

# INSTALLATION MANUAL

## GPure Taps

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Single Temp Wall mounted Tap

GPT7000

Single Temperature Bib Tap

GPT7500



# Contents

Product Features	3
Product Range	4
Unit Components	5
Installation Instructions	6
Operation	8
Time Adjustment	9
Maintenance	10
FAQs	12
Product Warranty	14

# GPure by Gentec

Gentec's GPure range of lead free timed flow tapware has been developed in response to the call by groups such as enHealth (Environmental Health Standing Committee) for the further reduction of lead in plumbing products that deliver drinking water. enHealth recommends that every effort should be made to reduce exposure to lead in the environment, including lead that may be dissolving into drinking water from some plumbing products. Whilst the Australian Drinking Water Guidelines permit a maximum lead level of 10µg/L, the World Health Organisation (WHO) has specified that no level of lead is safe.

GPure is manufactured from 316 marine grade stainless steel and engineering plastic that minimizes the risk of lead contamination of the drinking water supply so that GPure can be specified with confidence for tapware and bubblers applications such as childcare, schools and publicly accessible washrooms to protect those subject to the greatest risk being children. GPure's timed flow delivers precise controlled drinking water delivery with adjustable timing and integral strainer assist in optimising the operational life of the product especially in high use applications.

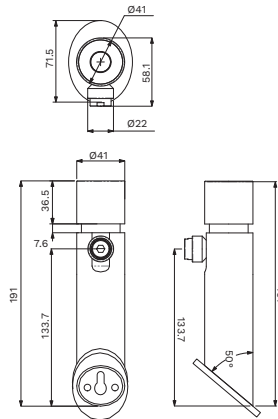
<b>Materials</b>	▶ Lead Free
<b>Timed Flow Control</b>	▶ Adjustable flow time from 1 – 20 sec.
<b>Installation</b>	▶ Integral strainer , flow control and laminar flow outlet
<b>Service Support</b>	▶ 10 year* warranty for optimised operational life
<b>Applications</b>	▶ Commercial, Institutional, Healthcare and Education facilities inclusive of child care and accessible design applications



# Product Range

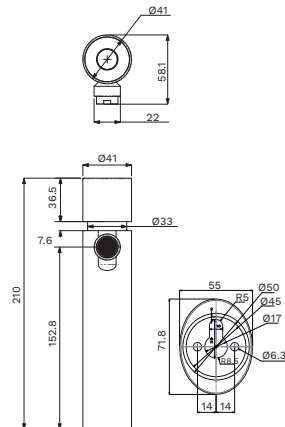
## GPT7500

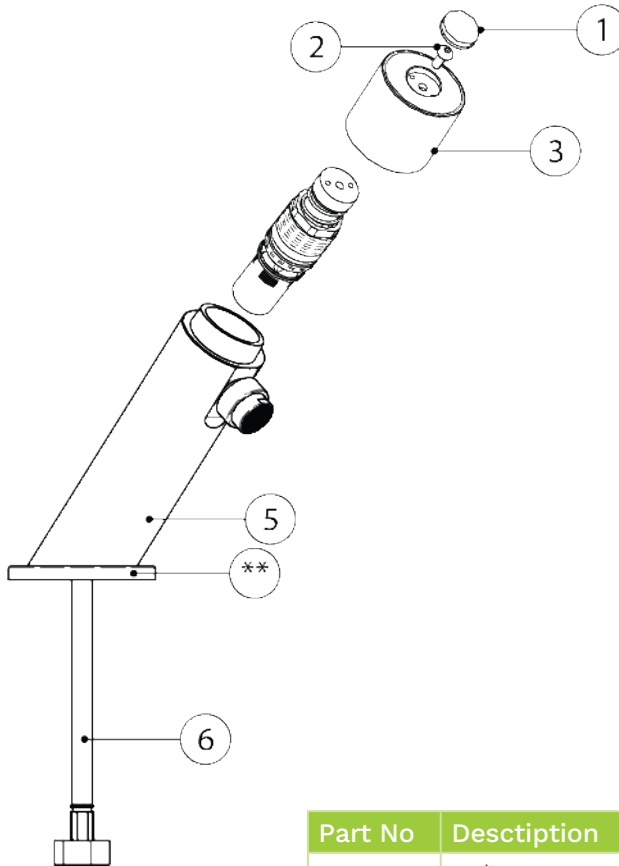
STAINLESS STEEL TIMED FLOW SINGLE TEMPERATURE BENCH MOUNTED PILLAR TAP



## GPT7000

STAINLESS STEEL TIMED FLOW SINGLE TEMPERATURE WALL MOUNTED BIB TAP





Part No	Description
1.	Indicator Cap
2.	Screw
3.	Handle
4.	Cartridge
5.	Body
6.	Flexible Hose
**	Flange (separated in the GPT7000W)

# Installation Instructions

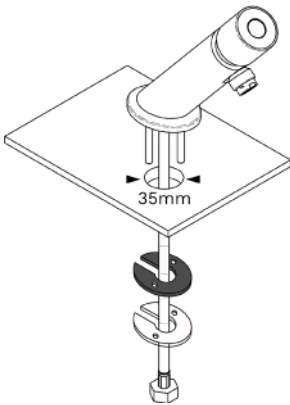
## PILLAR TAPS

### GPT7500

1. Screw in the fixing bolts and tighten with a screwdriver.
2. Connect the flexible hose. Care must be taken to not twist the hose so that it does not kink during assembly.

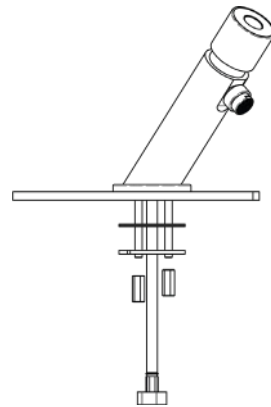


3. Assemble the flange to the base of the tap then feed the flexible hose through the pre-formed hole in the sink or basin. Pre-formed hole size must be 35mm in diameter



O – ring

4. From underneath the sink or basin, fix rubber seal, fixing plate and fixing nuts use socket set or tube spanner to clamp the mixer onto the sink/ basin. Ensure the tap set is firmly attached to the sink or basin.



5. Flush the water supply pipework prior to installation. Connect the flexible hose to an isolating stop valve.

### Important Information

Warranty may be void if damage to internal components or spare part occurs during service / maintenance.

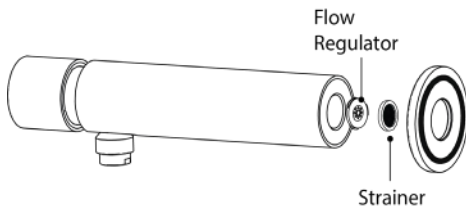
**For optimum operational life, the installation of a PRV set to 350kPa is recommended**

## BIB TAPS

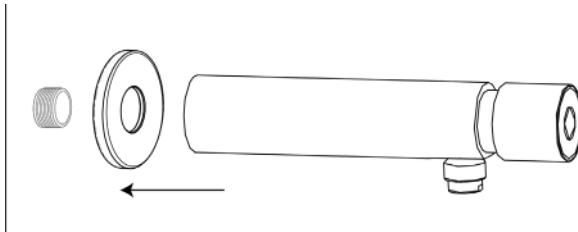
### GPT7000

For all Units:

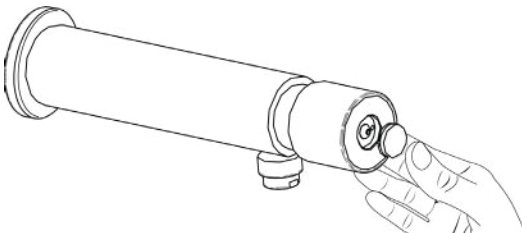
1. Flush the water supply pipework prior to installation.
2. Install the flow regulator into the body.
3. Ensure the strainer is installed prior to connection.



4. Place the flange and screw to the water supply.
  - **Note:** Ensure that thread sealant does not foul the bubbler inlet, strainer, flow control and timed flow headwork)



5. Select the desired colour indicator and push into the handle.



**Service inspections at regular intervals especially in high usage areas will assist in optimising the operational life of the product.**

# Operation

## WATER SUPPLY

Where multiple taps may be installed off the one service line, ensure that water supply pipe sizing and available pressure meets the requirements of the installation and AS/NZS3500 to ensure optimum performance.

Min Continuous Flow Working Pressure	50kPa
Max Continuous Flow Working Pressure	450kPa
Optimum Flow Working Pressure	350kPa
Max Static Pressure	450kPa
Min Continuous Working Temperature	5°C
Max Continuous Working Temperature	60°C

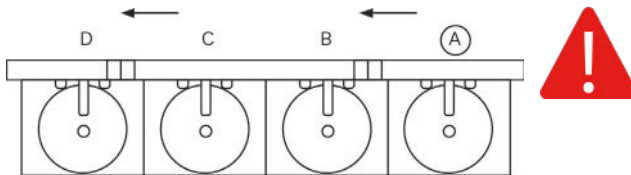


Figure 2

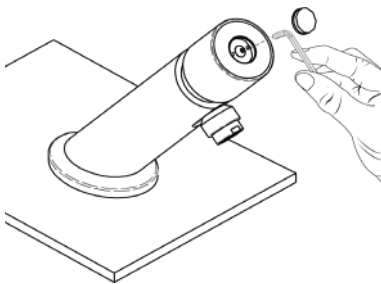
For optimum operational life, the installation of a PRV set to 350kPa is recommended



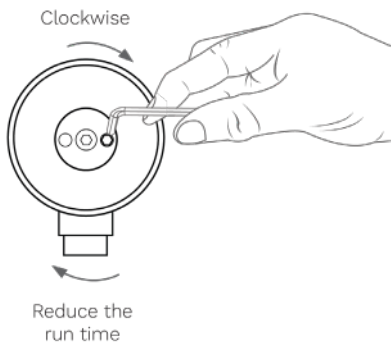
## ADJUSTING CARTRIDGE TIMING (1 TO 20 SECONDS)

To adjust the timing of the cartridge, remove the colour indicator. The grub screw may now be adjusted to vary the run time.

- To adjust the timing, you will need to use the allen key provided or you need a 1.5mm allen key to adjust the timing.

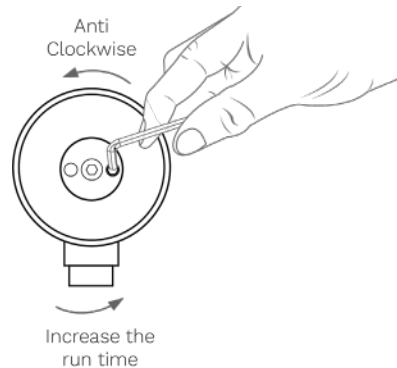


- Turning the screw clockwise will reduce the run time.



- Turning the screw anti clockwise will**

### increase the run time



### Timed Adjustment Range

#### From 1 to 20 Seconds

**Contact GENTEC before attempting to change flow cups.**

**Warranty may be void if damage to internal components or spare parts occurs during service / maintenance.**

GPure is available in a range of fixed timing options which are installed ex-works.

Refer to the chart below:

FCC.	Description
TFT9050	Flow cup 0 - 5 +/-1 Sec
TFT9056	Flow cup 0-20 +/-5 Sec
TFT9054	Flow cup 0-40 +/-10 Sec

Service inspections at regular intervals especially in high usage areas will assist in optimising the operational life of the product.

# Maintenance

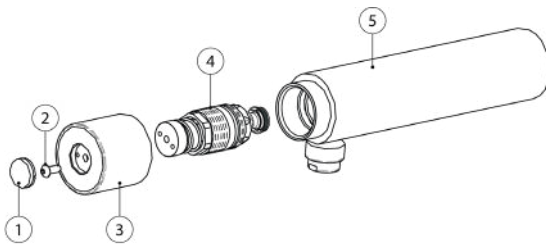
## Important Note

For optimum maintenance periodically remove the tap from the installation, inspect and clean the strainer. If debris is present in the strainer it is recommended to flush the water supply pipework.

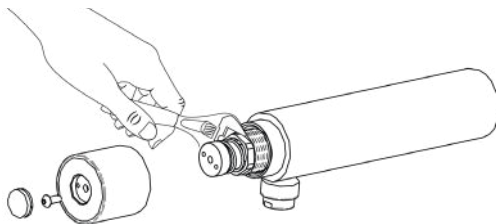
## O Ring Kit service

Service and maintenance must be undertaken by a suitably qualified plumber. Warranty may be void if damage to internal components occurs during this procedure.

First start by shutting off the main water supply.



1. Remove the indicator (1)
2. Undo the screw (2) and remove the handle (3)
3. Undo the head valve (7) and remove the cartridge (4)



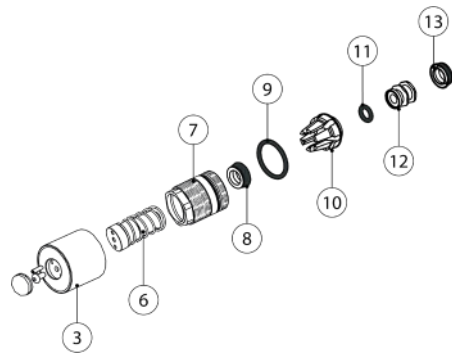
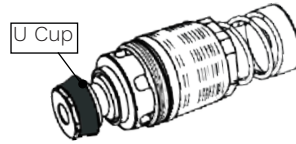
No.	Description	Qty
01	Indicator	1
02	Screw	1
03	Handle	1
04	Cartridge	1
05	Body	1
06	Stem	1
07	Head Valve	1
08	U Cup	1
09	O-Ring	1
10	Crown Ring	1
11	O-Ring	1
12	Stopper	1
13	U Cup	1

### Note

- The O – Ring Service Kit contains #8, #9, #11 and #13

**For optimum operational life, the installation of a PRV set to 350kPa is recommended**

3. Undo the stopper (12)
4. Set aside the crown ring (10)
5. Set aside the head valve (7) from the stem
6. Remove the U Cup (8) from the head valve (7) and replace with the new U Cup (8)
7. Remove the U Cup (13) from the stopper (12) and replace it with the new U Cup.
8. Remove the "O" Ring (11) and replace it with the new "O" Ring (11)
9. Remove the "o" Ring (9) and replace it with the new "o" Ring (9)
10. Using the existing crown ring (10) place it back into the head valve (7)
11. Place the stem (6) through the head valve (7)
12. Replace the stopper (12), ensure the "o" Ring (11) is in place, then tighten the stopper (12). Do not over tighten.
13. Fit the cartridge back into the body and tighten. **Do not overtighten.**
14. Replace the handle (2) tighten the screw (2) and place back the indicator.



#### Important Information

- To minimise the risk of malfunction apply a small amount of Loxeal or another thread locker to the screw in high use applications.

**Service inspections at regular intervals especially in high usage areas will assist in optimising the operational life of the product.**

# Notes

For optimum operational life, the installation of a PRV set to 350kPa is recommended

## GENTEC PRODUCT QUALITY WARRANTY

You have purchased a quality product from GENTEC Australia Pty Ltd ABN 581 552 50285 ). This product is covered by a 10 year replacement warranty which includes 1 year parts and labour.

### Warranty

1.1 This warranty is given by the Principal subject to the terms and conditions set out in this document.

1.2 The Principal warrants that the Goods are free from defects in materials and workmanship for the time period specified for the Goods in the Product Index. If Your Goods are found to be defective within that time, we will repair or replace the Goods.

1.3 This warranty does not cover accidental damage, wear and tear, consequential or incidental loss, or any damage caused by You, including if the Goods were not installed in accordance with the manufacturer's instructions, the PCA and AS/NZS3500.

1.4 You are required to service the Goods regularly. Failure to do so may cause this warranty to be voided.

### 2. Procedure

2.1. If you consider that the Goods are defective, you must cease use of the Goods immediately and provide notice to the Principal in writing as soon as is reasonably practicable after discovering the alleged defect.

2.2. The notice referred to in clause 2.1 must state the following:

2.2.1 the alleged defective Goods;

2.2.2 what the alleged defects are;

2.2.3 where the Goods are located;

2.2.4 when the Goods were purchased

2.2.5 the invoice number relating to the purchase of the Goods;

2.2.6 whether the main water to the unit is able to be turned off;

2.2.7 include pictures of the alleged defect; in a reasonable time.

2.2.8 completed credit card authorisation in the form set out in Schedule 2 to these conditions accepting liability in accordance with clause 2.6 if the product is not faulty.

2.3 The Principal will, on receipt of a notice in accordance with clause 2.2, issue a case number for the investigation of the alleged defective Goods.

2.4 In the event that the Goods are to be returned to the Principal You may bring or send them to one of our service locations or sites. If the cost of returning the goods to us is significant because of the nature of the failure or because of the size or height of the goods, the Principal will collect the goods from you within a reasonable time of You providing notice in accordance with clause

2.2. If the cost of returning the Goods to us is not significant, you are responsible for this cost (although, you are entitled to compensation for reasonably foreseeable costs incurred because of the defect, including the cost of returning the goods to us for repair, replacement or return).

2.5 In the event that the Principal or its agent are required to inspect the Goods at the location of their use or storage, You will, on reasonable notice, allow the Principal to inspect the allegedly defective Goods at the location of their use or storage.

2.6 You are responsible for Your expenses relating to a warranty claim, except as otherwise provided for in this document. If the Principal is required to attend Your site to inspect the Goods, and it is found that there is no defect or the defect has been caused by the circumstances listed in clause 1.3, You will be responsible for the Principal's reasonable costs of attending Your site. Where reasonably possible, we will notify you to give you the option of paying for a repair or replacement

**Service inspections at regular intervals especially in high usage areas will assist in optimising the operational life of the product.**

(however, we have no obligation to do so). We will also provide you with all relevant information associated with obtaining a repair or replacement of the good (including the costs involved and how the repair or replacement will be performed).

2.7 If the Principal agrees that the Goods are defective, they will be replaced or repaired within a reasonable time.

2.8 You have a duty to mitigate your loss in relation to a warranty claim. You must notify the Principal of major failures of the Goods within 3 business days of you becoming aware of such major failure. If you fail to notify us within this timeframe, then we disclaim all liability for consequential or indirect loss as well as losses of revenue or profits.

2.9 For the avoidance of doubt, it is in the Principal's sole discretion as to whether or not the Goods are defective and therefore covered by the warranty provided in this document. Any invoices for services or replacement products will not be paid for by the Principal without prior written authorisation.

### 3. Mandatory Warranties

3.1 The 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 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.

### 4. Exclusion of Warranties and Limitation of Liability

4.1. Except as may be set out in this document and the Quote, the Principal make no express warranties or representations in relation to the Goods or their delivery.

4.2. To the full extent permitted by law, the Principal:

4.2.1 excludes all implied warranties and conditions under statute or general law as to merchantability, description, quality, suitability, fitness for purpose or otherwise;

4.2.2 is not liable for loss of profit, indirect,

consequential or incidental loss, damage or injury in connection with the Goods;

4.2.3 is not liable for the labour costs associated with replacing the Goods;

4.2.4 is not be liable for any transport or freight costs in relation to any warranty claim and the repair or replacement of the Goods;

4.2.5 limits its liability in connection with the Goods (however arising, whether in tort, contract or otherwise) at its option and sole discretion to:

4.2.5.1 replace the Goods or the supply of its equivalent;

4.2.5.2 repair the Goods;

4.2.5.3 pay for the cost of replacing the Goods or acquiring their equivalent; or

4.2.5.4 pay for the cost of having the Goods repaired.

4.3 The warranties given by the Principal will not apply in the event of defects, failures or other matters regarding the goods where due to:

4.3.1 an act, default, omission or representation made by some other person, excluding Gentec or its manufacturer (for example, damage caused by the misuse or mistreatment of the good by the customer or someone else);

4.3.2 without limitation to (4.3.1) above, a failure to install the goods in accordance with any plumbing codes of practice prescribed by an Australian Federal or State Government body or organisation (including regulators), any plumbing codes of practice generally or any guidelines or instructions issued by the Principal in relation to the Goods; or

4.3.3 a cause independent of human control that occurs after the goods left our control.

4.4 Any of the warranties given by the Principal may be voided by failing to comply with the directions set out in the various user manuals or other instructional material provided to You by

**\*Regular service must be carried out on the product to avoid product failure.**

the Principal in relation to specific Goods.

4.5 However, nothing in this clause will prevent You from exercising any rights which You may have under the Competition and Consumer Act 2010 or any other law which cannot by law be excluded or modified by agreement.

## 5. Notices

5.1 Any notice in connection with this document must be given in writing.

5.2 Any notice in connection with this document is taken to be received:

5.2.1 if hand-delivered, on delivery;

5.2.2 if faxed, at the local time (in a place of receipt of that fax) which then equates to the then time at which the fax is sent as shown on the transmission report which is produced by the machine from which that fax is sent and which confirms transmission of that fax in its entirety unless that local time is not a Business Day, or is after 5pm on a Business Day, in which case that communication will be deemed to have been received at 9am on the next Business Day;

5.2.3 if emailed, at the local time (in a place of receipt of that email) which then equates to the then time at which the email is sent as shown on the transmission report which is produced by the computer from which that email is sent and which confirms transmission of that email in its entirety unless that local time is not a Business Day, or is after 5 pm on a Business Day, in which case that communication will be deemed to have been received at 9 am on the next Business Day; and

5.2.4 if posted, seven (7) days after being placed in the post; unless a later date is specified in it, and takes effect on the date it is taken to be received.

5.3 The address for any notice to be delivered to the Principal is as follows:

**Unit 6 20-28 Ricketty St,  
Mascot, Sydney, NSW 2020**

**[info@gentecaustralia.com.au](mailto:info@gentecaustralia.com.au)**

**[www.gentecaustralia.com.au](http://www.gentecaustralia.com.au)**

**P: +612 9319 4422**

**F: +612 8088 7635**

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