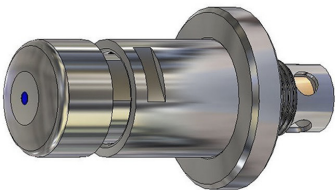


Time Flow Recess Adaptor

Installation and Maintenance Instructions

TFC794R



technical data

Working Pressure Range	Min 50 kPa Max 500 kPa
Recommended Pressure	250 - 300 kPa
Maximum Static Pressure	1000 kPa (For testing purposes / system commissioning)
Maximum Working Temperature	70°C
Inlet Connection	5/8" BSP (standard tap body)
Operating Force	47N @300 kPa
Flow Time	15 seconds * Flow times are indicative only and may vary depending on water supply pressure and flow conditions.

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.

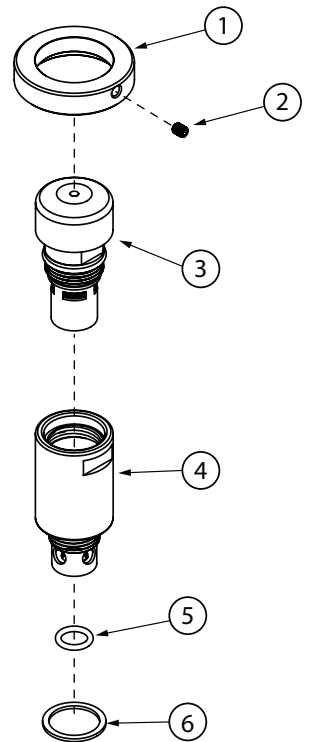
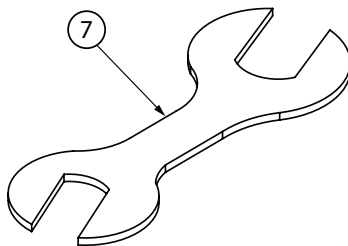
This product must be installed and commissioned by a qualified plumber.

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.

I00258_22 Jan 2024



- 1 Locking ring
- 2 Grub screw - M5X6 S/S 304
- 3 Time flow cartridge
- 4 Body
- 5 O-ring 17x12x2.5
- 6 Fibre washer 28.5x23x1.5MM
- 7 Spanner

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 thermostatic mixing valve and a pressure reduction valve may be required to comply with maximum temperature and pressure requirements.

Note: This product has fixed seat depth, and is suitable for standard tap body only. Not suitable for re-seated or non-standard tap body where the depth of seat may be different.

Note: This product is suitable for single temperature only. Supply with cold water or pre-mixed warm water.

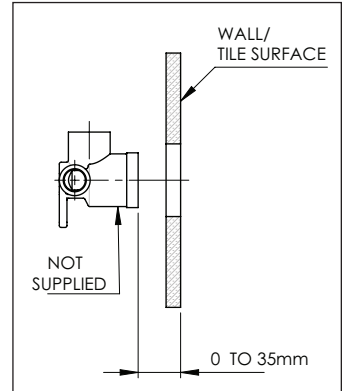


IMAGE 01

INSTALLATION

1. Prepare tap body in wall, taking into account the wall depth required for the tap.

The depth from finished wall to face of tap body must be between 0mm and 35mm (flush with wall - up to 35mm deep in wall). **SEE IMAGE 01**

2. Fit fibre washer [6] onto the body [6]. Ensure the O-ring [5] is in place.
3. Screw time flow tap assembly into the tap body in wall. Use the spanner [7] on the two flats provided on the body [4] to tighten. **SEE IMAGE 02**
4. Turn water supply on. Push the button several times to test for leaks.
5. Seal any gaps between the SBA and the wall if necessary.
6. Remove grub screw [2] from Locking Ring [1].
7. Fit Locking Ring onto body [4], and push until the Locking Ring sits tight against the finished wall. Fit the grub screw [2] onto Locking Ring [1] and tighten to fix the Locking Ring in place. **SEE IMAGE 03**
8. Push the button several times to activate the valve and test operation.

If water flow rate requires adjustment, proceed to FLOW ADJUSTMENT.

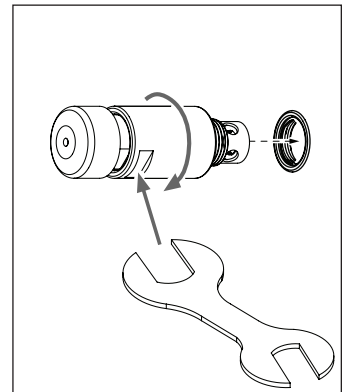


IMAGE 02

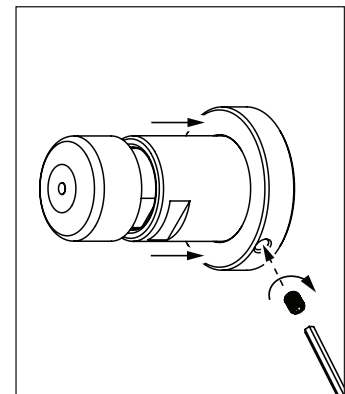
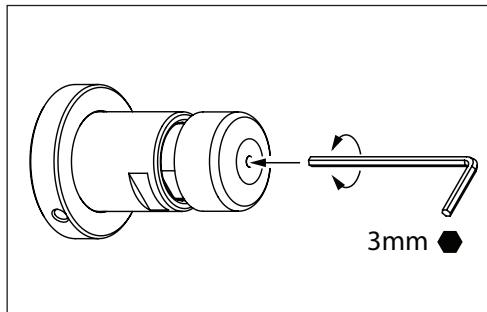


IMAGE 03

FLOW ADJUSTMENT

The flow rate can be adjusted without shutting off the water supply or removing the mechanism.

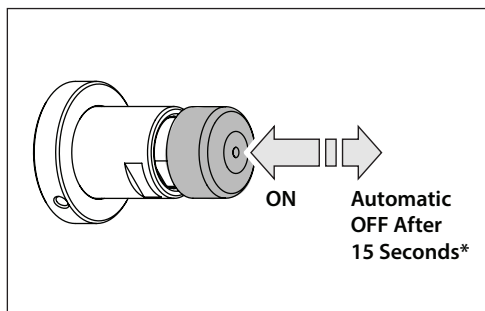
1. Pull out the colour indicator in the centre of push button.
2. Insert a 3mm Allen key into the slot in the centre of push button.
3. Press the push button and turn on the flow.
4. Turn the Allen key to adjust the flow rate on the valve:
 - Turn clockwise to decrease the flow rate
 - Anticlockwise to increase the flow rate



operation

1. Push the button once to turn ON.
2. The water flow will stop automatically after 15 seconds*.

* Flow times are indicative only and may vary depending on water supply pressure and flow conditions.

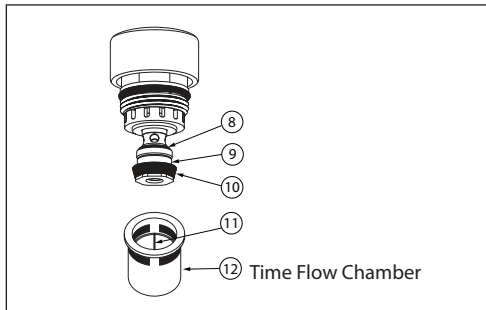


maintenance

TIME FLOW CARTRIDGE- CLEANING

If the automatic shut-off takes too long or if there is continuous flow:

1. Unscrew cartridge [3] from body [4] and pull off Time Flow Chamber [12].
2. Clean the inside of the Time Flow Chamber [12] using a clean, dry cloth, and clean the calibrated groove [11] with a non-metallic, sharp point. Similarly, clean the seat [8].
3. Check that the lip seal [10] and seat [8] are in good condition. Replace if damaged.



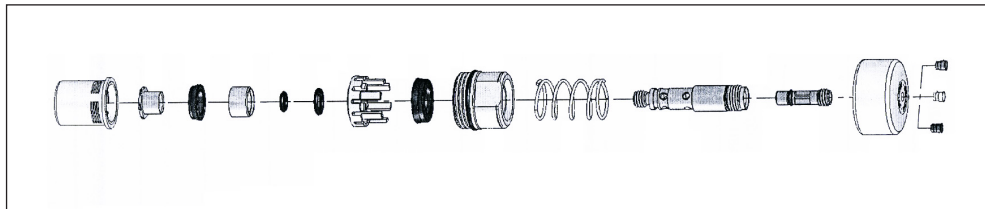
Important: Do not apply grease to internal components of the cartridge. Applying grease will cause malfunction and void warranty.

TIME FLOW CARTRIDGE SERVICING PROCEDURE

1. Unscrew cartridge [3] from body [4] and pull off the plastic Time Flow Chamber [12].
2. Dismantle cartridge by first loosening the fixing nut at the bottom of the cartridge. Use a spanner, being careful not to round the hex.
3. Pull out all components off spindle and replace with new components in the Service Kit.

Important: Do not apply grease to internal components of the cartridge. Applying grease will cause malfunction and void warranty.

4. Assemble components back together by reversing the above steps.



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.

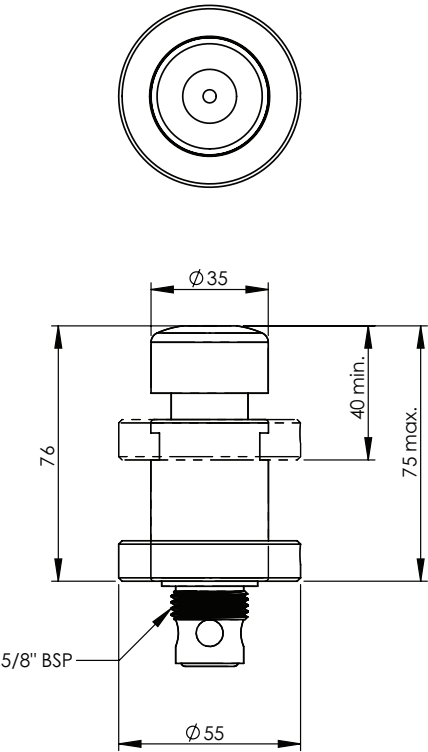
troubleshooting

PROBLEM	CAUSE	RECTIFICATION
Water runs constantly / leaking from outlet	Debris fouling time flow cartridge	Dismantle cartridge and clean. If problem persists, replace components using service kit or replace cartridge. If debris is an ongoing problem, install a strainer (40 mesh) upstream
	Scale build up on time flow cartridge / Time Flow Chamber	Dismantle cartridge and clean
	Worn piston seals in cartridge	Replace or service cartridge assembly
	Time flow chamber is cracked, caused by high impact	Replace timing basket or replace cartridge assembly
	Supply pressure is too high	Ensure water pressure is under 500 kPa (250 - 350 kPa recommended)
Poor or no water flow from outlet	Flow rate setting is incorrect	Adjust flow rate as per instructions
	Debris fouling inlet or outlet ports of cartridge	Remove cartridge and remove blockage
	Water supply turned off	Turn on water supply
Water discharge from top of cartridge or push button	Piston O-rings are worn	Service or replace cartridge assembly
Push button is difficult to press	Supply pressure is too high	Ensure water pressure is under 500 kPa (250 - 350 kPa recommended)

spare parts

DESCRIPTION	PART CODE
Time flow cartridge 15 sec	TFC790
Cartridge service kit	TFC797

dimensions



All measurements are in millimetres.

product warranty statement - WATTS AUSTRALIA

Effective 27 October 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 purchase of the Product.

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