



THORNE AND DERRICK UK – LEAK DETECTION
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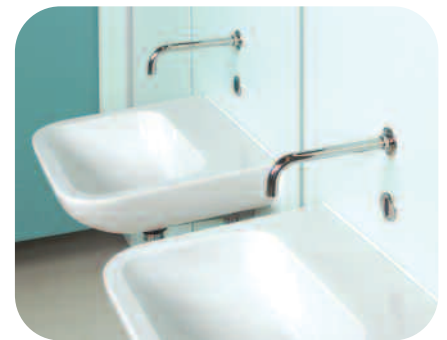


infrared taps

novatap and novaspout



save water, promote hygiene and
reduce maintenance costs



- Hands-free infrared basin spouts
- Automatic shut-off: no drips or taps left running
- Improve water and energy efficiency
- Easy to use: ideal for less-abled or elderly
- Hygienic: reduce risk of cross-contamination
- Available in 5 litres per minute and 3.5 litres per minute models
- Mains and battery powered options included
- Vandal resistant
- Easy to fit in new installations or retrofits



The **novatap** is a contemporary deck-mounted chrome basin spout with an infrared sensor, control unit and valve integral in its body making it extremely simple to install.

The **novaspout** is an elegant panel-mounted polished stainless steel basin spout supplied with an infrared sensor control unit and valve.

The Water Regulations require that the flow rate of a tap does not exceed 3.6 litres per minute where basins have no plug. The 3.5 litres per minute model therefore ensures that this spout is compliant in such applications.



how it works

The flow of water from the **novatap** and the **novaspout** is turned on when the user presents their hands to the infrared sensor which is located on the lower section of the **novatap** body or is positioned below the **novaspout**. No contact is required. When the user's hands are moved away the flow of water stops after a 2 second delay.

product description

- Robust design and build quality make the **novatap** and **novaspout** ideal for hard use environments where the less-abled or elderly may find it difficult to operate conventional taps.
- The **novatap** and **novaspout** are particularly useful where hygiene issues coupled with water and energy efficiency are paramount.
- Both the water flow run-on time and the sensor range between the tap and the user's hands are fully adjustable.
- The **novatap** and **novaspout** automatically switch off after 60 seconds of continuous flow preventing any water wastage if there is attempted vandalism.
- To prevent the potential build up of stagnant water, which can create legionella bacteria growth, the tap incorporates a hygiene rinse option which operates 12 hours after the last use of the tap.

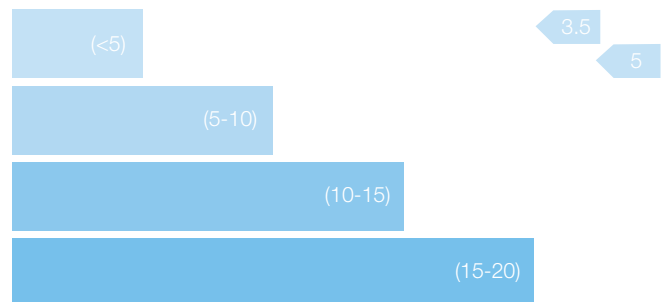


reducing water wastage

On average, basin taps deliver 8 litres of water per minute (BMA). Installing a Cistermiser 3.5 litre per minute **novatap** or **novaspout** can save up to 6 litres per use, saving over 80% during a 12 month period.

Water Efficiency Rating

very water efficient



not water efficient

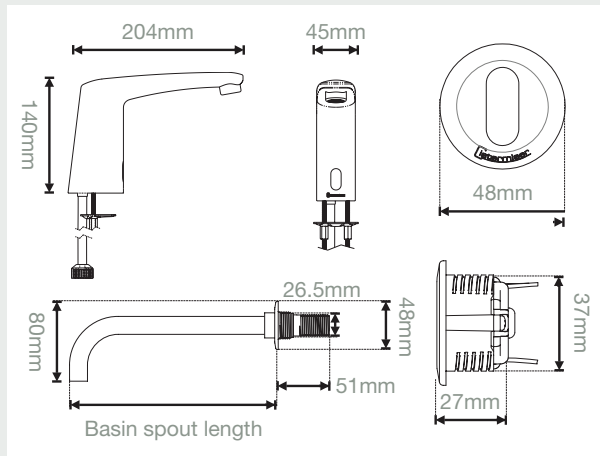
Note: in 1,000s of litres



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installing a novatap or novaspout



- The **novatap and novaspout** can be powered by either mains or batteries with both options included as standard. Where batteries are fitted the **novatap and novaspout** have a low battery warning indicator. When battery power fails the tap defaults to the off position.
- Also available is a multi product power supply unit (PSUC) which provides power for up to 20 taps. (Only 1 fused spur required).
- Additional customised settings are obtainable via a hand held remote control Infrared Configuration Unit (ICU) which is available as an optional extra. The remote controller enables rapid automatic configuration to the specific washroom dimensions and deactivation of the hygiene rinse function.

technical information

3.5 litres per minute

The Water Regulations require that the flow rate of a tap does not exceed 3.6 litres per minute where basins have no plug. Therefore the 3.5 litres per minute limit means that this spout ensures compliance in such applications. This tap is non-aerated and thus suitable for high risk applications such as medical facilities and care homes where the risk to users of Legionella and other water carried respiratory contracted viruses/bacteria is high.

aerators / nozzles

novatap and novaspout 5 litres per minute are supplied with a high tech Neoperl® Caché® Perlator® Honeycomb aerator as standard.

- Unique single piece outlet design inhibits lime scale build up.
- Integral anti-clogging dome screen filters sediment & particles.
- Patented design provides well aerated, soft to touch splash free stream.
- Pressure compensating flow limited to 5 litres per minute.

novatap and novaspout 3.5 litres per minute are supplied with a Neoperl® Caché® Perlator® Honeycomb laminar nozzle.

- Spray aerators are particularly suitable for low flow conditions and reducing water consumption in public areas.
- Non-aerated non-splashing laminar stream.
- Pressure compensating flow limited to 3.5 litres per minute.
- External battery pack or transformer mounted below deck.

specification wording

novatap & novaspout – 5 and 3.5 litres per minute

The mechanical contractor shall supply and install hands free, infrared activated deck-mounted (**novatap**) or panel-mounted (**novaspout**) to all wash hand basin outlets. The units shall be for single water supply; either cold or temperature controlled hot water and will incorporate a pressure compensated flow regulator.

The unit will be programmable for sensing range and run on duration. The unit will also have a periodic hygiene rinse function to minimize bacterial infection such as Legionellae and have a cleaners function for routine janitorial servicing.

The touch free basin spout is to be suitable for connection to either 230V 50Hz AC single phase supply or from 4 x 1.5V alkaline batteries of type LR6. For multiple product installations the device is to have the option of being installed with a common power supply unit PSUC capable of powering several units from one 230V fused spur.

novatap or novaspout – 5 litres per minute

A flow of 5 litres per minute for compliance with BREEAM Wat1.

novatap or novaspout – 3.5 litres per minute (BREEAM Healthcare Wat4 compliant)

A flow of 3.5 litres per minute for compliance with BREEAM Wat1 for use with open waste basins in healthcare applications.

The unit should be the Novatap or Novaspout as manufactured by: Cisterniser Limited
Unit 1, Woodley Park Estate, 59 – 69 Reading Road,
Woodley, Reading, RG5 3AN Tel: 0118 969 1611

product codes

Novatap 5 litres per minute	NT
Novatap 3.5 litres per minute	NT/3.5L
Novaspout 5 litres per minute	NS/5L
Novaspout 3.5 litres per minute	NS/3.5L