

Leva 150mm Type 51 Wall Mounted Adjustable Mixing Set - Ceramic Disc

Installation and Maintenance Instructions

LEV150422

LEV150422X



technical data

Working Pressure Range	Min 50 kPa Max 500 kPa
Maximum Static Pressure	800 kPa
Maximum Working Temperature	85°C (Ceramic disc)
Inlet Connection	1/2" BSP
Flow Rate	5 L/min (WELS 5 Star) 4 L/min (WELS 6 Star)

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 is compliant with the Lead Free requirements of NCC Volume Three.

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

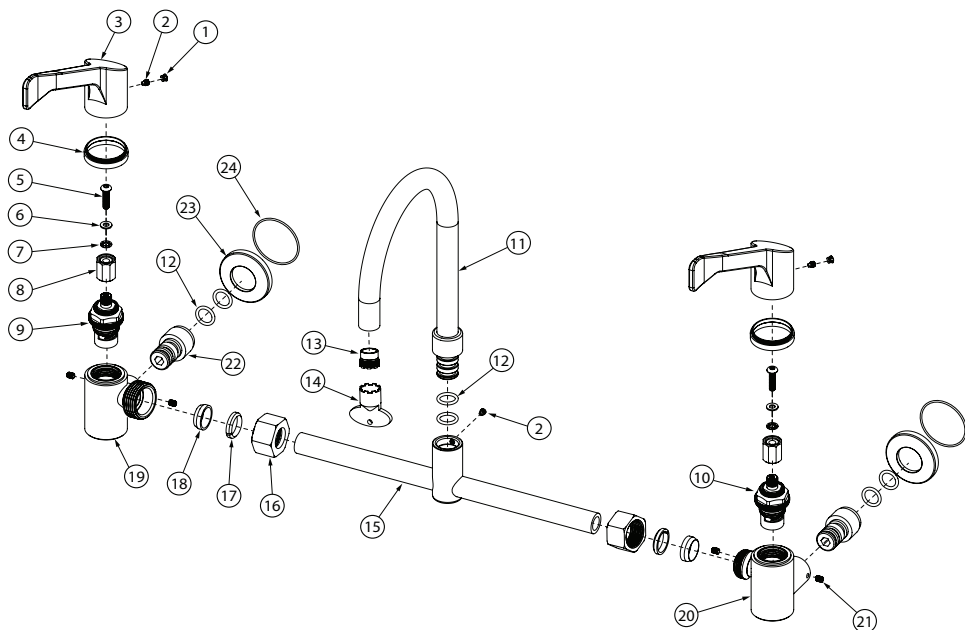
For use with potable water only.

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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Rev. A.2



- | | | | |
|----|--|----|----------------------------|
| 1 | Handle plug | 14 | Aerator key Cache TT |
| 2 | Grub screw M5 | 15 | Breeching piece |
| 3 | Lever handle 150mm | 16 | Nut - Kinco |
| 4 | Colour indicator ring
(red/ yellow/ blue) | 17 | Brass compression ring |
| 5 | Screw M5x20 | 18 | Copper compression
cone |
| 6 | Washer (Nylon) | 19 | T51 left body |
| 7 | Tooth washer M5 | 20 | T51 right body |
| 8 | Spline adaptor | 21 | Grub screw M5x6 |
| 9 | SBA spindle hot | 22 | Wall mount |
| 10 | SBA spindle cold | 23 | Dress ring |
| 11 | Sink spout | 24 | O-ring BS030 |
| 12 | O-ring BS113 | | |
| 13 | Aerator Laminar 5lpm
Cache TT | | |

installation

- All supply lines must be flushed thoroughly to remove debris prior to the installation of this product. 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.

INSTALLATION

1. Prepare 1/2" BSP male thread inlet points on wall - hot water supply on left, cold on the right. Allow for 20mm of thread protruding from finished wall, with the centres in the range 150 - 330mm. **SEE IMAGE 01**
2. Take 4 grub screws [21] out of the right and left bodies [19, 20] and pull wall connectors [22] off the bodies.
3. Apply thread sealant to the inlet thread connections on wall.
4. Fit O-ring [24] on dress ring [23] and fit onto the inlet thread on wall.
5. Screw wall connector onto the thread and tighten using 8mm Allen key through the centre of the wall connector. **SEE IMAGE 02**

6. Measure the centres of water inlet points on wall, subtract 25mm from each end and mark this on each end of the breeching piece [15]. Cut the breeching piece to the required length using tube cutters or similar hand tool.

SEE IMAGE 03

Fit Kinco nut [16], brass compression ring [17], and copper compression cone [18] (tapered end facing outwards) to each end of breeching piece [15] and assemble left and right bodies [19, 20] to breeching piece. Leave the Kinco nuts fitted but loose.

7. Check that the wall connectors [22] have two O-rings on the spigot fitting on each side, and that they are lightly greased with food grade O-ring grease. Fit the frame onto the wall connectors, by gently but firmly pushing the frame, making sure the O-rings are not pinched, dislocated or damaged in the process. **SEE IMAGE 03**
8. Once the frame has fully engaged, fit the 4 grub screws [21] into the frame at the connection, and tighten each grub screw evenly with 2.5mm Allen key. **SEE IMAGE 03**
9. Check that the spout [11] has two O-rings on the spigot, and that they are lightly greased with food grade O-ring grease. Take grub screw [2] for the spout out of the frame. Fit the spout onto frame, by pushing the spout gently but firmly into the frame. When the spout is fully engaged, fix it in place with the grub screw. **SEE IMAGE 04**
10. Tighten Kinco [16] nuts evenly with a spanner, while ensuring the spout sits in the upright position.

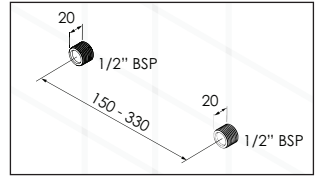


IMAGE 01

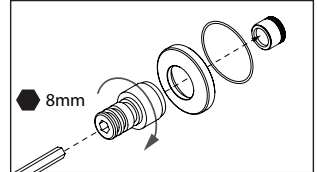


IMAGE 02

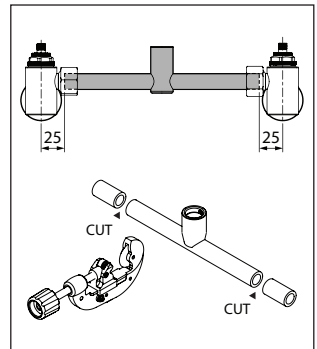


IMAGE 03

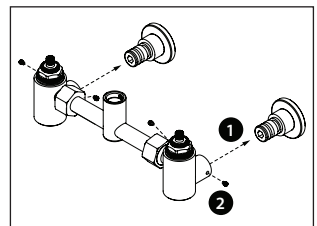


IMAGE 03

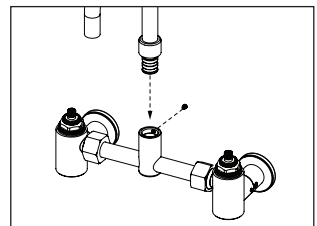


IMAGE 04

11. Fit spline adaptor [8] onto spindle. Fit tooth washer [7] and washer [6], and fix in place using screw [5].

SEE IMAGE 06

12. Fit colour indicator ring [4] onto lever handle [3]. To do this, place an indicator ring on flat surface with the rebated edge facing up. Press the lever handle down onto the indicator ring evenly until it clips into place. **SEE IMAGE 08-1**

If an indicator ring needs to be removed, place lever handle on a flat surface and apply pressure to the side of the indicator ring, until the ring pops off.

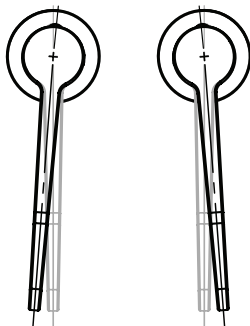
13. Fit lever handle onto spindle. Note the orientation of the tap handle. **SEE IMAGE 07**

If the lever handles do not line up straight:

- Change the position the spline adaptor [8] on the SBA spindle [9,10] in step 8.
- Adjust position of SBA spindle by taking off SBA locknut, and tightening or loosening SBA spindle using a spanner on the hex of the spindle. **SEE IMAGE 09**
Note: Do not adjust position of SBA using handle. Do not over-tighten SBA spindle. (Max. torque 18Nm.)

Re-fit locknut and tighten with a spanner. (Max. torque 30Nm). Fit handle parts back on.

- If lever handles do not line up parallel in the straight position, it is recommended to offset them away from the centre.



14. Fix lever handle in place with grub screw [2], then fit handle plug [1]. **SEE IMAGE 08-3**

15. Turn on water supply and test operation.

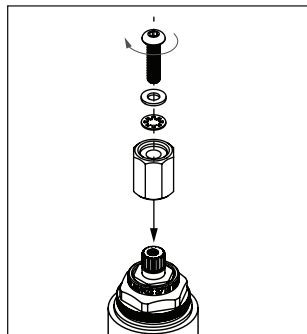


IMAGE 06

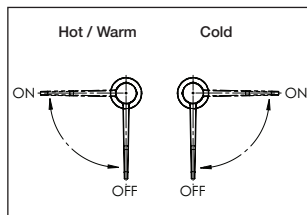


IMAGE 07

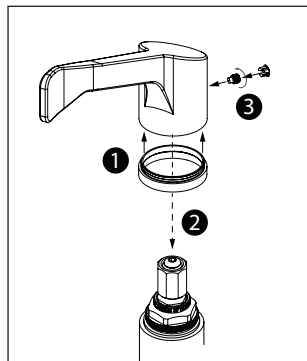


IMAGE 08

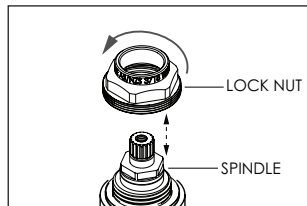
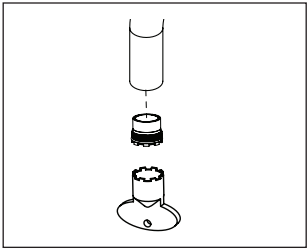


IMAGE 09

maintenance

CLEAN AERATOR

Clean aerator [24] periodically.
Unscrew the aerator using aerator key [25], and rinse it under running water.



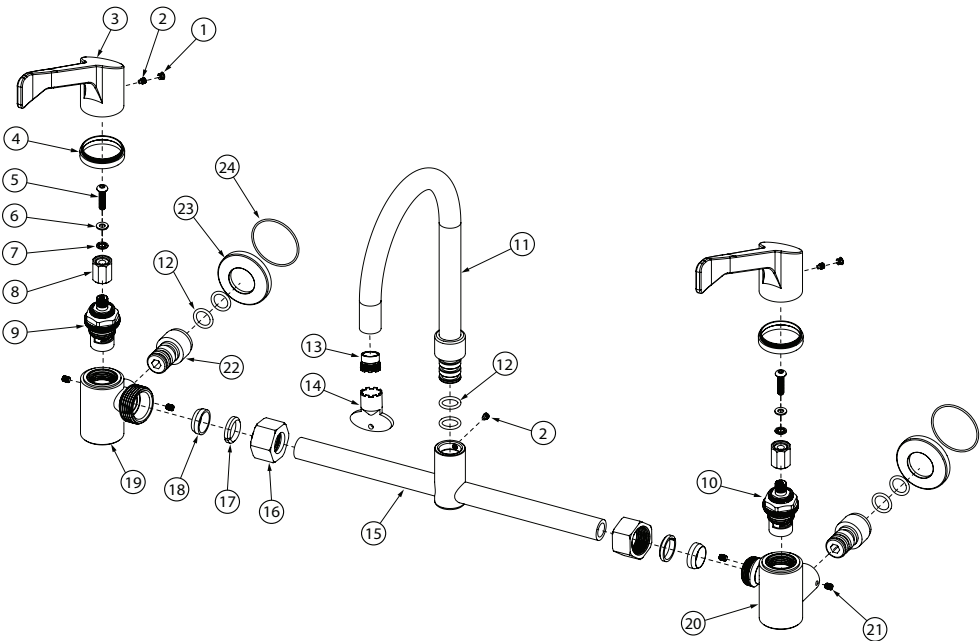
CLEANING

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.

troubleshooting

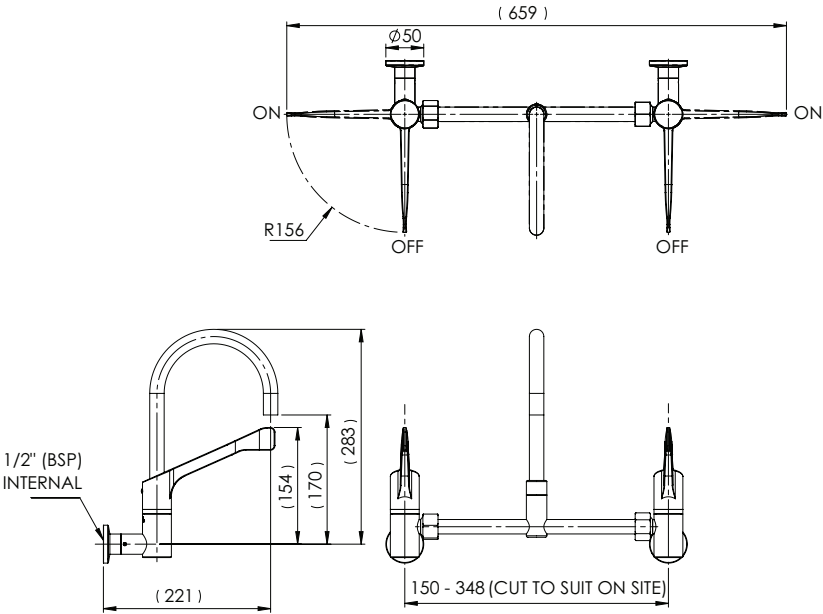
PROBLEM	CAUSE	RECTIFICATION
Water leaking from outlet Water dripping and does not shut off	SBA spindle has debris caught in the mechanism.	Remove SBA and inspect. Remove debris and/or replace SBA if damaged. Install an inline strainer.
	Tap seat is damaged	Refurbish tap seat using a reseating tool. If necessary, fit reseating kit or replace tap body.
	SBA ceramic discs are worn or damaged	Replace SBA.
Water is leaking from spindle	O-ring on SBA is worn or damaged	Replace SBA.
Water is not flowing from tap	Water turned off.	Turn water on.
Poor water flow from outlet	Aerator / Flow control is blocked by debris.	Remove aerator from spout and clean debris. Install an inline strainer.
Handle does not align perfectly straight	Adjust position of spline adaptor or SBA. (See Installation - Step 13.) Due to handles being spline mounted, handles may be offset slightly from vertical or straight. This is normal and unavoidable.	

spare parts



DESCRIPTION	PART CODE
Lever handle 150mm Parts: [1] [2] [3] [4] [5] [6] [7] [8]	LEV150378NE
Colour indicators, O-rings kit Parts: [4-red,yellow,blue] [14] [24 x2]	LEV398
SBA cold - RTC (Clockwise to close) Parts: [5] [6] [7] [10]	WLCS380RTC
SBA hot - LTC (Anti-clockwise to close) Parts: [5] [6] [7] [9]	WLCS380LTC
Spline adaptor Parts: [8]	LEVSQHEX
Aerator laminar insert with key - 5 L/min Cache TT Parts: [13] [14]	SPC50LF
Aerator laminar insert with key - 3.8 L/min Cache TT Parts: [13] [14]	SPC38AF
Sink spout Parts: [11] [12 x2] [13] [14] [2] [23] [24]	SPC120
Grub screws, O-rings kit Parts: [2 x4] [12 x8]	FS734
Grub screw M5x6 Parts: [21]	672630

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	WLC	10	2