantee

This product is guaranteed against manufacturing defects from the date of purchase until the expiry of the relevant guarantee period shown below.

The guarantee is only valid if:-

1. The product has been installed, used and maintained in accordance with Vado's instructions and subjected to normal use only.
2. The defect is not due to use of an unsuitable or inadequate water or power supply.
3. The defect is not due to accident, misuse, neglect or repair other than by Vado or Vado authorised agents or damage caused by foreign objects or substances.
4. We have received from you the completed Guarantee Registration Form. Vado accepts no responsibility for any forms lost in the post and returns by registered means is therefore recommended.

Under this guarantee (which is non-transferable) Vado will, at its option, repair or replace free of charge any product (or replacement part) found to be defective. The guarantee does not extend to any consequential loss or damage. After repair or replacement the relevant guarantee period will be calculated from the original date of purchase.

The relevant guarantee periods are:-

1. Twelve years on chrome finish products.
2. Six years on Vado Identity products.
3. Three years on all other products with the exception of Stuart Turner Pumps which carry a 2 year Guarantee on Monsoon Range and 1 Year Guarantee on Showermate Range.

All claims under the guarantee must be submitted in writing to the person who supplied the product to you and must be received no later than the last day of the relevant guarantee period. All claims must be accompanied by proof of purchase (sales receipt or delivery note).

Vado operates a policy of continuous product development and therefore reserves the right to change the product, packaging and documentation specifications without notice.

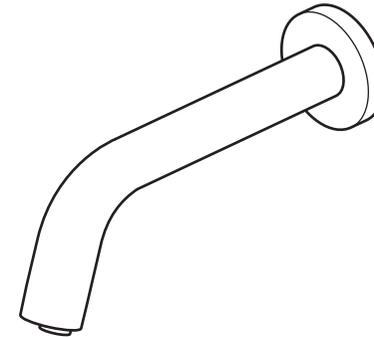
This guarantee is in addition to and does not affect your statutory rights as a consumer.

Vado

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Installation & maintenance instructions



wspout

Mono basin filler with infrared sensor

GUARANTEE REGISTRATION			
NAME			
ADDRESS			
	POSTCODE		
RETAILER			
ADDRESS			
	POSTCODE		
PURCHASE DATE	ARTICLE NUMBER	(SEE BOX)	
PRODUCT DESCRIPTION			
WHO INSTALLED THE PRODUCT?	RETAILER	PLUMBER	BUILDER SELF
FOR VADO USE			

Please leave these instructions with the customer

Important - please read

Please read these instructions carefully before starting installation and keep for future reference.

Remove all packaging and check the product for missing parts or damage before starting installation.

Any alterations made to this product and fittings may infringe water and electrical regulations and will invalidate the guarantee.

Please note if installing in an enclosed environment, access should be left for servicing and maintenance. No costs relating to inadequate access can be accepted.

We strongly recommend that you use a qualified and registered plumber and electrician.

Plumbing Connections

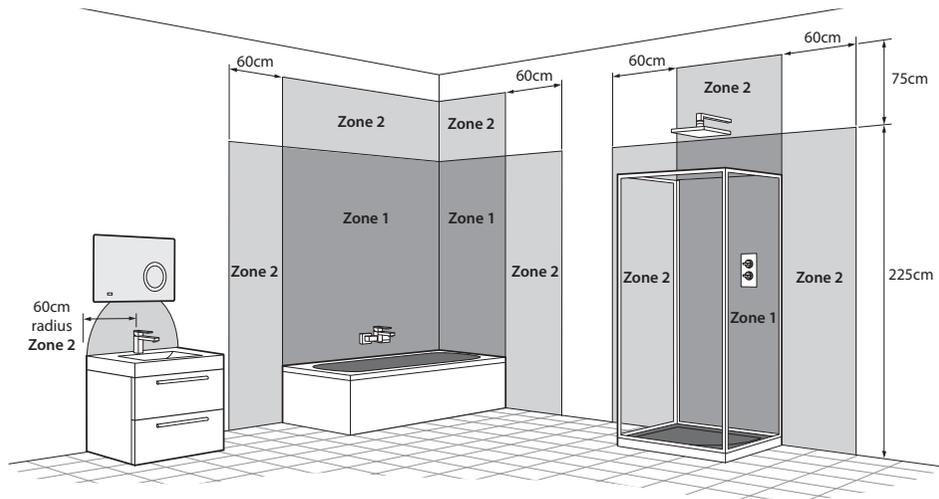
The installation must comply with all Local/National Water Supply Authority Regulations/ Byelaws and Building and Plumbing (UK:BS6700) Regulations.

Electrical Connections

All electrical connections should be carried out by a qualified electrician.

The installation must comply with the requirements of BS7671 (Requirements for electrical installations).

All Vado electronic taps are IPX6 rated and are suitable for installation in zone 2 and beyond. The diagram below illustrates this zonal concept and must be followed to ensure safe installation of electrical bathroom products.



- **Zone 0** - Inside the Bath or Shower.
- **Zone 1** - Area above the Bath or Shower tray to a height of 2.25m
- **Zone 2** - Area outside of Zone 1 (minimum IP Rating of IPX4 is required).

Installers/users notes

Declaration of Conformity



Declaration of Conformity

The infrared taps (electronic taps) listed below, comply with the essential requirements of the following EEC Directives;

2006/95/EC – The Low Voltage Directive

2004/108/EC – The Electromagnetic Compatibility Directive

2011/65/EU - Restriction of Hazardous Substances in Electrical and Electronic Equipment

And is in conformity to the applicable requirements to the following standards;

EN 55014-1:2006+A1:2009+A2:2011 BS EN 55014-1:2006+A2:2011. Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Emission

EN 55014-2:1997+A1:2001+A2:2008. Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Immunity. Product family standard.

EN 61000-3-2:2014. Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions

EN 61000-3-3:2013. Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems

BS EN 60335-1:2012+A11:2014. Household and similar electrical appliances. Safety. General requirements

BS EN 62233:2008. Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure

Model: IR-100/ASC-C/P, IR-100/LIF-C/P, IR-100/PRO-C/P, IR-100/SOH-C/P, IR-100/TE-C/P, IR-100/ZOO-C/P, IR-100/ZOOT-C/P, IR-109/NOT-C/P, IR-109/ZOO-C/P, IR-DSPOUT-C/P, IR-WSPOUT-C/P

Name: Adam Malein
Position: Approvals and Compliance Officer

Vado, Wedmore Road, Cheddar, Somerset, BS27 3EB

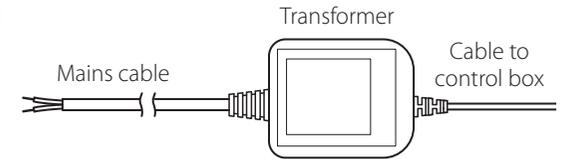
Electrical connection

Mains electrical connection

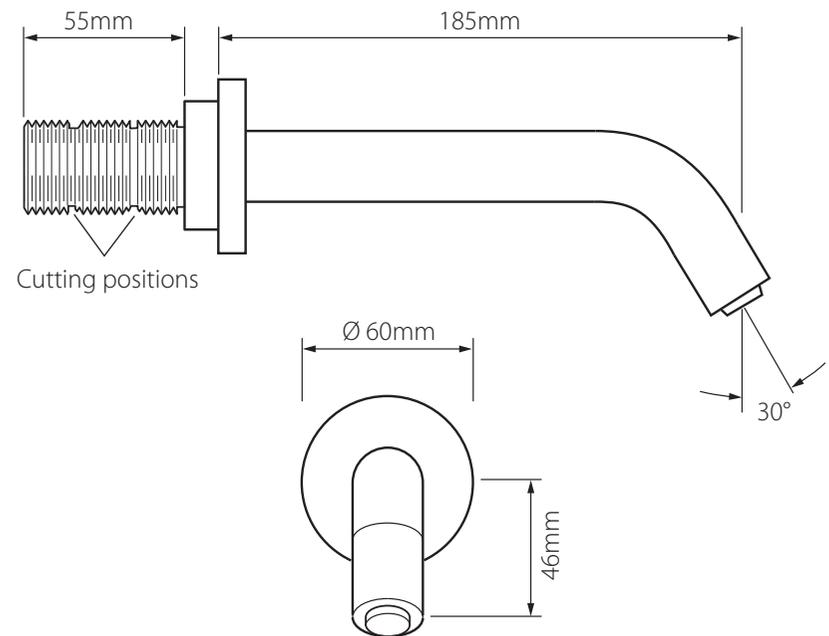
Position the transformer in a suitable dry location and connect to ~230V 50 Hz AC mains supply via a suitable switched fused spur outside of the bathroom or in compliance with BS7671.

The mains cable can be connected to a 3 or 5 amp plug if required using the following connections.

Brown - (L) Live
Blue - (N) Neutral



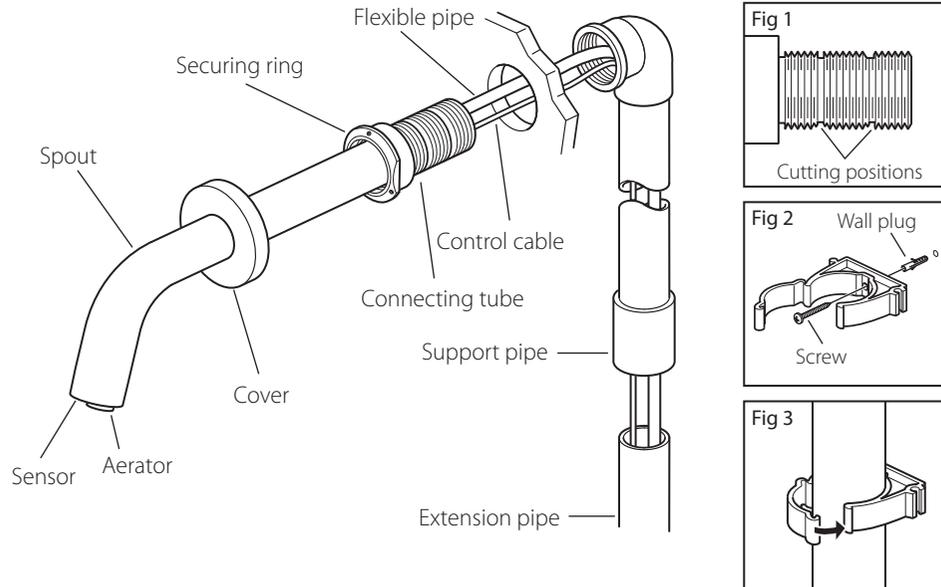
Dimensions



Operating Specifications

Operating Pressure:
Minimum operating pressure 0.5 bar
Maximum operating pressure 5 bar

Tap installation



Tap installation

Note: Please do not install this product opposite or near any reflective surfaces as this may lead to false or permanent activation.

The sensor must be located a minimum 25cm away from the basin.

Warning! Please check for any hidden cables and pipes before drilling holes in the wall.

Please note: the connecting tube can be reduced in length as required by cutting with a hacksaw at one of the cutting positions see **fig 1**.

Caution: If you need to cut the connecting tube be very careful not to cut into the control cable and flexible pipe, remove any burrs from the tube.

Drill a 45mm hole in the required position for the spout.

Push the flexible pipe and control cable through the hole and down through the support pipe. Screw the connecting tube into the support pipe.

Cut the other extension pipe and fit as required. Secure the support pipe and extension pipe in position with the pipe clips. Using suitable screws and wall plugs drill a hole at the correct position insert the wall plug and secure the clip in position with the screw see **fig 2**.

Repeat for the other two clips and secure the pipe in position see **fig 3**.

Slide the cover over the spout to make contact with the wall.

Connect the tap to the 'water out' connection on the bottom of the control box, when installed.

Connect the short extension control cable to the cable coming from the tap, line up the pins with the holes and tighten the knurled ring.

Disposal - please read

Waste electrical and electronic equipment (WEEE)

The wheeled bin symbol means the product is covered by the European Directive 2002/96/EC.

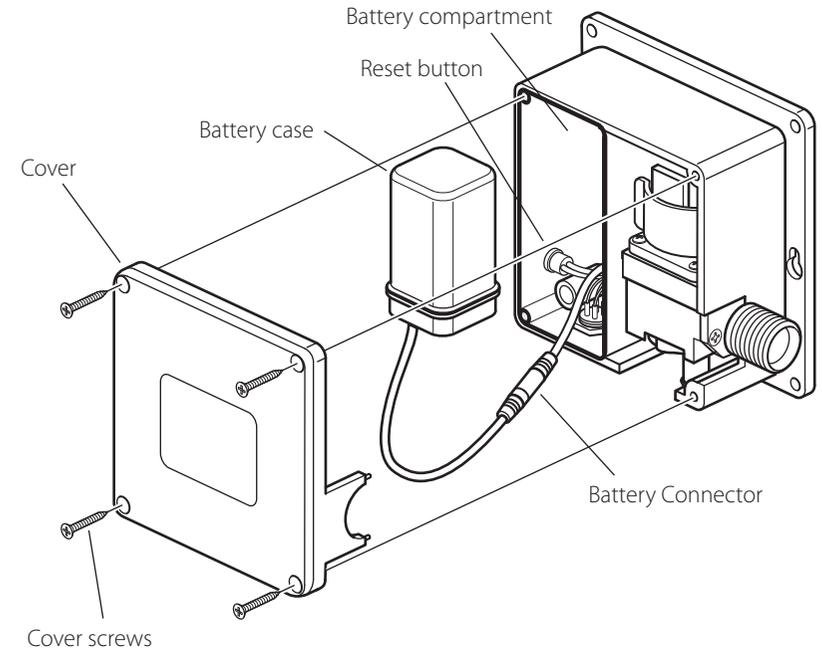
DO NOT dispose of this unit with normal household waste, take to a local authority recycling centre.



Troubleshooting

Description	Cause	Treatment
No water out	The batter is exhausted	Change the battery
	Water supply cut off	Check supply
	Dirt in the filter	Clean the filter
	Water pressure to low	Raise the pressure
Water will not turn off	Dirt on the sensor window	Clean the sensor
Too little water flow	Water supply is turned down	Adjust water supply
	The filter is too dirty	Clean the filter
	Water pressure is too low	Raise the pressure
Too much water flow	Water pressure is too high	Adjust pressure
Short cycles of battery	Incorrect batteries	Change to 4AA Alkaline batteries
The indicator light is not on	The light is broken	Change the light or circuit board
	The circuit board is wet or signal line is wet	Dry out
	The battery is exhausted	Change the battery
	Poor connection of battery	Check battery connections

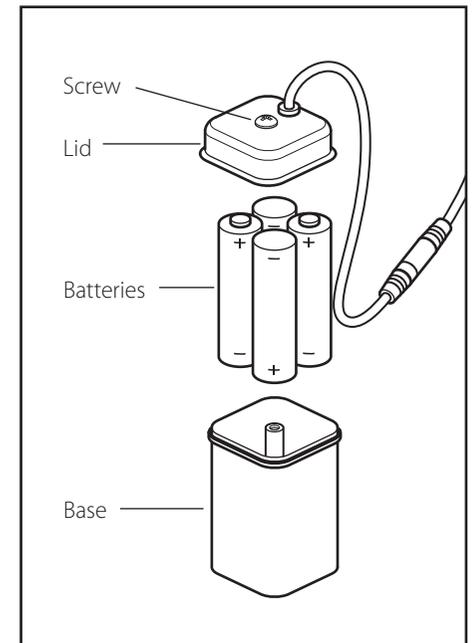
Battery installation and replacement



The unit is supplied with a battery backup, should the mains supply fail and the tap still will not function then the batteries may need replacing. Before installing the control box on the wall fit the supplied batteries as follows.

Remove the 4 screws retaining the cover and pull off, pull out the battery case (see above).

Undo the screw on the top and remove the lid. Insert the 4 batteries according to the diagram in the bottom of the base. Replace the lid making sure that the 2 springs are orientated to match the negative ends of 2 batteries. Place the battery case back into the compartment, fit the cover and replace the 4 screws.



Installation

⚠ Warning! Please check for any hidden cables and pipes before drilling holes in the wall.

Using suitable wall fixings for your wall (fittings supplied are for solid walls). Attach the control box in a suitable position under the basin, ensure the outlet connection is facing downwards and make sure the flexible pipe from the tap will reach. (Fig 1).

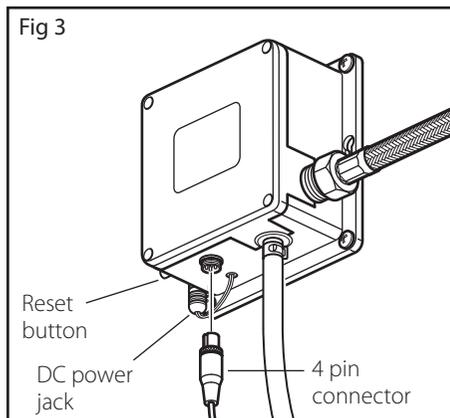
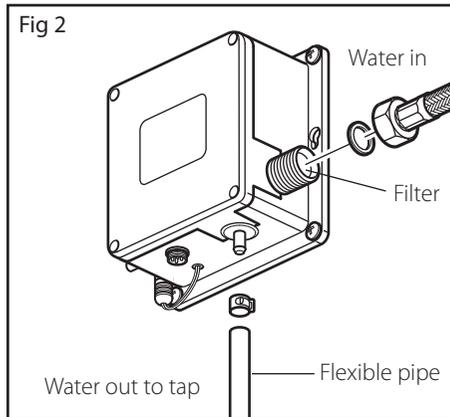
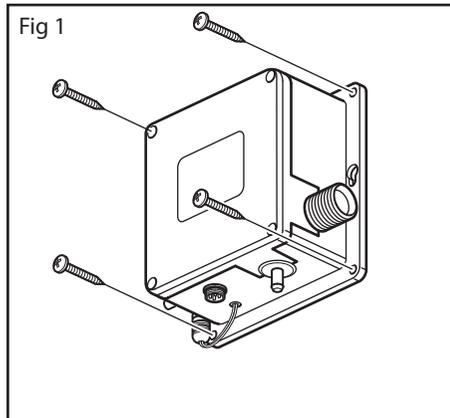
Connect the flexible pipe from the tap. Slide the clamp over the pipe, push the pipe over the connection on the bottom outlet marked 'Outlet'. Squeeze the two tabs on the clamp and slide up to the end of the pipe, release to secure in position.

Connect the water supply (flexible pipe shown) to the side connection marked 'Inlet' (Fig 2).

Line up the groove on the 4 pin connector and push into the plug on the underside of the box, tighten the knurled ring to secure in place. Push the DC power jack coming from the transformer (supplied in box) into the socket on the side of the box (Fig 3). Turn on the water and test.

Commissioning.

At point of commissioning hold down the red Reset button for 3 seconds and wait for 20 seconds before the sensor range can be reset, enabling the sensor to learn the IR distance to the sink (Fig 3).



Please read

This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance.

Cleaning and user maintenance shall not be made by children without supervision.

Detachable hose-sets for the connection of appliances to the water mains shall comply with IEC 61770.

Care of the mixer

Our products are finished to the highest standard and due care needs to be taken to ensure their looks are retained.

We recommend cleaning all products with a soft damp cloth ONLY and advise strongly against the use of ALL cleaning products i.e. powders and liquids.

If the above instructions are not followed this will invalidate your guarantee in the event of a problem occurring.

Maintenance

The inlet connection contains a filter, should you need to clean the filter, remove the inlet connection to the control box. Pull out the filter and clean under running water.

Replace the filter and inlet pipe.