

LEVA 80mm Sequential Shower Mixer

Installation and Maintenance Instructions

LEV80308SQ



technical data

Working Pressure Range	Min 50 kPa Max 500 kPa
Maximum Static Pressure	800 kPa
Maximum Working Temperature	85°C (Ceramic disc)

Enware products are to be installed in accordance with the Plumbing Code of Australia (PCA) and AS/NZS3500. Installations not complying with PCA and AS/NZS 3500 may void the product and performance warranty provisions.

Reference should also be made to the Australasian Health Facility Guidelines (AHFG), ABCB and Local Government regulations when considering the choice of, and the installation of these products.

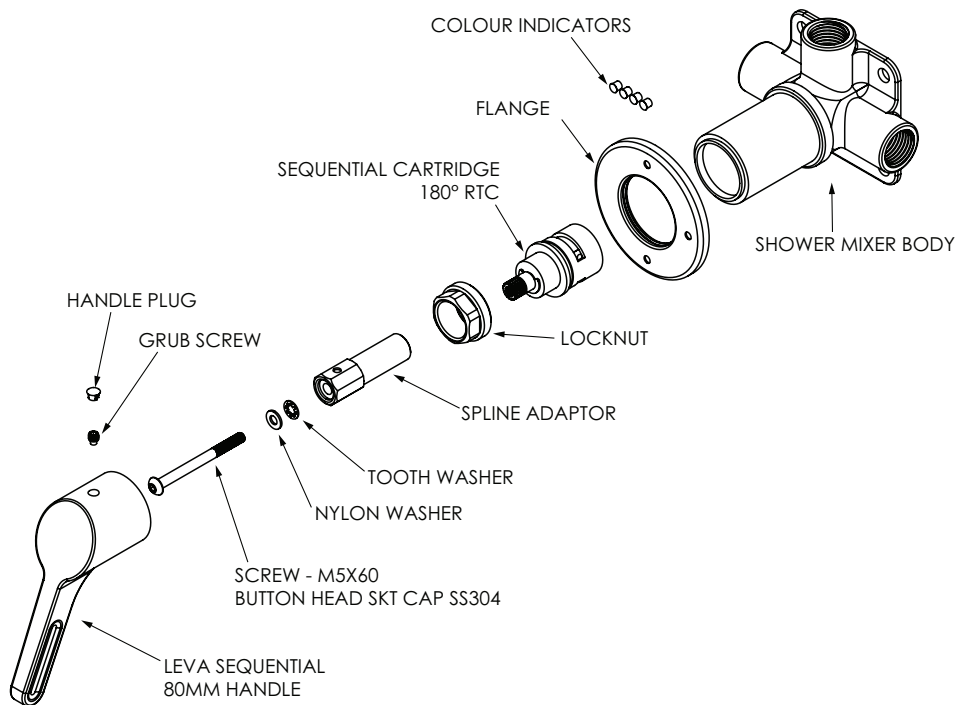
This product must be installed and commissioned by a qualified plumber.

For use with potable water only.

NOTE: Enware Australia advises:

- 1. Due to ongoing Research and Development, specifications may change without notice.
- 2. Component specifications may change on some export models.

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installation

- All supply lines must be flushed thoroughly to remove debris prior to the installation of this product, as per AS/NZS 3500.1. Strainers (40 mesh) are recommended if debris is an ongoing problem.
- A pressure reduction valve may be required to comply with the recommended maximum supply pressure and/or balanced pressure requirements.

ROUGH IN

Determine Location of Shower Mixer

Wall depth: min 50mm – max 75mm from finished wall surface to the back of body.

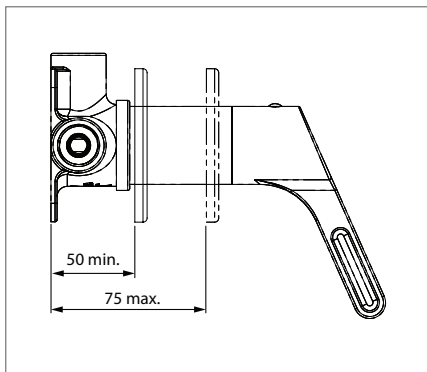
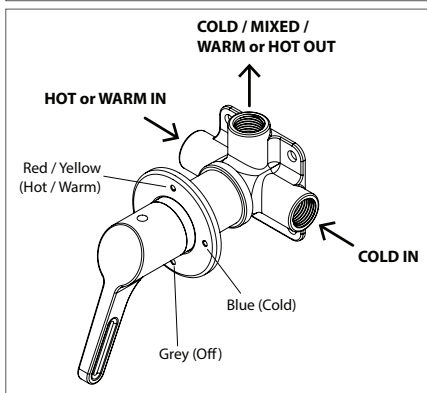
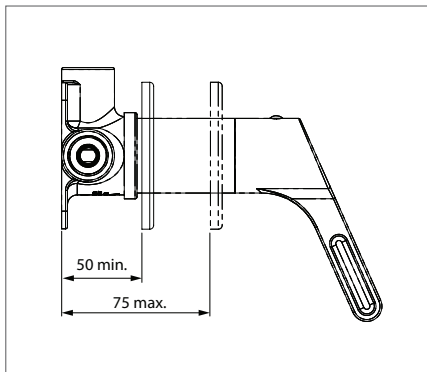
The mixer must be installed in the correct orientation with the 2 inlets in the horizontal plane (hot / warm on left) and outlet facing the top.

Where required, an appropriate backflow prevention device should be installed before a shower hose, according to the cross-connection hazard rating. (E.g. in cases where a shower hose is installed over a bath, the shower outlet is installed at a low height, or a shower hose is long enough to reach the floor, bidet or a WC pan.) Refer to AS3500.1 - Section 4.

In-Wall Body Component

1. Ensure plumbing lines are flushed prior to installation as debris in cartridge will void warranty.
2. Secure the Shower Mixer Body to the internal cavity within the wall. The Shower Mixer Body can be fixed to a masonry wall or wall frame using screws suitable for the fixing method. (Fixing screws not supplied.)

When mounting Shower Mixer Body on the wall, take note of the minimum and maximum wall thickness and the dimensions shown so that the nogging or recess is correctly positioned and takes into account the thickness of the finished wall.

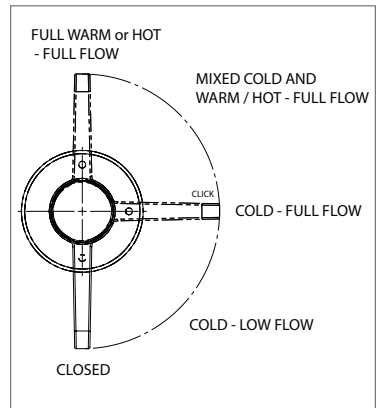


3. Purge hot and cold water lines, and connect water supply pipework to the hot and cold inlets. Connect the shower outlet to the riser leading to shower rose / outlet.

NOTE: The mixer body has 'H' and 'C' markings to indicate the appropriate supply required to each side of the mixer.

WARNING: Heat must NOT be applied to the inlets and outlet of the mixer as this will result in damage to the cartridge and void the warranty.

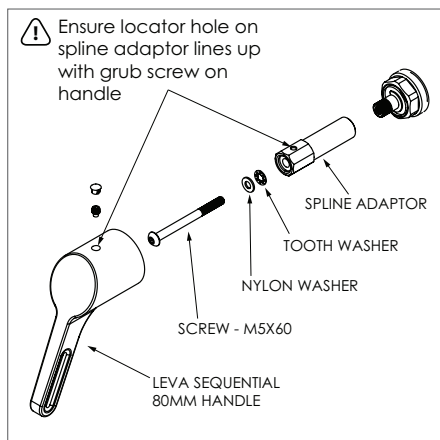
4. Loosely place spline adaptor and handle on spline of mixer cartridge.
5. Turn on Hot and Cold water supplies and test for leaks within the pipework connection.
6. Test operation of the tap. Turn mixer handle and test functionality of the system. If there is any problem see Troubleshooting Section following or contact Enware.
7. Take handle off the mixer, and keep handle and flange components in a secure place until fit off.



FIT OFF - FLANGE AND HANDLE

1. After waterproofing and bathroom finishing trades are complete, operate the mixer to ensure system is still functional.
2. Seal any gaps between the wall cut-out and the Shower Mixer Body, with appropriate silicone sealant.
3. Insert colour indicators into Flange, with Red or Yellow on top, Blue on the right, and Grey at the bottom.
4. Apply a bead of silicone sealant on the back of Flange so it can seal against the wall. Fit Flange over the mixer and push firmly against the wall.

5. Place spline adaptor and handle onto the cartridge spline so that the handle is facing down. Check that the locator hole on the spline adaptor lines up with the position of the grub screw on the handle.
6. Operate the mixer, ensure the handle points in the correct orientation and that it aligns with the red/yellow, blue and grey markings on the flange.
7. Fix the Spline Adaptor in place using the Tooth Washer, Nylon Washer and S/S Screw.
8. Fit handle on and secure in place by tightening the grub screw with a 2.5mm Allen Key. Fit handle plug onto handle.



operation

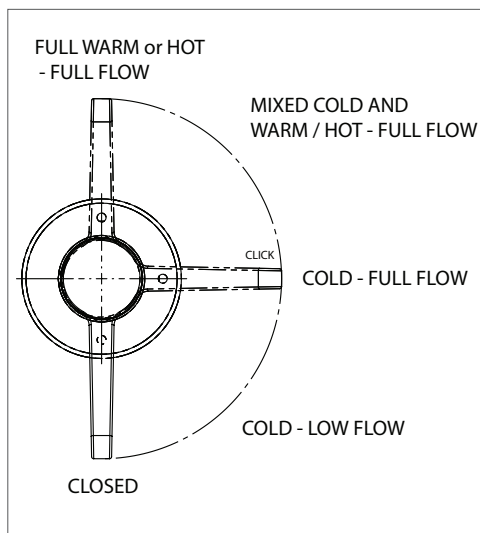
The sequential lever turns progressively from “OFF” to “COLD” to “WARM” or “HOT”.

Starting from OFF position (handle lever pointing straight down),

To operate the tap, turn the lever anticlockwise. The flow volume gradually increases. At COLD position, cold water is at its full flow.

Turning the lever further past COLD, the flow rate stays at maximum but now the water is mixed with more hot or warm water.

At “WARM” or “HOT” position (handle pointing straight up), it is at full temperature and flow supplied to the hot inlet of the mixer, and is no longer mixed with cold water.



maintenance

CLEANING

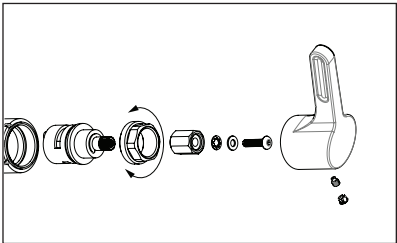
Enware products should be cleaned with a soft damp cloth using only mild liquid detergent or soap and water. Do not use cleaning agents containing a corrosive acid, scouring agent or solvent chemicals. Do not use cream cleaners, as they are abrasive. Use of unsuitable cleaning agents may damage the surface. Any damage caused in this way will not be covered by warranty.

TAP HANDLES

Occasionally the handle screws should be checked for tightness and a visual inspection made of all other connections on the tap assembly. Ensure that the tap handles are secure, and tighten if necessary.

SEQUENTIAL MIXER CARTRIDGE




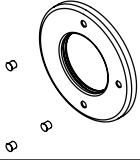

To replace mixer cartridge, unscrew cartridge retaining nut. Pull cartridge out and replace with new component. Fit cartridge retaining nut back on and tighten, but do not overtighten. (Recommended - 20Nm)



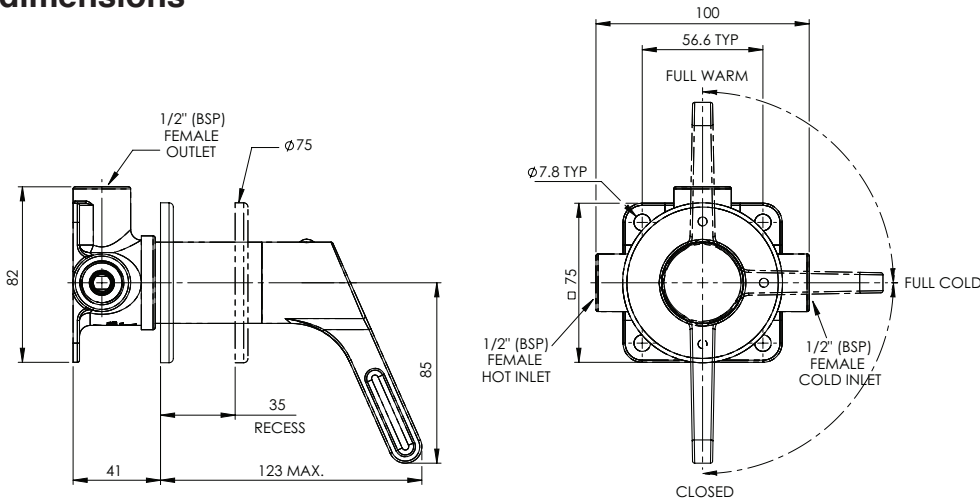
troubleshooting

PROBLEM	CAUSE	RECTIFICATION
Tap is dripping water	Debris is caught inside cartridge / Cartridge is worn or damaged / Pressure too high	Remove and flush Cartridge, inspect and remove any debris. Replace Cartridge if damaged. Install pressure reduction valve, ensure it is under 500 kPa
Water is leaking from spindle	Seal in Cartridge is worn or damaged / Pressure too high	Replace Cartridge Install pressure reduction valve, ensure it is under 500 kPa
Water is not flowing from tap	Water turned off	Turn water on

spare parts

PART		ENWARE PRODUCT CODE
Handle Assembly 80mm		LEV80378SQ
Sequential Cartridge Kit 180° RTC		LEVSQSBA-180
Grub Screw M5 Dog Point (Pack of 4)		FS734
Shower Wall Flange (Dress Ring)		LEVSQSHFLAN
Colour Indicator Pack (1x Yellow, 1x Grey, 1x Blue, 1x Red)		LEVSQIND

dimensions



All measurements are in millimetres.

product warranty statement - WATTS AUSTRALIA

EFFECTIVE FROM 20 November 2023

This Warranty Statement applies to products supplied by Australian Valve Group Pty Ltd (ACN 068 227 270) (**AVG**) or Enware Pty Ltd (ACN 662 302 767) (**Enware**) (each of AVG and Enware, a Supplier) and installed within Australia.

Subject to the terms and conditions outlined in this Warranty Statement, each Supplier warrants to its customers that a product supplied by it (**Product**) will be free from all defects in material and workmanship under normal usage for the applicable Warranty Period (as set out in the Warranty Table below). The Warranty Period commences from the date of delivery of the relevant Product.

1. Conditions

The warranty provided under this Warranty Statement will not apply in respect of a Product (or any Product defect, fault or resulting damage) if:

- (a) the Product is not installed and maintained in accordance with the requirements of the applicable laws, standards and codes (including, without limitation to, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500);
- (b) the Product is not installed and maintained by a qualified technician in accordance with the relevant installation and operation manual and instructions; and
- (c) any Product defect, faulty or resulting damage arises from:
 - (i) failure by you or any other person to follow the relevant manual or instructions (relating to the handling, storage, installation, fitting, connection, adjustment, maintenance or repair of the Product) published or provided by the Supplier;
 - (ii) failure by you or any other person responsible for the fitting, installation, or other work on the Product to follow or conform to applicable laws, standards and codes (including, without limitation to, the AS/NZ 3500 set of Standards, all applicable State and Territory Plumbing Codes, the Plumbing Code of Australia and directions and requirements of local and other statutory authorities);
 - (iii) any parts or components not manufactured by the Supplier (or otherwise not authorised by the Supplier) are installed or combined with the Product, without the prior authorisation of the Supplier; or
 - (iv) any act or circumstance beyond our control including, without limitation to, accident, abnormal use, vandalism, fouling caused by foreign material, damage from adverse water conditions, chemical, acts of God, damage to buildings, other structures and infrastructure and loss or damage during transit or transportation of the Product, or any abuse, misuse, misapplication, improper installation or connection, or improper maintenance or alteration of the Product.

2. Make a claim

To make a claim under this Warranty Statement, you must notify the relevant Supplier in writing within 7 days of any alleged defect in the Product coming to your attention and provide the Supplier with proof of your purchase of the Product to the relevant Supplier:

- (a) If the Product is supplied by **AVG**, please contact AVG by telephone at 1800 284 287, or by email via its online portal <https://www.wattsau.com.au/support>.
- (b) If the Product is supplied by **Enware**, please complete the Product Service Request form (ENF091), which is available on request from our office (see contact details below), or online via <https://www.enware.com.au/warranty-service-form/>. All notifications and accompanying forms must be sent to Enware marked for the attention of Enware, 9 Endeavour Road, Caringbah NSW 2229. Enware can also be contacted by telephone (1300 369 273) or by email (info@enware.com.au).

On receipt of a notification from you of a claim under this Warranty Statement, the relevant Supplier may contact you requesting you provide reasonably additional evidence, information or details about your claim, or requiring that the relevant Product should be returned to the Supplier (in accordance with the Supplier's instructions) for inspection and testing.

Your failure to comply with any such request within a reasonable amount of time may result in your claim under this Warranty Statement being rejected.

3. Our responsibilities

(a) In the event that the Supplier is reasonably satisfied that there is a defect in the relevant Product within the applicable Warranty Period, the Supplier will, at its option, replace the Product, supply an equivalent product or repair the Product, free of charge. Your costs in making a warranty claim under this Warranty Statement, including any costs in relation to freight, collection, delivery and installation, are to be borne and paid by you. However, if in respect of a Product, it is indicated in the Warranty Table that labour support will be provided, and the Supplier is reasonably satisfied that a defect in the Product takes place during the period that labour support will be provided as indicated in the Warranty Table, the Supplier will bear the costs for delivery, repair and installation of the replacement Product (as applicable).

(b) TO THE EXTENT PERMITTED BY LAW AND SUBJECT TO PARAGRAPH 4 BELOW AND THE OPERATION OF THE AUSTRALIAN CONSUMER LAW:

- (i) THE WARRANTY SET OUT IN THIS WARRANTY STATEMENT IS GIVEN EXPRESSLY AND IS THE ONLY WARRANTY GIVEN BY THE SUPPLIER WITH RESPECT TO THE RELEVANT PRODUCT;
- (ii) THE SUPPLIER MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED;
- (iii) THE SUPPLIER HEREBY SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE; AND
- (iv) THE REMEDY DESCRIBED IN THIS WARRANTY STATEMENT SHALL CONSTITUTE THE SOLE AND EXCLUSIVE REMEDY FOR BREACH OF WARRANTY, AND THE SUPPLIER SHALL NOT BE RESPONSIBLE FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR LOST PROFITS OR THE COST OF REPAIRING OR REPLACING OTHER PROPERTY WHICH IS DAMAGED IF THE PRODUCT DOES NOT WORK PROPERLY.

4. Australian Consumer Law

This paragraph 4 applies if you are a 'Consumer' (as defined in section 3 of the Australian Consumer Law (**ACL**)) and the Product or services supplied to you falls within the goods or services which, for the purposes of the ACL, are of a kind ordinarily acquired for personal, domestic or household use or consumption.

The Products and services provided by the Supplier come with guarantees that cannot be excluded under the ACL, and noting in this Warranty Statement should be interpreted as attempting to exclude, restrict or modify such guarantees or your rights under the ACL. For major failures with any services, you are entitled:

- (c) to cancel your service contract with us; and
- (d) to a refund for the unused portion, or to compensation for its reduced value.

You are also entitled to choose a refund or replacement for major failures with Products. If a failure with the Product or a service does not amount to a major failure, you are entitled to have the failure rectified in a reasonable time. If this is not done you are entitled to a refund for the Products and to cancel the contract for the service and obtain a refund of any unused portion. You are also entitled to be compensated for any other reasonably foreseeable loss or damage from a failure in the Products or service*.

5. Warranty table

*the applicable period commences on the date of delivery of the Product.

PRODUCT GROUP	PRODUCT SERIES CODES	WARRANTY PERIOD (YEARS)*	LABOUR SUPPORT (YEARS)*
General Tapware, Spouts & Outlets- Chrome Plated	LEVSQ	10	2