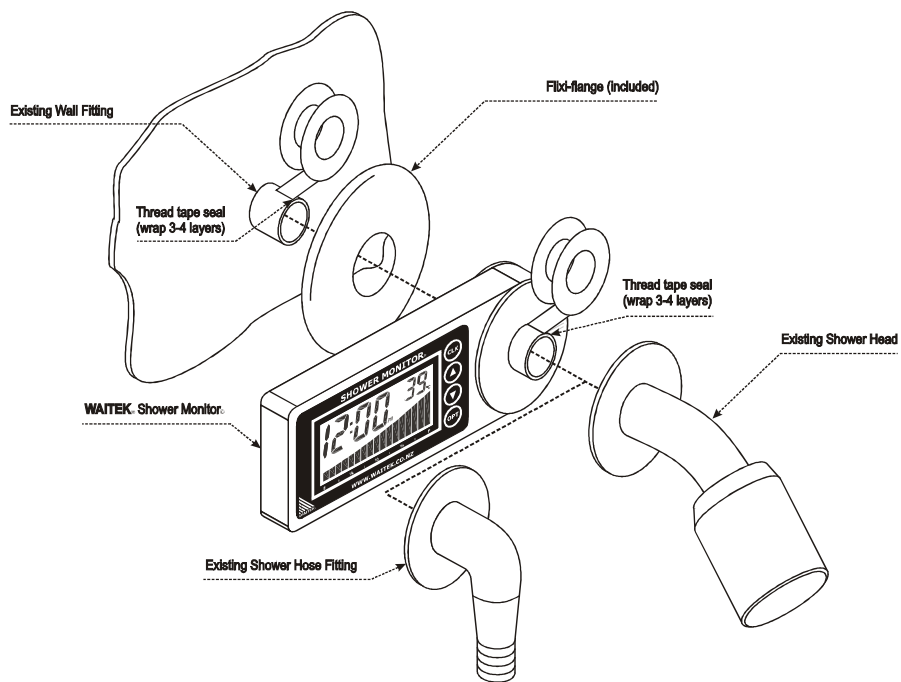




WAITEK® Shower Monitor® Installation

- 1) Unscrew your existing shower rose or shower hose connection and remove the existing wall flange (if present).
- 2) Renew the thread seal tape (available at most good hardware and plumbing stores) on your existing ½ inch BSP wall fitting and fit the supplied Flexi-Flange.
- 3) Using the case as a lever screw your WAITEK® Shower Monitor® onto the ½ inch BSP wall fitting taking care not to damage the shower wall surface. Tighten the Shower Monitor to a firm horizontal position.
- 4) Apply thread seal tape to the ½ inch BSP fitting on the front of the WAITEK Shower Monitor and reattach the existing shower rose or shower hose wall connection.
- 5) Adjust the shower mixer valve to full pressure at normal temperature, check for water leaks and fix if necessary.
- 6) To set the digital clock press the "CLK" button. Use the "UP" and "DOWN" buttons to set hours, press the "CLK" button again to set minutes, press "CLK" button a final time to zero the seconds and finish.

Installation complete!



WAITEK® Shower Monitor®: "The intelligent way to save water and energy!"
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Notes:

The WAITEK® Shower Monitor® is supplied with an internal battery that has an expected life of up to 7 years. To conserve the battery, the WAITEK® Shower Monitor® display will be blank while the shower is not in use. Should the battery need changing, please take your WAITEK® Shower Monitor® to your nearest service agent.

By default the WAITEK® Shower Monitor® is configured for a shower time of 8 minutes at a temperature of 38°C with a flow of 8 LPM (litres per minute). Increasing shower temperature and/or flow as you shower will cause the bar graph display to decrease faster (you will get a shorter shower).

Important: The purpose of a WAITEK® Shower Monitor® is to help families reduce water and energy costs by providing the information necessary for family members to shower efficiently.

A WAITEK® Shower Monitor® does not control the shower in any way.
A WAITEK® Shower Monitor® puts you in control!

WAITEK® energy tip:

The more bars remaining on your WAITEK® Shower Monitor® bar graph when you shut off the shower, the greater your hot water savings!

WAITEK® energy facts:

- Hot water accounts for approximately 30-50% of the average domestic energy cost.
- Halve the shower flow and you halve your shower hot water cost!
- Halve your shower time and you halve your shower hot water cost!
- Halve both your shower flow and time and you can reduce your shower hot water cost by up to 75%!
- Even lowering your shower temperature by 2°C will save you up to 6% of your hot water cost!

Benefits of owning a WAITEK® Shower Monitor®

- The WAITEK® Shower Monitor® bar graph indicates how much of the allocated hot water you have remaining.
- The WAITEK® Shower Monitor® digital clock helps you manage your time.
- Setting the tamperproof alarm (through the use of the security feature) encourages teenagers to have energy efficient showers – fewer cold showers for parents!
- The WAITEK® Shower Monitor® digital thermometer helps you control temperature for a more energy efficient shower.
- Sophisticated software helps you monitor and reduce your water and energy costs.



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WAITEK® Shower Monitor®: Advanced Options

Press the "OPT" button once to display the current water flow in litres per minute (LPM) and temperature for 1 minute, or press the "OPT" button again to return to normal display. To access the Advanced Options hold the "OPT" button down for 3 seconds. Simply step through the WAITEK® Shower Monitor® options by repeatedly pressing the "OPT" button, and change the values using the "UP" and "DOWN" buttons. Changes made to the Advanced Options will become active for the next shower.

If no buttons are pressed for 15 seconds the Advanced Options will time-out and the WAITEK® Shower Monitor® will return to normal display. If your WAITEK® Shower Monitor® is locked you will be required to enter the correct four-digit password to access the advanced options (see below for more about this security feature).

Your WAITEK® Shower Monitor® has been pre-programmed with the default settings listed below. You can modify these settings to use your WAITEK® Shower Monitor® to encourage even more efficient use of energy and water in your home!

Duration (dur) = 8 minutes

This value is the time it will take for the bar graph to run out at the specified flow and temperature (see below for instructions on how to adjust these). For an energy and water efficient shower a time of 8 minutes or less is recommended.

Temperature (°C) = 38 °C (default)

This value is set as the normal shower temperature. Lowering the actual temperature as you shower (by using the mixer tap on your shower) will cause the shower time shown on the bar graph display to decrease slower (you get a longer shower!), and raising the actual temperature above this value will cause the bar graph display to decrease faster (you get less shower time). For example, at the 38°C default setting, a 41°C shower will reduce the shower time by approximately one minute.

Flow (FLo) = 8 LPM (litres per minute)

This value is set to the normal flow rate of the shower. By modifying the actual flow rates as you shower, the WAITEK® Shower Monitor® will adjust the shower time accordingly. The normal range is 6 - 10 LPM.

Sound level (Snd) = "Hi" (default: loud continuous sound), "Nor" (normal volume continuous sound), "Lo" (low volume single beep - hotel mode) or "OFF".

This value sets the beeper volume for the "end of shower alert". This option is extremely useful when used in conjunction with the security option below. Shower users who regularly have prolonged showers are encouraged by the beeper to be more hot water efficient.

Delay (DEL) = 2 minutes (default), range from 0 to 9 minutes

This value is the delay in minutes between showers before the unit will automatically reset ready for the next user. This feature allows extremely efficient "military style" showers. A military style shower is when you turn the water flow down or off while you lather and back to normal flow when you rinse. The WAITEK® Shower Monitor® will continue its countdown where you left off if the shower is turned back on within the delay period. Reduce this value if a shorter time between different shower users is required.

Password (PAS) = "OFF" (default) or "ON"

To activate the security feature, and hence lock the Advanced Options with a four-digit password, press the "UP" button once to display "PAS ON". Then press the "OPT" button to set the first digit of the password. Use the "UP" and "DOWN" buttons to select the first digit (either "0", "1" or blank). Press the "OPT" button again to set the next digit of the password (a number between "0" and "9" or blank), and repeat for the remaining two digits. Please write down the password you have entered and keep it in a safe place.

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Trouble shooting

Problem: Alert sounds too soon!

- Solution: Actual temperature is too high – shower at a lower temperature, or increase the temperature to your preferred setting in the WAITEK® Shower Monitor® "°C" option (see "Advanced Options").
- Solution: Actual water flow is too high – reduce the mixer flow as you shower, or increase the flow setting in the Shower Monitor (FLo) option.
- Solution: 8 minutes is not enough time – try a military style shower (see above), or try fine tuning your shower method, or increase the time setting in the Shower Monitor (dur) option.

Problem: The bar graph doesn't go back to full between showers!

- Solution: Shower delay is set too long – reduce the delay value in the WAITEK® Shower Monitor® (DEL) option.

Other great ways you can save on your hot water bill

- Up to 60% of your hot water expenditure is wasted by poor insulation around storage tanks and pipes. Consider wrapping them in purpose designed materials, available from your local hardware store.
- Turn off your hot water heater if you are going to be away for more than three days.
- Check the temperature setting of your hot water storage tank, it may be set higher than your needs require. For many households, a setting between the "Low" and "Medium" markings is adequate. An optimum temperature for hot water storage tanks is around 60°C; a temperature above 50°C is required to prevent bacterial growth. If you have an instantaneous hot water system, set it no higher than 50°C.
- If your hot water system is more than 15 years old, consider replacing it with a new, more efficient system.
- Cold laundry washes are generally adequate for most household needs. Only do hot laundry washes if absolutely necessary, and try to minimise the number of hot loads by waiting until the machine is full before starting it.
- Don't forget to maintain your hot water system, and have it serviced regularly according to the manufacturer's recommendations.

WARRANTY

1. This product is guaranteed against defects in material or workmanship under normal domestic use, for a period of twelve months from date of purchase.
2. To obtain service under guarantee the product should be returned to the supplier.
3. Proof of purchase must accompany the product.
4. Except as otherwise provided for by law, this guarantee becomes invalid if in the opinion of the Company or it's agents, the product has been misused, abused, damaged in transit, incorrectly installed or tampered with by unauthorised persons. This does not affect your rights under the Consumer Guarantees Act.

Thank you for choosing a WAITEK® Shower Monitor®!

WAITEK® is a registered trademark of Waitek Limited.
The WAITEK® Shower Monitor® has been granted provisional patent #537548/540887
and New Zealand Registered Design #406479, World Patents Pending.

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