USER MANUAL

FLOSTOP Lead Free Brass Bubbler

- **TFTLF8000 -** Lead Free DZR Brass Wall Mounted Right Angled Single Temperature Timed Flow Bubbler w/ Safety Bubbler Guard
- **TFTLF8050 -** Lead Free DZR Brass Wall Mounted Angled Single Temperature Timed Flow Bubbler w/ Safety Bubbler Guard
- **TFTLF8050UR -** Lead Free DZR Brass Hob Mounted Upright Single Temperature Timed Flow Bubbler w/ Safety Bubbler Guard
- **TFTLF8050URL -** Lead Free DZR Brass Hob Mounted Upright Single Temperature Timed Flow Bubbler w/ Safety Bubbler Guard and Care Lever Handle

Table of Contents

Scope of Use	2
Technical Information	2
Exploded Drawings	3
Product Images & Technical Drawings	4
Installation Steps	6
Time Adjustment	7
Water Flow Adjustment	8
Cleaning & Maintenance	10
Troubleshooting	12
Water Quality	13
Responsibly Sourced	14

The more stars the more water efficient
WATER RATING
www.waterrating.gov.au
3.5 litres per minute
In accordance with AS/NZS 6400
Licence No. 1334
GENTEC AUSTRALIA

The more stars the more water efficient
WATER RATING
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4.5 litres per minute
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Lead Free
AS 3718
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Scope of Use

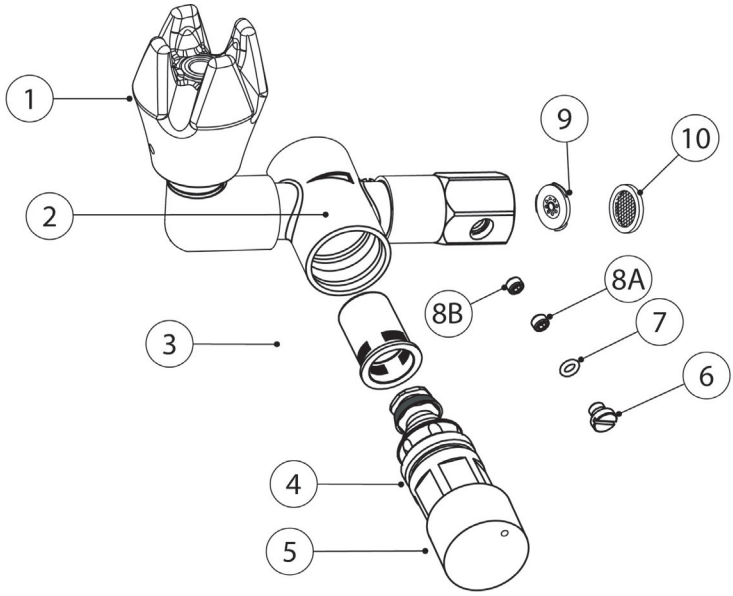
Installation of all products should adhere to the manufacturer's guidelines, as well as comply with PCA, AS/NZS3500 standards, and any other relevant regulatory provisions. This product range complies with the Lead Free requirements of the National Construction Code Volume Three.

- **Installation:** Refer to the installation instructions included within this manual
- **Water quality:** In line strainer (supplied) must be installed to ensure water quality
- **Suitable for indoor and outdoor use**
- **Temperature recommendation:**
- Single temperature up to: 50°C
- Minimum temperature: 5°C
- **Mounting:** Wall or bench installation

Technical Information

Body Material	Lead Free Brass
Bubbler Guard Material	UV Stabilised Food Grade Rubber
Cartridge	Timed Flow (Hydraulic)
Cartridge Size	15mm
Inlet	15mm Female (G 1/2" BSP)
Outlet	Free Flow (flow rate adjustable)
Run Time	2-40 (+/-5) seconds (Adjustable)
Working Pressure	150kPa-500kPa
Manufacturers Recommended Pressure	350kPa
Working Temperature	5°C - 50°C
Finish	Chrome Plated
Servicing	Preventative Maintenance

Exploded Drawings



Item#	Description	Qty	Spare Parts
1	Bubbler Guard	1	☑
2	Body	1	☐
3	Flow Cup	1	☑
4	Cartridge	1	☑
5	Handle	1	☐
6	Cover Screw	1	☐
7	O-Ring	1	☐
8A	Locking Screw	1	☐
8B	Screw for Water Control Adjustment	1	☐
9	Flow Regulator	1	☑
10	Strainer	1	☑
11	O-Ring Kit Preventative Maintenance	1	☑

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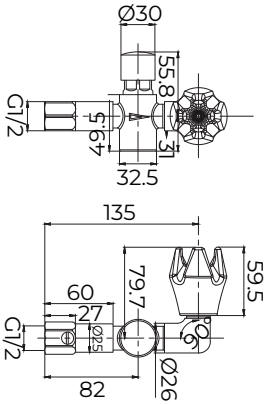
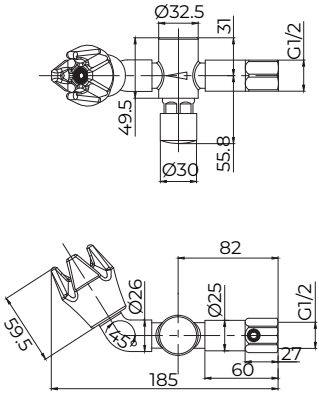
Product Images & Technical Drawings



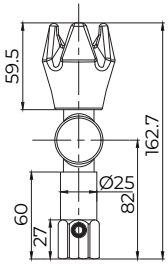
TFTLF8000

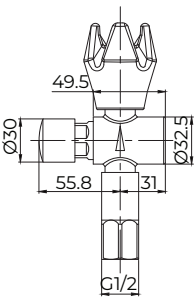
Lead Free DZR Brass Wall Mounted Right Angled Single Temperature Timed Flow Bubbler w/ Safety Bubbler Guard



TFTLF8050

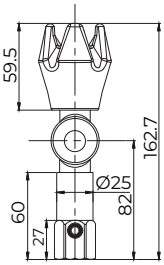
Lead Free DZR Brass Wall Mounted Angled Single Temperature Timed Flow Bubbler w/ Safety Bubbler Guard

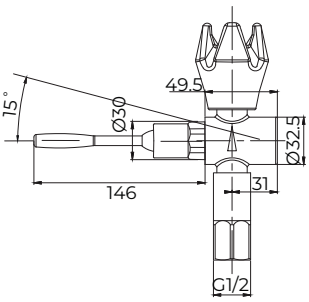




TFTLF8050UR

Lead Free DZR Brass Hob Mounted Upright Single Temperature Timed Flow Bubbler w/ Safety Bubbler Guard





TFTLF8050URL

Lead Free DZR Brass Hob Mounted Upright Single Temperature Timed Flow Bubbler w/ Safety Bubbler Guard and Care Lever Handle

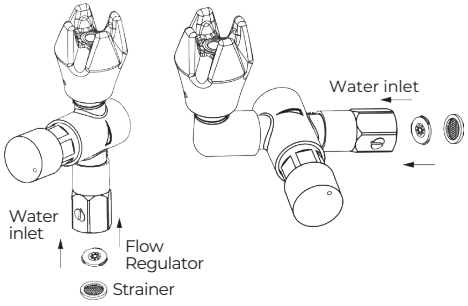
Note: Dimensions are provided as a guide and are subject to manufacturing tolerances.

Installation Steps

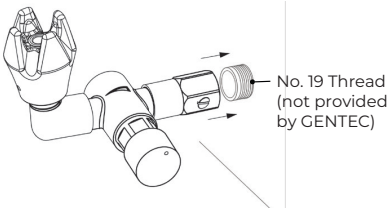
Step 1. Flush the new pipe prior to installation.

Step 2. Bubblers should be installed with isolating stop valve.

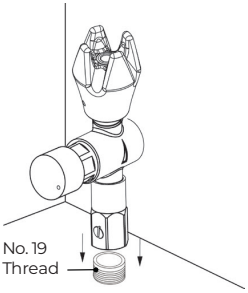
Step 3. Install the Flow regulator and place the strainer in the inlet connection before screwing the valve to the water inlet. Ensure regulator is facing the correct direction.



Step 4. Apply adequate thread tape and screw the bubbler to the water inlet.



Step 5. The drinking taps are fitted with a flow regulator. When applying thread tape or sealant to the inlet, ensure the opening is not obstructed.
*Failure to do so may restrict or block the flow regulator affecting the flow of water.



Important Information

We do not recommend dismantling the internal parts of the tapware set. The tapware are individually factory assembled and tested to give the best performance.

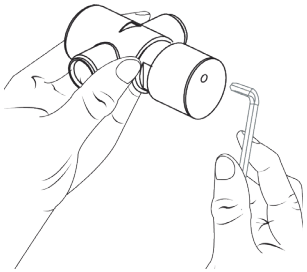
Time Adjustment

ADJUSTABLE CARTRIDGE (2 TO 40 SECONDS)

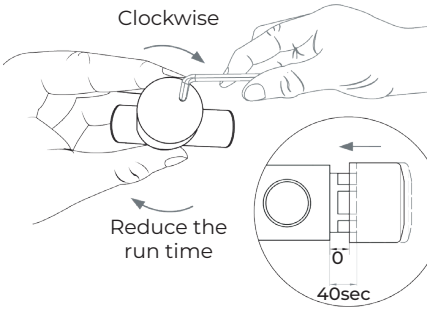
This option is suitable for the following references: TFTLF8000, TFTLF8050, TFTLF8050UR, TFTLF8050URL.

The adjustable cartridge used is a 30mm diameter handle with a small 3mm hole in the front of the handle. The hole in the handle has a grub screw for adjusting the run time.

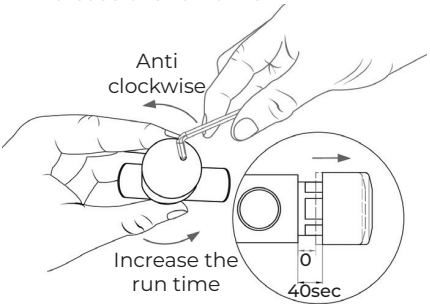
- To adjust the timing, you will need to use the allen key provided or you need a 1.2mm allen key.



- Turning the screw clockwise will reduce the run time.



- **Turning the screw anti clockwise will increase the run time**



Fixed Timing Adjustment

Please contact GENTEC before changing flow cups.

Our FLOSTOP range is available in the following fixed timing options.

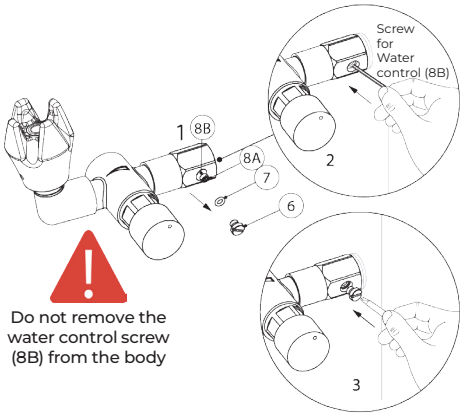
These options are available upon request and are factory installed. *Please refer to the chart below.

Changing the flow cup yourself may void the product warranty.

Flow Control Cup	Description
TFT9050	Flow cup 4 - 6 Sec
TFT9052	Flow cup 8 - 12 Sec
TFT9053	Flow cup 12 - 16 Sec
TFT9054	Flow cup 40 Sec

Water Flow Adjustment

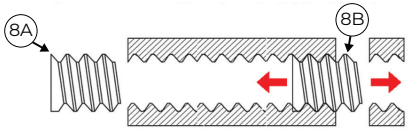
This option is suitable for the following references: TFTLF8000, TFTLF8050, TFTLF8050UR, TFTLF8050URL.



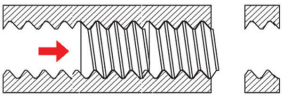
Step 1. Unscrew the top cap (6).

Step 2. Remove the locking screw (8A) and adjust the flow with adjustable screw (8B) using a 3mm Allen key. Replace locking screw.

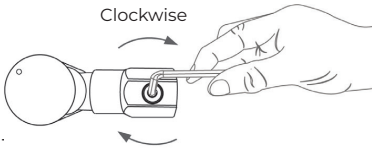
Adjust to the desired flow height:

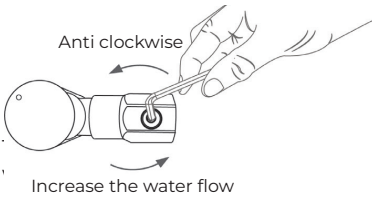


Locking the flow adjustment:



Step 3.





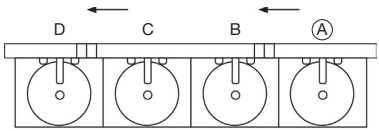
Water Pressure

In a case where multiple bubblers are fitted along side by side, it is important to ensure the water pressure is sufficent to service the number of bubblers fitted.

If the water inlet is at position A then it would require sufficient pressure to achieve the correct pressure at position D.

Use the correct pipe size to allow sufficient flow to service all units.

To lower the pressure, use 3/4" to 1" pipe.



Note: The flow regulators will assist where multiple bubblers are fitted.

Min. Continuous Flow Working Pressure	150kPa
Max. Continuous Flow Working Pressure	500kPa
Optimum Flow Working Pressure	350kPa
Max Static Pressure	500kPa
Min. Continuous Working Temperature	5°C
Max. Continuous Working Temperature	50°C

Cleaning & Maintenance

To minimise downtime and maximise the functional life of the product, GENTEC recommends servicing your product at least every 12 months, under heavy use may need to be checked and serviced more often.

- The product must be handled carefully to avoid causing any physical damage.
- Use the product at least once every week to ensure all parts are kept lubricated and functioning properly.
- Service the product at least once a year to avoid any product failures - The service timeline provided is based on normal use. More frequent servicing may be required for heavy usage.
- A working pressure of 350kPa is highly recommended to ensure the maximum up-time of the product.
- Regularly clean the product with a soft cloth with warm soapy water, wash off with warm water and dry off with a soft dry cloth, paying attention to removing the dust and contamination in the bends and joints is highly recommended.
- Abrasives, hard clothes, strong acids, and bleaches must be avoided when cleaning all GENTEC products.

Parts	Product Name
TFT9069	FLOSTOP adjustable cartridge only
TFT9070	FLOSTOP mesh strainer only
FRW4	Flow regulator flat washer G1/2” - 4lpm dark grey
TFT8025	FLOSTOP bubbler guard only
TFT9054	FLOSTOP flow cup 40 seconds +/- seconds

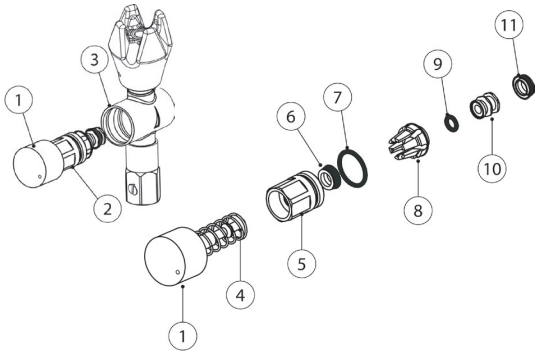
O-RING KIT SERVICE

Important Note

For adequate maintenance, please unscrew and clean the strainer, then proceed to flush the line before putting back the strainer.

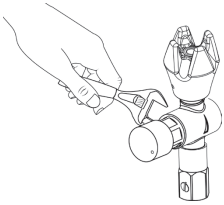
For the following steps, a qualified and licenced plumber must be in charge of the maintenance and handling of the tapware in order to keep product warranty. The damage on parts after dismantling a product would not be covered by the warranty.

First start by shutting off the main water supply.



Dismantle and Assemble Catridge

Step 1. Unscrew the head valve using a shifter on the flats and remove the cartridge.



Step 2. Undo the stopper (10)

Step 3. Set aside the crown ring (8)

Step 4. Set aside the head valve (5) from the stem

Step 5. Remove the washer Gaco (6) from the head valve (5) and replace with the new washer gaco (6)

Step 6. Remove the Washer Gaco (11) from the stopper (10) and replace it with the new washer gaco (11)

Step 7. Remove the O-Ring (9) and replace it with the new O-Ring (9)

No.	Description	Qty
01	Handle	1
02	Cartridge	1
03	Bubbler body	1
04	Stem	1
05	Head Valve	1
06	Washer Gaco	1
07	O-Ring	1
08	Crown Ring	1
09	O-Ring	1
10	Stopper	1
11	Washer Gaco	1

Step 8. Remove the O-Ring (7) and replace it with the new O-Ring (7)

Step 9. Using the existing crown ring (8) place it back into the head valve (5)

Step 10. Place the stem (4) through the head valve (5)

Step 11. Apply a drop of Loxeal to the thread of the stem (4)

Step 12. Replace the stopper (10), ensure the O-Ring (9) is in place, then tighten the stopper (10). Do not overtighten.

Step 13. Fit the cartridge and handle back into the body, and tighten. Do not overtighten.

Important Information

The damage on parts after dismantling a product would not be covered by the warranty.

Troubleshooting

Problem	Cause	How to Fix
Tap is not shutting off	• Debris • Grease/ lubricant • High pressure	• Is the cartridge tight • Have you flushed the water line for a minimum of 1 minute before connecting the water • Have you installed the strainer and flow controller if provided • If debris or lubricants have gone through the flow cup, it must be replaced. Debris or lubricants have a major effect on the hydraulic cartridge, this is more than likely to be the cause • Have you checked to make sure the pressure is to manufacturer's recommendations and in line with the plumbing code • Gecko rubber blown/peeled over due to high pressure
No water	• Isolating valve is off	• Ensure the isolating valve is turned on
Run cycle is too long	• Need to order the right timing	• The standard product is not set for any set time. Customers can adjust the run time from 2 to 40 seconds • If you need different timing, you will need to order and replace the flow cup • If you have an adjustable time tap or valve, then you have the opportunity to adjust on site by just using an Allen key provided with every unit. The hole is located on the front of the handle, clockwise will reduce the time and anti-clock wise will increase the time
Issue with water flow	• Not enough water • Too much / little water	• Check for blockage • Is the isolating valve fully open • Have got these in a bank, if so, is the inlet pipes been sized correctly • Has the flow control been installed • High pressure exceeding the plumbing code will have an effect on the product and must not exceed 500kPa • If flexi hose is used, ensure its not kinked/twisted
Not enough water	• Taps installed in a bank or a trough	• Ensure the main pipe size is correctly sized to provide adequate water to service the taps installed in a bank or a trough

Problem	Cause	How to Fix
Knee valve and lever pillar tap won't shut off	• The valve/ tap keeps running	• Please ensure the brass washer located under the handle and inside the dome is installed the right way round. Please refer to the instructions • Ensure inlet/outlet is correct (follow the arrow)
How often do I need to service my tap	• Prevent product failure	• Service and maintenance of the main operating parts is recommended as this will prolong the life of the product

Water Quality

Maximum chloride Cl- level Guidelines in plumbing systems

	Cold Water	Hot Water
Grade 304L	200	50
Grade 316L	1000	250

When materials may be used in either hot or cold water lines, the guidelines for hot water should be used.

Within these guidelines at ambient temperatures and provided the pH >~6, any negative effect to stainless steel will be unlikely.

Note: Chlorides in water - where the density of the solvent (water) is 1 (which it is to within 0.1% at ambient temperatures), then mg/L = ppm.

Chlorine guidelines (not to be confused with chloride)

- 304L suitable for chlorine levels up to 2ppm.
- 316L suitable for chlorine levels up to 5ppm.
- Short term dosing, for example 25-50ppm, for sterilisation purposes of 24-48 hours acceptable if effectively flushed through afterwards.
- Sterilisation is essential during commissioning of potable water systems.

Reference: https://www.assda.asn.au/component/content/article?id=271:chlorine-and-chloride--same-element,-very-different-effect

For brass products, please ensure the chlorine and chloramines levels are not more than 0.4 ppm.

Please ensure that the water quality supplied to the fixtures meets safe drinking standards to prevent potential staining of the product.

Responsibly Sourced

Reduce Carbon Footprint

GENTEC is rejuvenating the product- no power, less maintenance and longer life.

Rejuvenation Program

To learn more about the rejuvenation program, please contact our customer service at info@gentecaustralia.com.au for more information.

Ethically and Environmentally Sourced

Please refer to GENTEC Business Ethics & Ethical Sourcing Policy at https://gentecaustralia.com.au/terms-and-conditions/

GENTEC

ISO 9001 Certified ApprovalMark

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Gentec products come with a Manufacturer's Warranty. To ensure the validity of this warranty, Gentec products must be installed following the provided installation instructions and adhering to AS 3500, NCC Volume Three, relevant Australian Standards, and any local authority requirements applicable to the product. Additionally, water and electrical supply conditions must meet the appropriate national and/or state standards. Non-compliance with these provisions may void the warranty and impact product performance.

Note: The information provided is only a guide, actual product may differ. The information here should not be relied on without clarification with Gentec. Gentec reserves the right to make design changes at any time without notification.

*Subject to terms and conditions. For detailed warranty information, installation compliance, maintenance and cleaning guidelines, and other relevant details, please visit https://gentecaustralia.com.au