

# The V<sub>2</sub>O Digital Shower

Touch Sensitive Showering



 Touchtile®

A Beautiful Sense of Touch





## INTRODUCTION

At Touchtile we realise that the sense of touch, being a very important human quality, should be part of the bathroom experience. Touchtile have developed the technology that allows a person to control the water with a single touch, through a touch sensitive LCD screen. The V<sub>2</sub>O is the world's and Touchtile's first touch sensitive digital shower that has been launched into the market place. Several years developing the beautiful user interface and the technology to make it work, has resulted in an engaging product that integrates seamlessly with water.



# A BEAUTIFUL SENSE OF TOUCH

## ADVANTAGES OF THE V<sub>2</sub>O

- Touch sensitive water temperature and flow control
- News feeds
- Online social networking
- Multimedia capabilities
- Wireless internet connection
- Wireless Zigbee connection to a Valve Control Unit (VCU)

All have been combined to create a unique shower experience.

## CUSTOMISABLE

The V<sub>2</sub>O can be customised to display the branding for example of a hotel. It can have a custom wall paper as the background, remember a customers favourite settings, show events in and around a hotel and even allow someone to purchase breakfast off the screen in the morning.

infinite control of the temperature and flow rate  
beautifully, effortlessly and reliably







## COMPANY

Touchtile's founding director, Patrick Conroy, incorporated Touchtile Ltd in 2005 to research and develop a touch sensitive way of turning water on in the bathroom and kitchen. The technology gives the user the ability to turn water on at the temperature and flow rate they desire, with a single touch. Touchtile's patented technology is unique, and has a distinct commercial advantage over other digital shower and tap manufacturers with its single touch feature. This unique intuitive feature has the capability to become the standard way people control water. Whether it's a digital shower or bath, bathroom basin tap or kitchen tap, or even a spa - all can be controlled in exactly the same way with Touchtile's single touch technology.

## CURRENT DEVELOPMENTS

Touchtile is currently completing the final phase of the V<sub>2</sub>O development. The V<sub>2</sub>O touch sensitive controller is currently being made to be manufactureable and the valve control unit is in its final phase of development to begin testing at a WRAS approved testing facility to obtain TMV2 and TMV3 certification for the hotel and healthcare industry sectors. The V<sub>2</sub>O will be available in Q1 of 2014. Full specifications of the V<sub>2</sub>O will be available in December 2013.

## OUR FUTURE

Future products to be developed by Touchtile include a digital tap with the same single touch technology as the V<sub>2</sub>O Digital Shower. The V<sub>2</sub>O range will then be completed with the ability to be used in the kitchen sink and bathroom basin as well as the shower and bath.

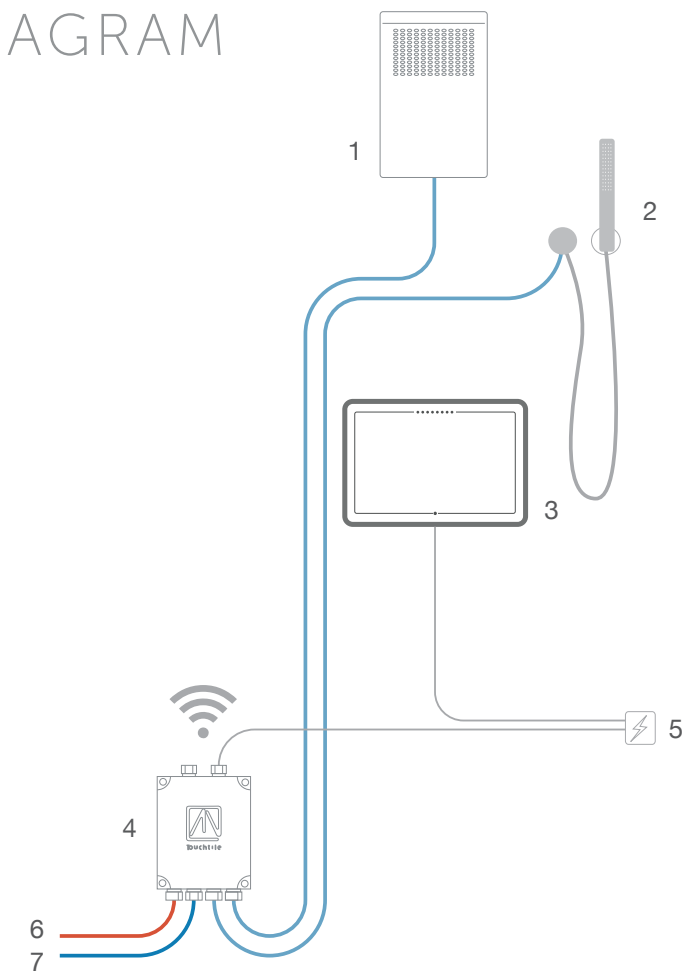
We plan to become the leading brand in the bathroom industry. Having patents granted in China, Australia and the USA, with patents pending in Europe and India. Touchtile is in a fantastic position to change the bathroom industry and make touch sensitive control of water standard throughout the world.

## SYSTEM SPECIFICATIONS

- Continuous selection of temperature from 0°C to 43°C in 0.1° steps
- Continuous flow rate selection between slow and fast
- Thermostatic temperature control to +/- 0.1°C
- Scalding protection
- Audio and visual feedback of temperature and flow rate selection
- Automatic shutdown when power is lost
- Clean mode (disables water to enable cleaning of the V<sub>2</sub>O)
- 3 meter mains electrical cable as standard (longer lengths made to order)
- G1/2" BSP pipe connections
- 3 bar recommended water pressure on hot and cold inputs (3 bar produces 23 litres per minute flow rate)
- Min pressure 1.0 bar, Max pressure 5.0 bar
- Wireless internet connection to the V<sub>2</sub>O controller
- Zigbee wireless connection between the V<sub>2</sub>O controller and the valve control unit

## SYSTEM DIAGRAM

1. Main Output
2. Secondary Output
3. V2O Touch Sensor
4. Valve Control Unit.
5. Mains power
6. Hot water supply
7. Cold water supply





# THE V<sub>2</sub>O RANGE

---



Touchtile Ltd

Unit 3, 194 High Street, Newmarket, UK, CB8 9AP

Tel: +44 (0)7970 978851

[pconroy@touchtile.com](mailto:pconroy@touchtile.com)

[www.touchtile.com](http://www.touchtile.com)