

ENWARE-DELABIE TIME FLOW SPORTING SHOWER MODULE

Installation & Maintenance Instructions

TFC714700



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technical data

** As the product is a single inlet – single outlet valve, it is necessary that water temperature and flow are pre-set to the unit. It is recommended that an Aquablend Thermostatic Mixing valve is used to provide pre-mixed water to the valve.

^ Times are indicative only and may vary depending on the water supply pressure and flow conditions.

Inlet Connection	15mm (1/2" BSP) Male
Working Pressure Range	150-500 kPa
Recommended Pressure for Optimum Performance	250-350 kPa
Maximum Testing Pressure	1000 kPa
Maximum Water Temperature	60°C**
Recommended Maximum Water Temperature	41°C**
Operating Force	22N @ 300 kPa
Flow Time	30 seconds +5 /-10 ^
Flow Rate	6 Lpm (Adjustable)
Finish	Anodized Aluminium / Satin Chrome

compliance

Enware products are to be installed in accordance with the Plumbing Code of Australia (PCA), AS/NZS3500 and the manufacturer's instructions.

Installations not complying with PCA, AS/NZS 3500 or the manufacturer's instructions may void the product and performance warranty provisions.

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

please note

Enware Australia advises due to ongoing Research and Development, specifications may change without notice.

Component specifications may change on some export models.

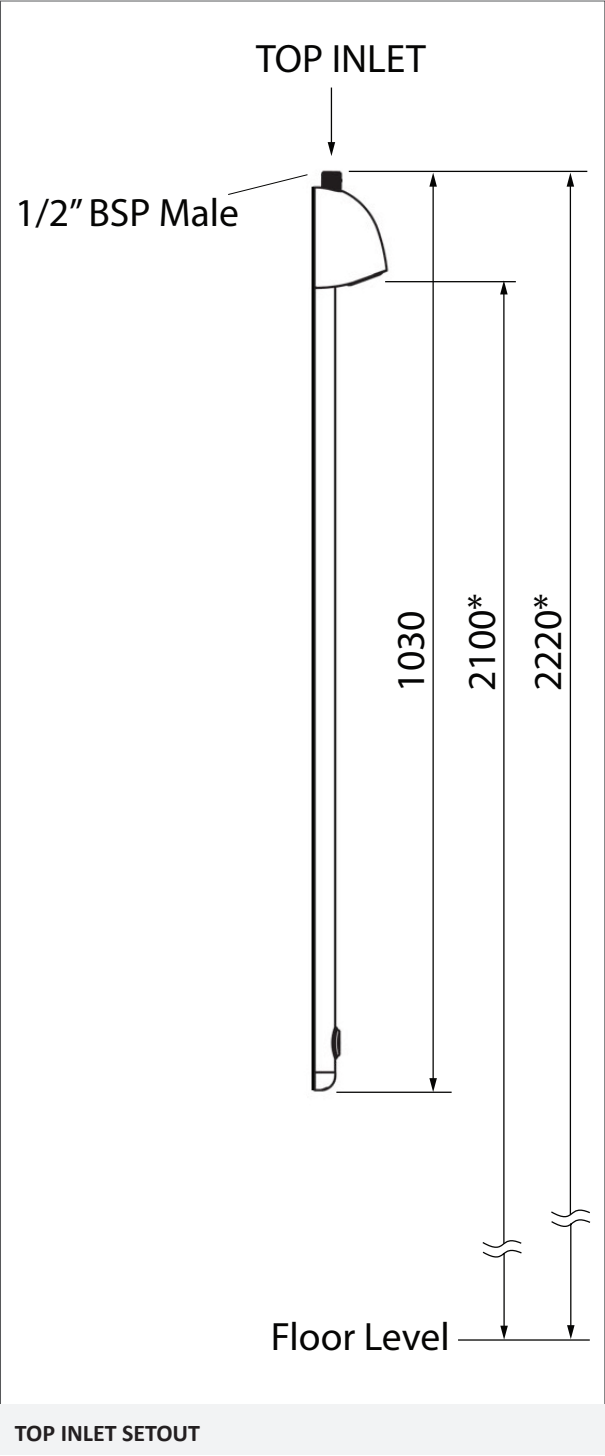
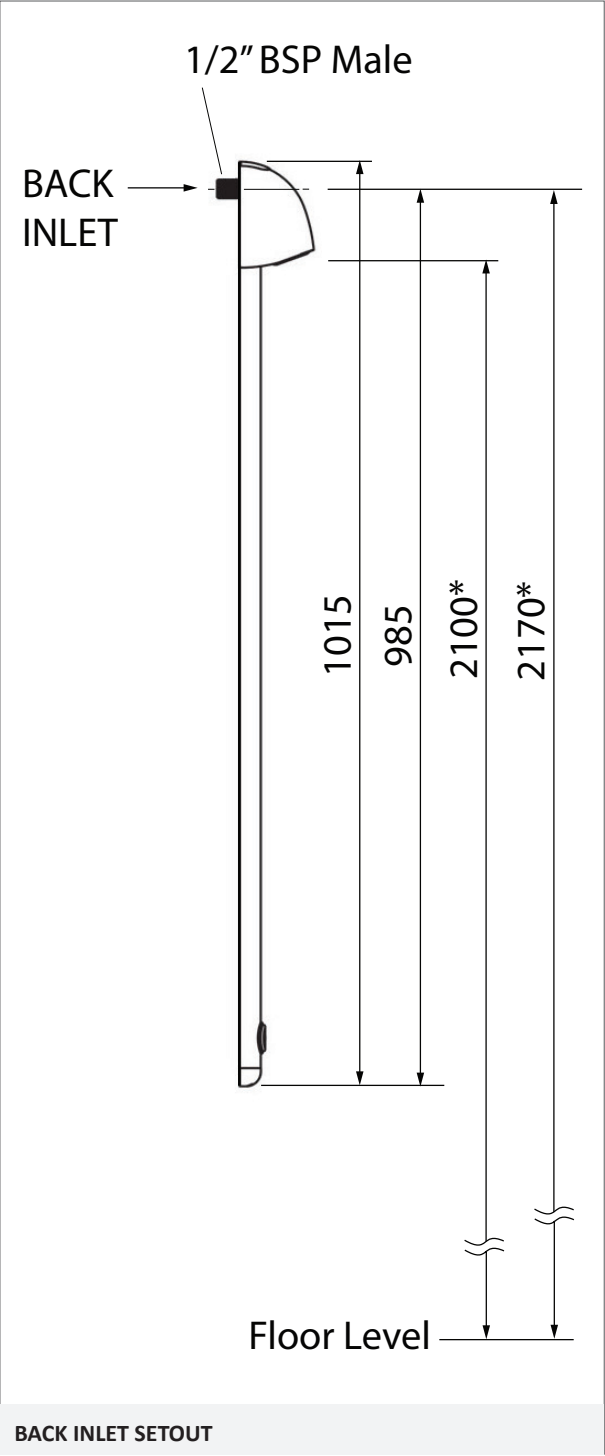
before installation

Before Proceeding With Installation

- Ensure all operating and dimensional specifications are suitable for the intended installation.
- Ensure all supply lines are 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 balanced pressure requirements.

As the product is a single inlet – single outlet valve, it is necessary that water temperature and flow are pre-set to the unit. It is recommended that an Aquablend Thermostatic Mixing valve is used to provide pre-mixed water to the valve..

DIMENSIONS



*Recommended shower installation height

INSTALLATION PROCEDURE

SPORTING SHOWER PANEL WITH TOP INLET

1. Position the panel so that the shower nozzle is 2.10m from the floor. (See Dimensions on Page 2)
2. Using the removal tool [31] (supplied) or a pair of circlip pliers, unscrew the outer locking ring [3] and remove the top cover [7] **IMAGE 1**
3. From the bottom of the shower, unscrew the two screws [4] using a Phillips head screwdriver and remove the end-cap [2] **IMAGE 1**
4. Mark and drill the four holes for panel fixing near top and bottom of the panel frame [at 6 and 6']
5. Fix the panel in place using the four screws supplied (Use wall plugs that are suitable for the wall material.)
6. Install the filter [8] and connect to the mixed water supply. A thermostatic mixing valve is recommended to be installed upstream of the water supply.
7. Using a 3mm Allen key check that the stopcock [32] is fully open (anti-clockwise) **IMAGE 3**
8. Turn on water supply and check for leaks
9. Replace the top cover and tighten up the outlet locking ring using the removal tool
10. Replace the end cap and tighten the two screws

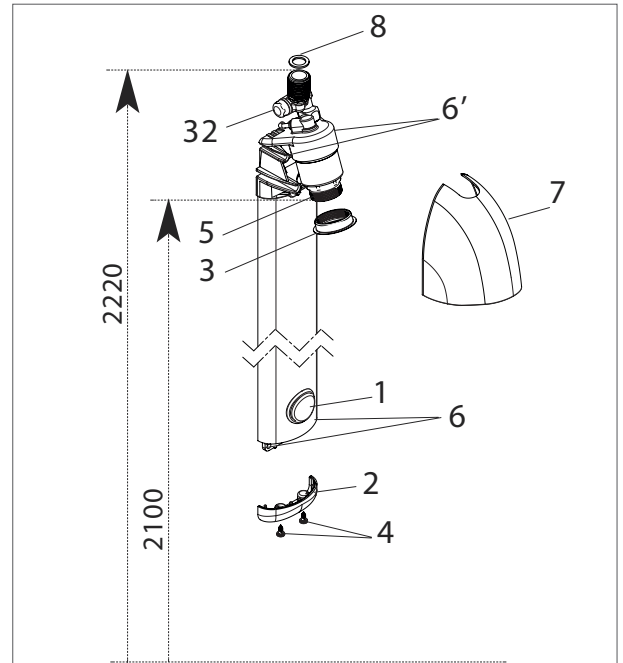


IMAGE 1

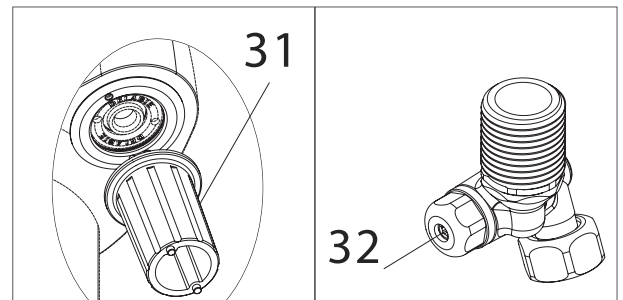


IMAGE 2

IMAGE 3

SPORTING SHOWER PANEL WITH BACK INLET

ROUGH-IN

11. Position the panel so that the shower nozzle [5] is 2.10m from the floor (or the water supply is 2.17m above the ground) (See dimensions on page 2)
12. A thermostatic mixing valve is recommended to be installed upstream for the water supply
13. Supply a 1/2" BSP Female fitting in wall. Length of male threaded screw [37] **IMAGE 4** is approx. 23mm deep from finished wall

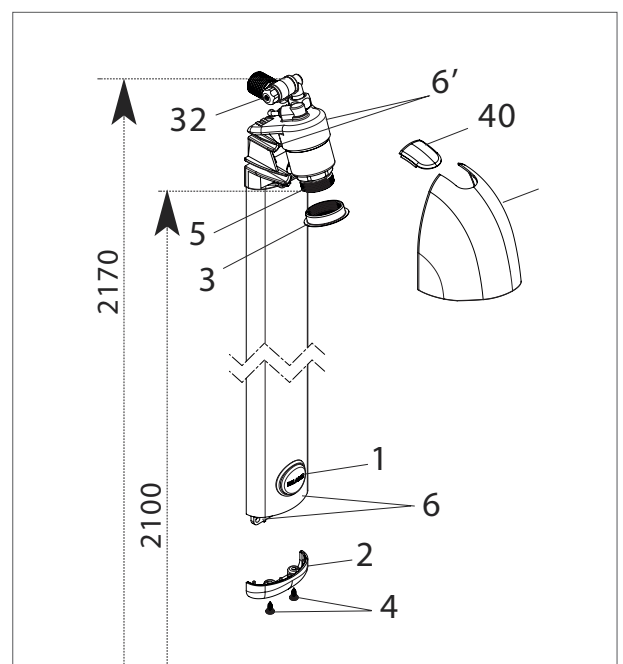


IMAGE 4

FIT OFF

14. Using the removal tool [31] (supplied) or a pair of circlip pliers, unscrew the outlet locking ring [3] and remove the top cover [7]
SEE IMAGE 2 & 3 on page 4
15. Remove the inlet assembly [33] by unscrewing nut [34] using a 19mm spanner (not supplied) **IMAGE 3** on previous page. Do not lose the washer [36]
16. Close the stopcock [32] (clockwise) using a 3mm Allen key. **IMAGE 3** on page 4
17. Fully unscrew hinge nut [35] with a 14mm spanner (not supplied) **IMAGE 5**
18. Turn the threaded screw [37] around and screw hinge nut [35] back up **IMAGE 5** (Note: If the threaded screw is not turned around the blank cap on top cover will not fit in Step 16)
19. Connect inlet assembly to the mixed water supply by screwing the 1/2" BSP threaded screw [37] into the wall fitting, making sure that the threaded connection has a waterproof seal. Tighten so that the groove on the inlet assembly [38] is in line with the mounting finished wall surface [39] **IMAGE 6**
20. Using a 3mm Allen key, check that the stopcock [32] is closed (turn clockwise). Turn on the water supply and check the threaded joint for leaks.
IMAGE 3 on page 4
21. From the bottom of the shower, unscrew the two screws [4] using a Phillips screwdriver and remove the end-cap [2] **IMAGE 5**
22. Position the panel, insert sealing washer [36] and tighten the nut back up [34] **IMAGE 3** on page 4
23. Mark and drill the four holes for panel fixing near top and bottom of the panel frame [at 6 and 6'] **IMAGE 5**
24. Fix the panel in place using the four screws supplied. (Use wall plugs that are suitable for the wall material)
25. Turn on water supply and check the threaded joint for leaks
26. Open the stopcock [32] (anti-clockwise) using a 3mm Allen key. **IMAGE 5**
27. Slide the blank cap [40] into the slot on the top cover [7] **IMAGE 5**
28. Replace the top cover and tighten up the outer locking ring using the removal tool
29. Replace the end-cap, tighten the two screws

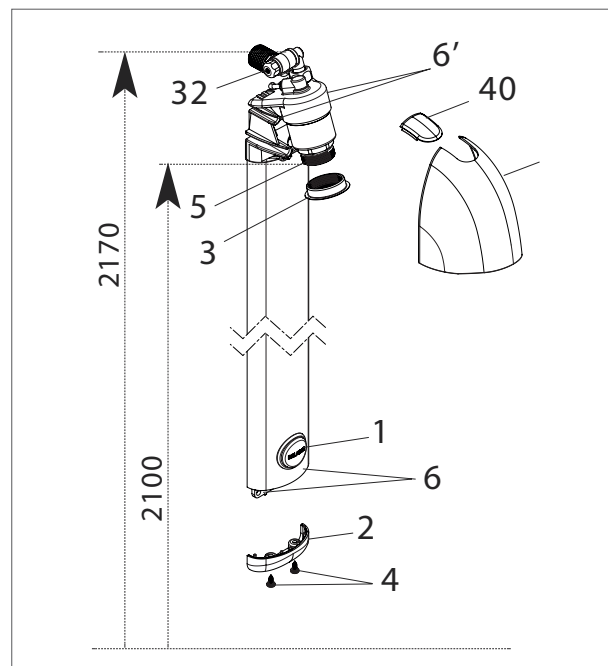


IMAGE 5

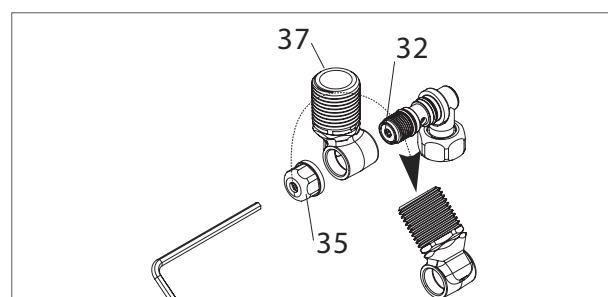


IMAGE 5

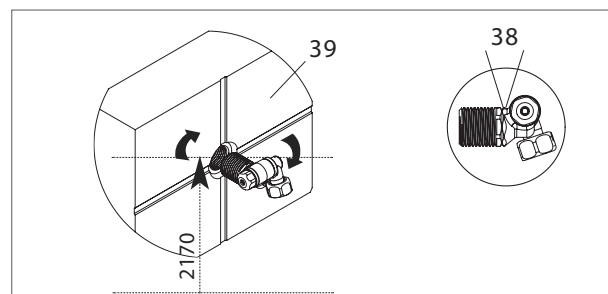


IMAGE 6

COMMISSIONING & OPERATION

COMMISSIONING

Press the starter [1] **IMAGE 1 & 2** repeatedly to purge the air until the automatic shut-off stabilises (~ 30 sec. +5/ -10). The first cycles can last 5-7 minutes. Pressing on the starter [1] releases a jet of water. This causes the shower to open hydraulically. Releasing the starter will stop the jet of water after the set delay time.

OPERATION

1. Press the push-button starter [1] to open the valve **IMAGE 1 & 4**
2. Automatic shut-off after ~30 seconds (+5/-10 – flow time may vary depending on water supply pressure and flow conditions).

SETTINGS

Adjusting Direction of Water Jet from Nozzle

The water jet from the nozzle [5] can be rotated through 20°. Apply pressure with your thumb on the nozzle [5] and adjust to desired position. **IMAGE 7**

Locking the Positon of the Nozzle

The rotational position can be locked in place.

To do this:

1. Remove the nozzle [5] using the removal tool [31] **IMAGE 7**
2. Using a 19mm spanner, carefully tighten the nut
3. Replace the nozzle [5], taking care not to block it

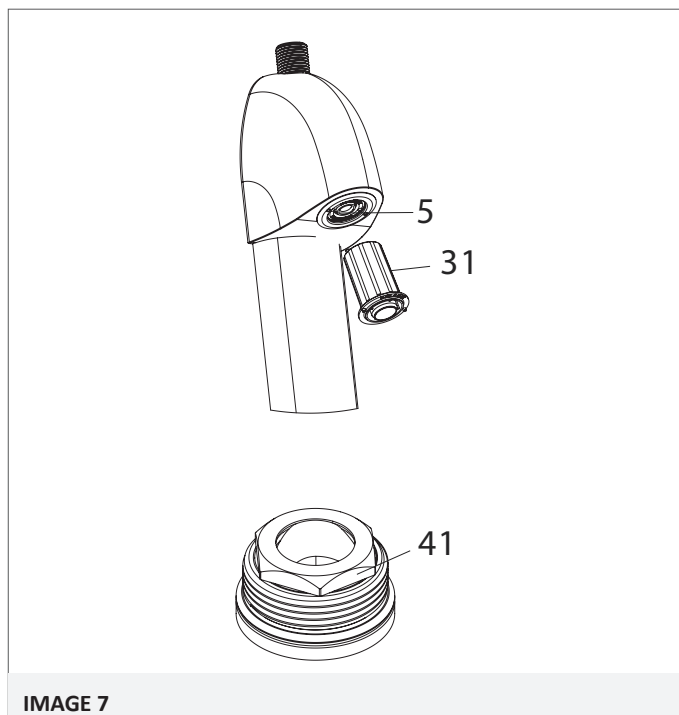


IMAGE 7

TROUBLESHOOTING

PROBLEM	CAUSE	RECTIFICATION
Time flow tap does not shut off Dripping / trickling constantly	Debris fouling cartridge	Clean the cartridge or replace if damaged. See Maintenance section following
Automatic shut-off takes too long. Run time is longer than specified Time flow tap does not shut off	Debris fouling cartridge	Clean the cartridge or replace if damaged. See Maintenance section following

MAINTENANCE

FROST PROTECTION

To protect SPORTING shower from damage due to freezing, it is recommended to remove the shower unit from wall and store it in a frost-free area.

The pipework, stopcocks, mixers and all sanitary ware must be checked regularly, and at least once a year.

DIRT OR ABRASIONS ON THE O-RINGS ON STARTER

Using the removal tool [31], unscrew the outer locking ring [3] and remove the top cover [7]

SEE IMAGE 1 & 3 or 2 & 3 on page 4

1. Turn off the water supply by closing the stopcock [32] (clockwise) **IMAGE 1 & 4** on page 4
2. Unscrew the two screws [4] and remove the end cap [2] **IMAGE 1 & 4** on page 4
3. Remove the starter, partially loosening the holding screw [20] with a screwdriver **IMAGE 8**
4. Remove the ring using a flat screwdriver, applying pressure to eject the starter assembly **IMAGE 8**
5. Check/clean the O-rings [21] and [22] **IMAGE 8**
6. Replace starter and the ring: press fully on starter then release; tighten the screw [20] **IMAGE 8**
7. Open the water supply by opening the stopcock [32] (anti-clockwise)
8. Replace the top cover and tighten the outer locking ring using the removal tool
9. Replace the end cap and tighten the two screws

DIRT OR ABRASIONS ON THE O-RINGS ON SHOWER HEAD MECHANISM

1. Using the removal tool [31], unscrew the outer locking ring [3] and remove the top cover [7]
SEE IMAGE 1 & 3 or 2 & 3 on page 4
2. Turn off the water supply by closing the stopcock [32] (clockwise)
3. Using a 30mm spanner, unscrew the mechanism body [42] **IMAGE 9**
4. Remove the delay case [25], the spring [26] and the piston [27], taking care not to lose the washer [24]. **IMAGE 10B**
5. Clean the inside of the delay case [25] with a cloth, and the timing groove [30] with a non-metallic point, and check/clean the seals [28] and [29] **IMAGE 10A & 10B**
6. Replace the mechanism assembly not forgetting the washer [24] **IMAGE 10B**
7. Restore the water supply by opening the stopcock (anti-clockwise)
8. Replace top cover and tighten outer locking ring

CLEANING THE FILTER

1. Using the removal tool [31], unscrew the outer locking ring [3] and remove the top cover [7]
SEE IMAGE 1 & 3 or 2 & 3 on page 4
2. Turn off the water supply by closing the stopcock [32] (clockwise) using a 3mm Allen key
3. With the same Allen key, unscrew the filter holder [43] and clean the filter [44] **IMAGE 11**
4. Replace the filter [44] and the filter holder [43]
5. Restore the water supply by opening the stopcock (anti-clockwise)
6. Replace the top cover and tighten the outer locking ring using the removal tool

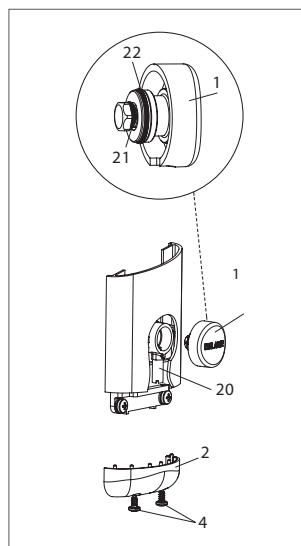


IMAGE 8

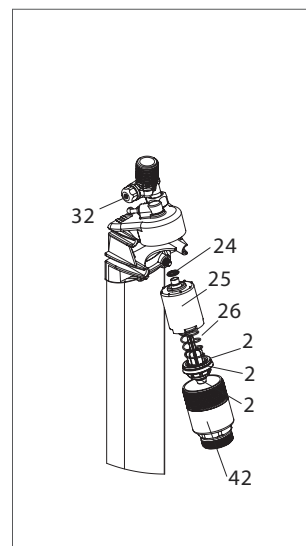


IMAGE 9

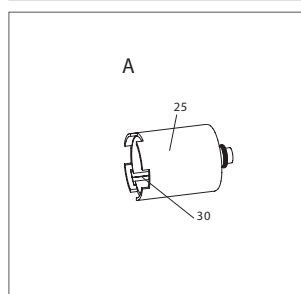


IMAGE 10A

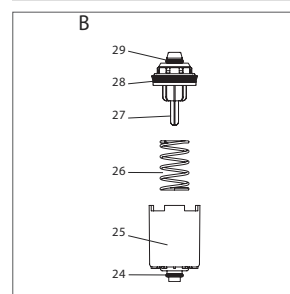


IMAGE 10B

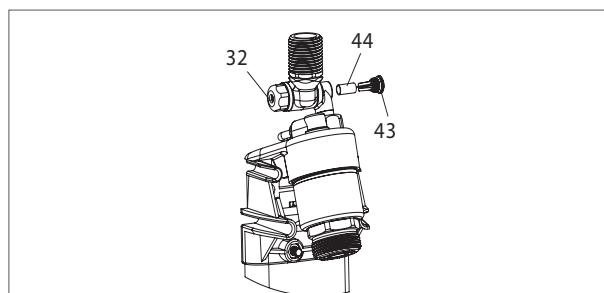


IMAGE 11

Enware Australia (“we” or “us”) warrants that this product (also referred to as “our goods”) will be free from all defects in materials and workmanship for 24 months* from the date of purchase. Our liability under this warranty is limited at our option to the repair or replacement of the defective product or part, the cost of repair of the defective product or part or the supply of an equivalent product or part, in each case if we are satisfied the loss or damage was due to a defect in the materials or workmanship of the product or part. All products must be installed in accordance with the manufacturer’s instructions, the PCA, and AS/NZS3500 including any other applicable regulatory requirements.

making a claim

To make a claim under this warranty you must notify us in writing within 7 days of any alleged defect in the product coming to your attention and provide us with proof of your purchase of the product together with a completed Product ServiceRequest form (ENF091), which is available on request from our office or website (see contact details below). All notifications and accompanying forms must be sent to us marked for the attention of the Enware Australia, 9 Endeavour Road, Caringbah NSW 2229. We can also be contacted by telephone (1300 369 273) or by email (info@enware.com.au). Your costs in making a claim under this warranty, including all freight, collection and delivery costs, are to be borne and paid by you. We also reserve the right at our cost to inspect any alleged defect in the product wherever it is located or installed or on our premises.

*Conditional warranty: Jumper Valve Tapware - 2 Years: 1 year parts and labour on the complete assembly then a further 1 year parts only warranty is applicable

Ceramic Disc Cartridge Tapware - 10 Years: 10 Year ceramic disc cartridges – parts only; 1 Year parts and labour on complete assembly

Outlets - 1 Year parts and labour on the complete assembly

exceptions

This warranty does not apply in respect of any damage or loss due to or arising from:

- a) Failure by you or any other person to follow any instructions for use (including instructions and directions relating to the handling, storage, installation, fitting, connection, adjustment or repair of the product) published or provided by us;
- b) 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 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); or
- c) Any act or circumstance beyond our control including faulty installation or connection, accident, abnormal use, acts of God, damage to buildings, other structures or infrastructure and loss or damage during product transit or transportation.

other conditions

Except as provided or referred to in this document, we accept no other or further liability for any damages or loss (including indirect, consequential or economic loss) and whether arising in contract, tort or otherwise. Any benefits available to you under this warranty are in addition to any non-excludable rights or remedies you may have under applicable legislation, including as a “consumer” under the Australian Consumer Law. To that extent you need to be aware that: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.



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