

The all in one water system
for safe and clean water

LET'S MAKE IT CLEAR TO USE

EASY TO USE MANUAL GUIDE



TipaTech
MAKE IT CLEAR

TAP PRIORITY

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INTRODUCTION

Congratulations on your purchase of the TipaTech T-18 Whole house water system. TipaTech brings you the best whole house water filtration system. You and your family will now enjoy healthier cleaner water from every tap in the house.

SPECIFICATIONS

Height: 11.81" (30cm)

Installation width: 6.53" (16.6cm)

Working pressures: 23psi - 190psi

Flow: Up to 1,300 gal per hour

Entry/Exit screw threads: 1"(BST Or NPT)

Mesh filter level: 20 micron

PF filtering level : 1 micron

Maximum Operating Temperature: 140°F/60°C

Minimum Operating Temperature: -58°F/-50°C

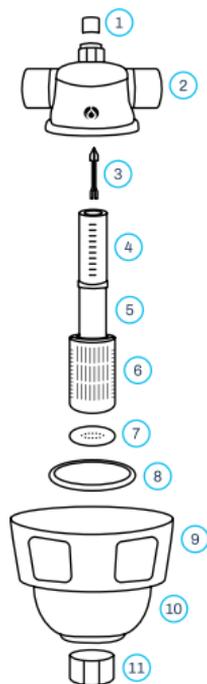
(if there is a continuous water flow)

UNPACKING

1. Thoroughly inspect the TipaTech T-18 to ensure there is no physical damage and all parts are included.
2. **CAUTION!** Properly dispose of plastic bags and packaging materials supplied with the T-18 and keep away from children to avoid suffocation. The package contains the water system parts and documentation.

T-18 Parts included:

1. Air Vent
2. System Top
3. Rocket Rod
4. TipaTech T-18 Cartridge
5. Mesh Filter (upper side have an o-ring)
6. PF Filter
7. Net Cap
8. Silicon Flat Ring
9. Multi-Magnetic Sleeve
10. system base
11. Jet Valve



The box also contains:

12. L-Shaped Hanger
13. 2x 1" male NPT connector to 1" male BSP adaptors*

***Attention: the 1" BSP side comes with a white silicone seal and the 1" NPT side does not have a seal. Please make sure the BSP (male) side directly connects to the in/out 1" BSP (female) side of the T-18.**

If installation is not performed according to the instructions the fitting will be damaged.

MODIFICATIONS BY REDUCTION OR INPUT

Water treatment with the TipaTech T-18 can reduce substance concentrations at high parameter values and percentages:

Reduces

- Chlorine - moderates smell and taste
- Hardness - eliminates up to 99% of lime scale
- Arsenic - agricultural spraying
- Parasites - such as Cryptosporidium and Giardia
- Particles
- Heavy metals
- Aerobic bacteria
- Micro - plastic fibers

Provides

- Magnesium (60 mg/l)

IMPORTANT NOTES

Attention! Please read carefully the warnings described in this User's Manual.

The T-18 is not a water purifier. It is designed to be used on potable municipal water supplies. Do not use on hot water lines or with water that is microbiologically unsafe or of unknown origin, without adequate disinfection.

State regulations regarding water consumption must, of course, be obeyed.

Attention - The T-18 works mechanically without removing minerals from the water. Therefore, chemical tests may indicate water hardness, since this type of test does not measure lime in the water.

Installation of your T-18 must comply with federal, provincial, state, municipal and local laws and regulations.

The warranty is only in effect if the T-18 is installed by a licensed plumber or a TipaTech Authorized Distributor.

Please only use our TipaTech cartridges as we cannot guarantee water quality with other cartridges, and using a different manufacturer's cartridge will invalidate the warranty.

The Jet Valve at the bottom must be opened once a month (for one minute) to flush and clean the T-18.

After installation, and before opening the main water valve, please open the T-18 valve located at the bottom and one of the faucets inside the house. Now you can open the main valve, and by doing so release the air from the T-18 and the pipes.

Once you get water flow close the T-18 valve and the faucet inside your home.

The primary faucet must be closed during the yearly maintenance process.

INSTALLATION

1. The TipaTech T-18 must be installed in a protected area, protected from snow, freezing and direct sunlight.
2. Make sure your T-18 is installed by a licensed professional plumber. Failure to comply will invalidate the warranty.
- 3. The T-18 must not be installed upside down or horizontally. It must only be installed in an upright position, with the AIR VENT on top and the drainage area on the bottom.**
- 4. Do not under any circumstances screw the AIR VENT to the T-18 with a wrench. This must only be performed manually**
5. There are three ways to flush the T-18:
 - a. Jet Valve
 - b. Regular Valve
 - c. Automatic Valve

We recommend using a Jet Valve as it does a better job of flushing the T-18.

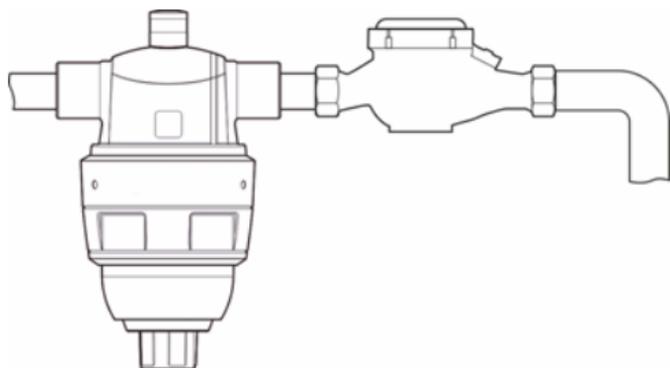
6. Verify the size of the water piping thread on which the TipaTech will be installed. The T-18 has an in/out 1" BSP (female) . We also provide 2 adaptors that convert 1" BSP to 1" NPT (male/male). If your pipes are not the size of the TipaTech thread you will need to use adaptors.

The thread must be covered with a thread sealant for use with drinking water before connecting. We found it best to use Teflon tape.

The direction of the water flow should be from the city line to the building. You will see two small arrows on top of the T-18 showing the direction of the water flow.

7. Turn off the main water. Connect the pipe on the entry and exit. Be sure to leave enough room to make it easy to maintain and flush the T-18 once installed. Flush the product by opening the Jet Valve (or whichever valve you chose) for one minute. Please be sure to put a bucket underneath to collect the water.

Direction of the flow



MAINTENANCE

The TipaTech must be flushed at least once a month for 60 seconds, or weekly for 30 seconds.

Filter set replacement is required every 6 months.

There are three ways to flush the T-18.

1) If you use the Jet Valve, turn it until the water pressure is strong and let it run for one minute if done monthly or 30 seconds weekly.

2) If you use a regular valve, open the valve all the way and let the water run for one minute. The advantage of using a regular valve is that you can attach a hose.

3) If you use an automatic valve, set it to flow for one minute once a week.

Note: If you have a hard time turning the regular valve or Jet Valve on the bottom, close the main water and open a faucet in your home (this will release pressure). Now close the faucet and try opening the regular valve/Jet Valve again. Open the main water to flush the T-18.

Regular maintenance is required to guarantee the quality of the water supplied by your TipaTech.

CARTRIDGE AND POST FILTER REPLACEMENT

Turn off the main water valve.

Release the pressure by turning the Jet Valve on the bottom, and let the water flow out. Close the Valve (so you are not sprayed with water when you reopen the main water valve).

Turn the Magnetic Shield Sleeve clockwise so it separates from the top.

Remove the Net Cap and the plastic cover of the PF Filter so you can easily get to the other parts. Inside you will find the Rocket Rod, the TipaTech Cartridge and the Mesh Filter.

Remove the rocket rod and used TipaTech cartridge. They will come out easily. Set them aside.

To remove the Mesh Filter, hold the PF Filter and remove the Net Cap on the bottom. The Net Cap is attached to the Mesh Filter, but must be removed in order to separate the Mesh Filter from the PF Filter. Push down on the Mesh Filter that is inside the PF Filter to easily remove the Net Cap.

You can now remove the Mesh Filter by pushing upward from the part where the Net Cap was located and then twisting out the Mesh Filter. The Mesh Filter is now separated from the PF Filter.

To insert the new PF Filter, hold the Mesh Filter by placing your hand on the end with the O-Ring and gently turn the Mesh Filter until it slides into the PF Filter. You can now return the Net Cap to the bottom of the Mesh Filter (the end without the O-ring). Insert the new PF Filter and Mesh Filter into the unit with the Net Cap part on the bottom

Now insert the new TipaTech Cartridge (with slots facing up) and place the Rocket Rod back into the Cartridge.

Return the T-18 Water Base and close securely. Turn on the main water and close the Jet valve after flushing the TipaTech for one minute.

Don't forget to put a bucket underneath to collect the water!

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
1. Leakage from the pipe connectors to the TipaTech	Several possible causes	Call technical support
2. No water flow	There is no water supply	Wait for the supply to be restored
3. Weak flow rate	Filters in poor condition or clogged	Call technical support
4. Whitish-colored water	Lime scale cleaning in pipes	This is not a problem, it will disappear in about 30 days
5. Appearance of lime in partitions	Mineralization	Easily wipe off with a damp cloth
6. Glasses with a whitish appearance	Excess soap	Decrease soap by 80%
7. The automatic valve drains continuously	Automatic valve malfunction	Call technical support
8. Constant leaking noise in the drain	Several possible causes	Call technical support
9. Sediment coming out of faucets	Lime acts as an adhesive for sand and other impurities that adhere to the pipes. In the clearing and descaling process these sediments are expelled through the faucet, particularly if the pipes are old.	This is not a problem, it will disappear in about 60 days
10. The tests indicate water hardness	Hardness tests measure calcium, not lime.	This is not a problem since the TipaTech controls minerals in the water

WARRANTY

Our Commitment

TipaTech is committed to delivering an exceptional customer experience.

The TipaTech T-18 is manufactured according to the highest quality standards. Should you need support, or have questions about your system, please contact our Support team at support@tipatech.com and we will be happy to assist you.

We sincerely hope you and your family will now enjoy healthier, cleaner water.

How to Make a Warranty Claim?

In the event that repair or replacement of parts covered by this warranty is required, the process will be handled by your dealer. If you are unsure whether an equipment problem or failure is covered by warranty, contact our support team at support@tipatech.com

Please have available the model number, the date of purchase, the name of the dealer from whom you purchased your T-18, as well as a description of the problem you are experiencing. To establish proof of purchase when making a warranty claim, you will either need your original invoice, or to have previously completed and returned your product registration card via mail or online.

How do I Register My Warranty?

Please visit our website www.tipatech.us under registration tab and follow product registration instructions.

Five Year Limited Warranty

To maximize the performance and reliability of your T-18, the system must be properly sized, installed and maintained. Instructions regarding installation and maintenance requirements can be found in your User's Manual.

T-18 warrants its product to the end user, against defects in material and workmanship during ordinary consumer use, for a period of five (5) years from the date of purchase when purchased directly from an authorized TipaTech Dealer. During this time, TipaTech will repair or replace, at its option, any defective parts covered by the warranty.

To obtain warranty service, you must provide a dated receipt for the product and may be responsible to pay for any shipping charges incurred to return the product to TipaTech when required.

None of the above warranties cover damage caused by improper use, improper installation or maintenance, accidents, acts of God, damage due to adverse weather conditions, or minor scratches or imperfections that do not materially impair the operation of the product. The warranties do not cover products that are not installed and maintained as outlined in the User's Manual.

This limited warranty outlines the exclusive remedy for all claims based on a failure of or defect in any of TipaTech products, whether the claim is based on contract, tort (including negligence), strict liability or otherwise. The warranty is in lieu of all other warranties whether written, oral, implied, or statutory. Without limitation, no warranty of merchantability or of fitness for a particular purpose shall apply to any of these products.

TipaTech does not assume any liability for personal injury or property damage caused by the use or misuse of any of the above products. TipaTech shall not, in any event, be liable for special, incidental, indirect, or consequential damages. TipaTech's liability shall, in all instances, be limited to repair or replacement of the defective product or part, and this liability will terminate upon expiration of the applicable warranty period.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

CUSTOMER SUPPORT

Please read the instructions in this manual carefully. After reading the manual, if you have any questions concerning the installation of your TipaTech T-18, please email us at support@tipatech.com

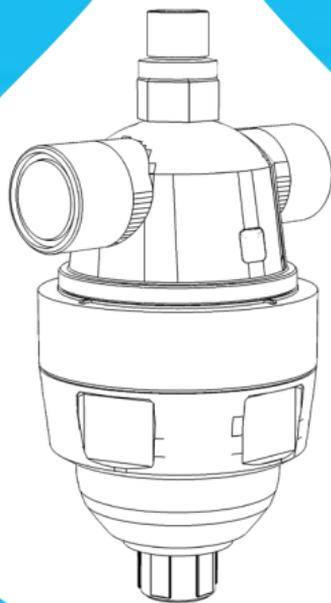
WATER IS THE DRIVING FORCE OF ALL NATURE

Tipa Tech built its company & reputation on innovative technology, ecologically sound & efficient water treatment that improves water quality & makes life better for all.

For more information visit us at WWW.TIPATECH.US



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The TipaTech holds NSF/ANSI 61 and 42
certificates also approved by:

www.tipatech.us

