



T-6

Introduction

Welcome to the Tana Water T-6, the home and small office water dispenser that gives you pure drinking water the smart way. The T-6 is an advanced user-friendly water purification solution that provides clear, pure and healthy water every time.

With a range of convenient features, the T-6 can be programmed to suit your requirements, for example:

- You may select exact water temperature (from ice cold to boiling hot) - page 9
- "One-Touch"-Pre set dispensing quantity - page 18
- You may choose the "energy saving" mode - page 14
- You may also put the unit into the "child safety" mode - page 15

In addition The filter and UV lamp are easily replaced (page 20). The T-6 is reliable and requires almost no maintenance or servicing (except for changing the filter and the UV lamp at pre-determined intervals). Nevertheless, in case of a system fault, we have included a Troubleshooting chart on page 23, or you may contact your local distributor. To avoid errors, make sure the T-6 is installed by a qualified Tana Water installer.

For further information visit: www.tanawater.com.

Enjoy your new fresh flowing water!

Tana Water

Manufacturer's Certificate of Compliance

Tana Water hereby confirms that the T-6 appliance complies with the requirements of Standard: CE, UL and WRAS standards.

All electrical components and materials used in the manufacture of these dispensers comply with international standards for use in a food / drinking water environment. The dispenser's chemical purification process absorbs chlorine (Class I, at least 75%), and provides Class B microbe purification against volatile organic compounds (VOCs).

Tana Water and its quality assurance system have been certified according to the international standard ISO 9001:2000.

Oren Grayfner
Quality Manager



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I. General View



1. Top Pad
2. Operation Panel with digital display screen
3. Water Spout
4. Folding Tray
5. Drip Tray
6. Bottom Pad
7. Tray Grid
8. Condenser
9. Heating System Switch
10. Power Cable Plug
11. water Inlet Port

2. Technical features

No	Features	Data	
		230 volts	115 volts
	Power supply		
1.	Electricity		
	Voltage	230V, 1 Phase	115V, 1 Phase
	Frequency	50 Hz	60 Hz
	Cooling Power Consumption*	100 Watts	100 Watts
	Heating Power Consumption	1800Watts	950Watts
	Current Consumption	8.5 A	9.5 A
2.	Cooling System		
	Tank Volume	1.6 liters	54 oz
	Cooling Capacity**	125 W	135 W
	Cold Water output***	40 glasses/hour	40 glasses/hour
	Cooling Temperature Range	5 -16 °C	40 - 60°F
3.	Heating Systems		
	Tank Volume	1.4 liters	47 oz
	Hot Water output***	80 glasses/hour	50 glasses/hour
	Heating Temperature Range	92-96 °C	198- 205 °F
4.	Purification		
	UV Lamp	11 Watts	11 Watts
	Activated Carbon Filter	0.6 micron nominal	0.6 micron nominal
	Anti Scaling Agent	Polyphosphates	Polyphosphates
5.	Water Inlet Pressure		
	Min	1.5 ATM	21 PSI
	Max	6 ATM	85 PSI
6.	Unit Main Sizes		
	Height	35 cm	13.7"
	Depth	35 cm	13.7"
	Width	29 cm	11.4 "
6.	Weight (Dry)	14 kg	30.8 lb

Maximum ambient temperature: +32 °C/90°F

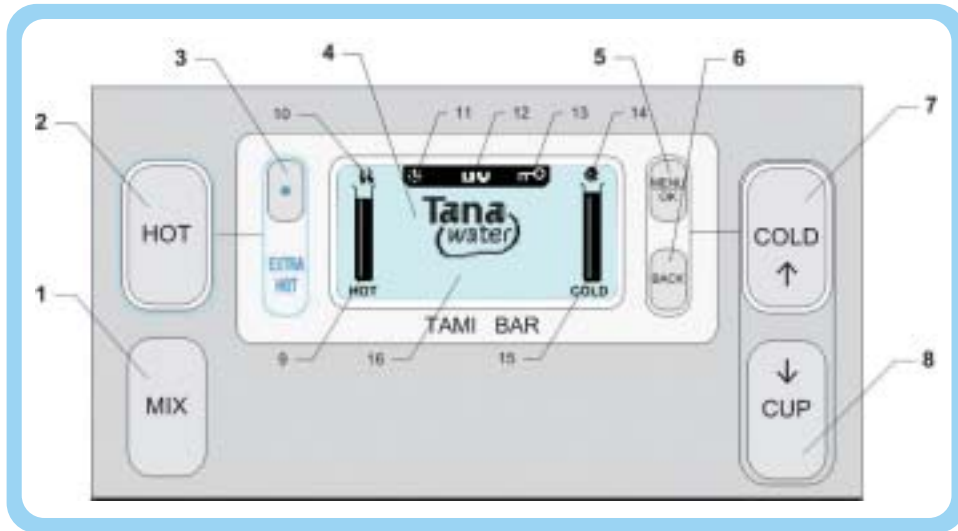
* - ASHRAE check point condition, Evaporating temp. = +7.2 °C/ 45 °F,

** - ASHRAE check point condition, Evaporating temp. = -5 °C/ 23 °F,

*** Water output capacity is measured in an environmental temperature that is no greater than +25 °C/ 77 °F, with the temperature of the water in the water system being no greater than + 22 °C/ 72 °F,

**** If the pressure is greater, a pressure regulator/reducer must be installed before the appliance. In sites prone to water shock, we recommend that protection - in the form of a Water Block - be installed.

3. Operation panel



1	"MIX"	Mixed water dispensing button (predetermined quantity and temperature)
2	"HOT"	Hot water dispensing button
3	"Extra Hot"	Extra hot button
4	DISPLY	Graphic display
5	"MENU/ OK"	for menu functions and entering menu selections
6	"BACK"	Back button (return to previous menu)
7	"COLD"	Cold water dispensing button Scroll up for menu functions
8	"CUP"	Cold Water dispensing button (predetermined quantity) Scroll down at menu functions
9	HOT WATER TEMP.	Hot water temperature indication bar
10	"Steam" symbol	Indicates that heating system is in operation Lights up when heater is ON
11	"Clock" symbol	Timer function indication Appears when automatic energy saving mode is ON
12	UV	UV system indicator
13	"Key" symbol	Child safety indication Appears when "child safety" mode is ON
14	"Snow" symbol	Indicates that cooling system is in operation Lights up when compressor is ON
15	COLD WATER TEMP.	Cold water temperature indication bar

4. INSTALLATION

4.1 General Instructions

The T-6 should be installed in a shaded and ventilated location, away from heat and on a hard leveled surface. The unit should be positioned at least 10 cm (4") from the back wall, 50 cm (20") from top and 40 cm (16") each side.

Please use only TANA approved fittings.

4.2 Connecting to water source

The water source must be not more than 5m (16 ft) from the unit.

Water pressure must be between 2 and 6 bar (30-90 psi).

The water line must be connected to the ball valve before the appliance is connected and the valve has must be placed within easy reach for maintenance purposes.

4.3 Preparing for Operation

The unit leaves the factory in "SHIPPING MODE" and must undergo the complete installation procedure before regular use to ensure water tanks are correctly filled and cleaned.

Place the filter cartridge into the filter housing (see page 17).

Make sure the Heating System switch (see page 5) is in OFF position.

Plug the unit into the electric power:

The system performs self-check (two beeps will be heard after 5-7 seconds).

after the second beep, the system will enter a semi automatic installation procedure.

Wait until the "Installation Completed" message appears on the screen, and then press the "OK" button.

The unit will not start to operate until the "Installation Completed" is confirmed by pressing "OK" button at the end of installation procedure.

**Setting boiling temperature

The Boiling temperature must be set manually if the unit is installed in a location at, or more than, 400 m (1300 ft) above sea level (for adjustment see page 12).

5. OPERATION

5.1 Water Dispensing



Cold water dispensing

Press and hold the “cold” button for continuous cold water dispensing. The “filling glass” icon will appear during water dispensing.



Predetermined cold water dispensing (cup)

Press the “cup” button for dispensing a predetermined quantity of cold water. The “glass” icon and quantity will appear during water dispensing. To stop water dispensing, press any button. To set water quantity, see paragraph 5.3.



Predetermined cold water dispensing (jug)

To dispense a large quantity of cold water, press the “cold” button and then press the “cup” button simultaneously. The “jug” icon and quantity will appear during water dispensing. To stop water dispensing, press any button. The quantity is set at the factory.



Hot water dispensing

Press and hold the “hot” button for continuous hot water dispensing. The “filling cup” icon will appear during water dispensing.

SAFETY NOTICE: please ensure nobody is touching the cup or glass when boiling water is being dispensed, and take care when picking up the cup.



Predetermined hot water dispensing (cup)

Press “HOT” button once for a predetermined quantity of hot water. The “hot cup” icon will appear during water dispensing. To stop water dispensing, press any button. To set water quantity, see paragraph 5.3.

NOTE: This function is not available if the “child safety” mode is active.



Extra hot water dispensing

Press the “Extra HOT” button to heat water up to near boiling temperature.

Wait until water reaches desired temperature and then press the “hot” button to dispense.



Hot water dispensing when “child safety” mode is ON

When the unit is in “child safety” mode, press the “HOT” button and then the “COLD” button simultaneously to dispense hot water.



Note: water dispenses until the “HOT” button is pressed.







Predefined room temperature water dispensing

Press “MIX” button to dispense water at a predetermined room temperature. The “glass” icon and quantity will appear during water dispensing. To stop water dispensing, press any button.

To set quantity and temperature, see paragraph 5.3.

5.2 System modes

There are three main system modes:






	<h3>I. Normal Mode</h3> <p>In this Mode, cold, hot, mixed and cup dispensing is possible.</p>
	<h3>II. Energy Saving Mode</h3> <p>In "Energy Saving" mode, you can use Cold//Mix/Cup functions by pressing "MIX" or "HOT" key. Hot water dispensing will begin when heater achieves 85°C. If "Extra hot" button is pressed, water will be heated until near boiling temperature. The unit will enter the "energy saving" mode automatically. To set the parameters of the "energy saving" mode, see paragraph 5.3.</p>
	<h3>III. Power Down Mode</h3> <p>In the "power down" mode, the cooling and heating systems are not in operation. The unit enters the "power down" mode automatically after a predetermined period or by using the Menu function "OFF".</p> <p>To exit the "power down" mode, press any dispensing button. Note: The clock continues to function in "power down" mode.</p>
	

5.3 Menu function

5.3.1. Setting clock and day

To set the clock, enter into "clock" sub-menu:


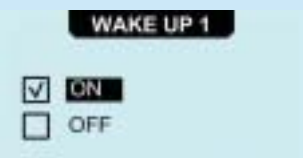



	<p>The current time setting and day will appear on the display. To select the clock or the day, use the scroll buttons "cold" and "cup". Press "OK" to enter the set menu.</p>
	<p>Setting the hour To change the hour, use the scroll buttons "COLD" & "CUP". Press "OK" to confirm.</p>
	<p>Setting the minutes To change the minutes, use the scroll buttons "COLD" & "CUP". Press "OK" to confirm.</p>
	<p>Setting the 24 hour - AM/PM clock mode To change setting, use the scroll buttons "COLD" & "CUP". Press "OK" to confirm. When the symbol "- -" appears, the 24 hours clock mode is activated.</p>
	<p>Setting the day To change the day, use the scroll buttons "COLD" & "CUP". Press "OK" to confirm.</p>

5.3.2. Setting the wake-up timer

There are two independent timers, which “wake up” the heating system from “sleep mode”. To set wake up timer, enter the “wake up” sub-menu:


MAIN MENU → **TIME & DATE** → **WAKE UP**

	<p>The current status of the wake-up timers will appear on the display. To select timer, use the scroll buttons “COLD” & “CUP”. Press “OK” to enter the set menu.</p>
	<p>Select “ON” to activate the timer or “OFF” to deactivate it.</p>
	<p>To change the hour and minutes, use the scroll buttons “COLD” & “CUP”. Press “OK” to confirm.</p>

5.3.3. Setting the energy saving mode timer

The “energy saving” mode timer automatically switches the heating system into “sleep mode” after a predetermined period of time. To set the “energy saving” mode timer, enter the “energy saving” sub-menu:

MAIN MENU → **TIME & DATE** → **ENERGY SAVING**

	<p>The current setting will appear on the display. To change the setting, use the scroll buttons “COLD” & “CUP”. Press “OK” to confirm.</p>
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5.3.4 Setting the automatic power down timer

The “power down” timer automatically switches the system “OFF” after a predetermined period of time. To set automatic “power down” mode timer, enter the “power down” sub menu:



POWER DOWN

AUTOMATIC
POWER DOWN **OFF**

The current setting will appear on the display.
To change the setting, use the scroll buttons “COLD”&”CUP”.
Press “OK” to confirm.

5.3.5 Setting the child safety mode

To activate the “child safety” mode, enter the “child lock” sub-menu:



CHILD LOCK

ON
 OFF

The current mode will appear on the display.
To change the mode use the scroll buttons “COLD”&”CUP”.
Press “OK” confirm.

5.3.6 Spout light option

To activate the spout light, enter the “spout light” sub-menu:



SPOUT LIGHT

ON
 OFF

The current option will appear on the display.
To change the option, use the scroll buttons “COLD”&”CUP”.
Press “OK” to confirm.

5.3.7 Clock view option

There are two main display option: the Tana Water Logo and the Clock.
To select the clock view, enter the "clock view" sub-menu:



CLOCK VIEW

ON
 OFF

The current option will appear on the display.
To change the option, use the scroll buttons "COLD" & "CUP".
Press "OK" to confirm.

5.3.8 Units

To select metric or imperial units of measurement, enter the "units" sub-menu:



UNITS

METRIC
 IMPERIAL

The current unit of measurement option will appear on the display. To change the option, use the scroll buttons "COLD" & "CUP".
Press "OK" to confirm.

5.3.9 Beep on key option

To activate the beep-on-key option enter the "beep on key" sub-menu:



BEEP ON KEY

ON
 OFF

The current option will appear on the display.
To change the setting, use the scroll buttons "COLD" & "CUP".
Press "OK" to confirm.

5.3.10 Language

To chose language, enter into "language" sub-menu:



The current language selection will appear on the display.
To change language, use the scroll buttons "COLD"&"CUP".
Press "OK" to confirm.

5.3.11 Restoring factory settings

To restore factory (default) settings, enter the "restore settings" sub-menu:



The current system status will appear on the display.
To change status, use the scroll buttons "COLD"&"CUP".
Press "OK" to confirm.
Default factory settings:

- child safety - activated
- automatic energy saving – 60 min
- automatic power down – OFF
- beep on key – OFF
- spout light - ON

5.3.12 Setting Cold water temperature (thermostat)

To set the cold water thermostat, enter the "cold water temp". sub-menu:



The temperature bar graphically indicates the cold thermostat setting.
To change the setting, use the scroll buttons "COLD"&"CUP".
Press "OK" to confirm.


5.3.13 Setting cold water quantity

To set cold water dispensing quantity (the "CUP" button), enter the "cold water quantity" sub-menu:



COLD WATER QTY

USE
COLD / CUP
TO SET TEMP
PRESS **OK**
TO CONFIRM



140 CC
(5 OZ)

The current quantity setting will appear on the display.
Quantity range 60 – 300 cc (2-10 fl oz)
To change quantity, use the scroll buttons "COLD" & "CUP".
Press "OK" to confirm.

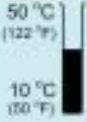
5.3.14 Setting MIX water temperature

To set MIX (predetermined temperature and quantity) water temperature enter the "mix water temp" sub-menu:



MIX WATER TEMP.

USE
COLD / CUP
TO SET TEMP
PRESS **OK**
TO CONFIRM



50 °C
(122 °F)
10 °C
(50 °F)

The temperature bar graphically indicates the mix water temperature setting.
To change the temperature, use the scroll buttons "COLD" & "CUP".
Press "OK" to confirm.


5.3.15 Setting MIX water quantity

To set MIX (predetermined temperature and quantity) water quantity, enter the "mix water quantity" sub-menu:



MIX WATER QTY

USE
COLD / CUP
TO SET TEMP
PRESS **OK**
TO CONFIRM



140 CC
(5 OZ)

The current quantity setting will appear on the display.
Quantity range: 60 – 300 cc (2-10 oz)
To change quantity, use the scroll buttons "COLD" & "CUP".
Press "OK" to confirm.


5.3.16 Setting HOT water quantity

To set hot water dispensing quantity, enter the “hot water quantity”, sub-menu:



HOT WATER QTY


USE
COLD / CUP
TO SET TEMP
PRESS **OK**
TO CONFIRM


140 CC
(5 OZ)

The current quantity setting will appear on the display.
Quantity range: 60-300 cc (2-10 Oz)
To change quantity, use the scroll buttons “COLD”&”CUP”.
Press “OK” to confirm.



6. Maintenance and replacement.

6.1 Emptying drip collector



Hot FULL Cold

Message will appear when the drip collector is full.


To empty drip collector:

Close folding drip tray (1) and wait few seconds until all the water has flowed into the drip collector.
Remove bottom tray panel (2)

Remove drip collector (3) and empty it.

6.2 Replacement

The Filter should be replaced every 6 months (about 2000 liters / 530 gallon of water).
The UV lamp should be replaced every 12 months.



The “Replace Filter” message will appear 6 months after
The last filter counter reset.

The “Replace lamp” message will appear 12 months after
last UV lamp counter reset.


6.3 Counters display

The filter and UV lamp current status may be displayed.
Enter “replacement” sub-menu to display and reset counters.


MAIN MENU → **REPLACEMENT**

6.4 Filter replacement

Filter replacement procedure:



1. Remove top pad.
2. Press the filter release button
3. Ease the filter out of the filter housing
4. Remove the filter by lifting upwards.



REPLACEMENT
TIME TO NEXT REPLACEMENT:
FILTER 180 DAYS
UV LAMP 360 DAYS
TO RESET COUNTERS **OK**

FILTER
RESET COUNTER
 YES
 NO

Note: Reset filter counter after installing a new filter

6.5 UV lamp replacement

UV lamp replacement procedure:



1. Remove the UV lamp cover (4)



2. Remove the lamp by lifting upwards
3. Insert the new lamp

Note: An alarm will sound when UV lamp is removed. the message “UV LAMP REMOVED REPLACE UV LAMP” will appear on the display. Water will not be dispensed when the lamp is removed.

Be sure to reset the UV lamp counter after replacing the lamp. The counter will automatically reset when “NEW LAMP INSTALLED” is confirmed.

7. Cleaning the appliance

To clean the unit, use only a soft cloth and warm, soapy water. To clean the operating panel, use only a dry, soft cloth.

The top and bottom trays are suitable for cleaning in a dishwasher. Do not use harsh detergents, concentrated liquid cleaners, solvents or any material likely to scratch the unit's casing (i.e. steel wool, etc.).

Please note: The unit is connected to an electrical source. Do not wet the back of the unit.

8. Weekends / Vacations

For safety reasons, if you plan not to use the machine for a day or more, please disconnect the appliance from its electrical source and close the water inlet port. After reconnecting, allow water to flow through the appliance for 5-10 minutes.

9. Warning * Safety * Service

Warning: Moving the appliance may cause flooding.

- * The T-6 model operates using a 230/115V Volt electrical current, and must be connected to a socket with a 10/12 Ampere fuse. During operation and maintenance, please take all safety measures required for operation of an electrical appliance.
- * This appliance dispenses water at a very high temperature – do not let children use it without adult supervision. The activation of a “Child Safety” mode is possible – please see the explanation on page 14, paragraph 5.3.5.
- * Warm water is dispensed through two different spouts. To pour warm water into a bottle with a narrow spout, please use a funnel, or first dispense the water into a container with a wide spout.
- * In the case of any announcements from the Water authorities or the Ministry of Health regarding water quality failure or fault, drinking water must be boiled and Ministry of Health instructions followed.
After any such water quality failure or fault is declared resolved, we recommend that the filter be replaced.
- * The water system is secure and the tanks are not pressurized and open (there are no valves between the hot or cold water tanks and the spout). Therefore, light dripping as a result of water flow is standard and to be expected.
- * During the filtration process, phosphorus ions are emitted into the water in volume lower than the maximal amount permitted by drinking water standards. We recommend that people with health issues consult a physician before using the system.
- * Maintenance and service of the dispenser must be performed by certified company service personnel. The manufacturer, Tana Water, relinquishes any responsibility for injury or damage to property as a result of improper use or maintenance of this appliance.

For further information, explanations regarding operation and care, contact your local distributor.

10. Troubleshooting

Your water dispenser is extremely reliable, and requires almost no maintenance and service, except for the replacement of the filter and the UV lamp at predetermined intervals. Before you schedule a visit by a technician, please consult the following table to ensure that you are experiencing a system fault, and not a problem with electricity or water supply.

Fault	Possible cause	Action to take
No water flow	<ul style="list-style-type: none"> • Dispenser is not plugged in to an electrical socket • Faulty electrical socket • The main water supply is closed • There is a water stoppage 	<ul style="list-style-type: none"> • Ensure dispenser is plugged in to an electrical socket • Check that socket is operating properly by plugging in a different appliance • Open the water faucet • Check other faucets for water flow
No hot water flow or water not hot enough	<ul style="list-style-type: none"> • The heating system is not activated • sleep mode is active • Abundant hot water consumption 	<ul style="list-style-type: none"> • Ensure the heating system switch at the rear of the dispenser is in position "1" – active • Wait 5-10 minutes and check again
No cold water or water not cold enough	<ul style="list-style-type: none"> • Cold water temperature setting is too high • Abundant cold water consumption 	<ul style="list-style-type: none"> • Check the cold water temperature setting • Wait 30 minutes and check again
Leaks	<ul style="list-style-type: none"> • Drip Tray full • Leaks from the appliance itself 	<ul style="list-style-type: none"> • Empty the drip collector • Disconnect the dispenser from the power source, close the water inlet port and call a service technician
Aftertaste	<ul style="list-style-type: none"> • New appliance • Appliance has not been used for a long time • Filter not replaced on schedule 	<ul style="list-style-type: none"> • Let water flow through the appliance for 10-15 minutes • Replace the filter • Replace the filter