

## Ambient sensor reduces waste

Sensazone, from 'water management experts', Cistermiser, is a system designed 'as a simple yet effective way of controlling the water supply and lowering energy usage, while maintaining safe, hygienic washroom environments'.

Visitors to the washroom are detected by infrared sensors, which then automatically switch on the lights and ventilation, as well as the water supply. An ambient light sensor feature turns on the lights only when natural light levels are too low, again to lower energy usage.

Cistermiser says: "For large healthcare facilities with 2-3 washrooms on each floor ('gents', 'ladies', and disabled), such systems' ability to control individual washrooms across different floors – simply switching the facilities on and off remotely – can be a major selling point."



## 'Clean water' treatment

Tarn-Pure says its system 'employs well-proven technology through a unique copper-silver ionisation process which releases validated, efficacious quantities of copper and silver ions into the water storage/distribution circuit, providing environmentally friendly, cost-effective protection against *Legionella*'.

The company said: "Copper / silver ionisation is environmentally and sustainably preferable to thermal or chemical modalities, and provides a retentive, residual treatment which can remain effective throughout the system for periods of static flow. The HSE ACoP L8 document stipulates the exact criteria by which this technology should be monitored and maintained, an integral functionality of the Tarn-Pure system."

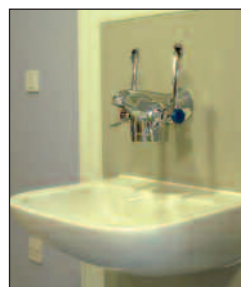
Tarn-Pure's wide selection of copper-silver ionisation systems are suitable for applications including care homes, hospitals, and other healthcare facilities.

## Thermostatic taps for new hospital

The New South Glasgow Hospitals Project, currently under construction by Brookfield Multiplex for NHS Greater Glasgow and Clyde, will give Glasgow one of the UK's most advanced adult acute services, and will be Scotland's biggest critical care complex – a 1,109 bed adult acute hospital adjoining a 256-bed children's hospital.

Horne Engineering's Building Better Healthcare award-winning Optitherm thermostatic tap and TSV1-3 surface-mounted shower panels have been selected by NHS Greater Glasgow and Clyde and the project team.

Clinical areas are practically laid out with Optitherm taps serving, sometimes back to back, clinical washhandbasins



and sluice troughs. Assisted WC and shower rooms off the main ward area feature a specialised Horne thermostatic shower panel with pipe-cover, hose, HTM 04-01-compliant single function handset, and BS 8300-compliant lever controls, which enable greater independence for the user.

Horne says the Optitherm and shower panels were chosen 'owing to the many benefits embedded in their practical designs, which assist infection control, ensure safe surface temperatures, simplify installation, cleaning, and maintenance, and exceed stringent healthcare performance regulations'.

The finished South Glasgow Hospitals will contain approximately 3,300 Optitherm taps and 1,200 TSV1 shower panels.

## Wetrooms for the care environment

A new range of assisted wetrooms suitable for care settings has been launched by Gainsborough Specialist Bathing, complementing its selection of baths and recently launched shower modules.

Suitable for new-build or refurbishment projects, each wetroom incorporates a wet deck area with level access and slip-resistant flooring in a variety of colours, 'maximising accessibility and safety'. A range of decorative wall panelling is also available in seven attractive finishes.

Gainsborough's wetroom system is



available with a flat shower screen or half-height shower doors that include MicroGuard antimicrobial protection technology. There is a choice of TMV2 and TMV3 shower units, or a BEAB Care Approved electric care shower with thermostatic controls. An integrated, soft-touch padded shower seat with

folding armrests and fluted grab rail, enable carers to perform hygiene routines in a safe, efficient manner, while the option of a mobile shower chair 'facilitates seamless client transfers in and out of the bathing area'.

## TMVs 'protect against thermal shock'

Pegler Yorkshire's new Tectite thermostatic mixing valve series 'combines the latest in metal push-fit technology, with the ultimate protection against hot water scalding and thermal shock'.

Offering connectivity to copper, stainless steel, and PE-X and PB, the Tectite TMV also benefits from 'additional push-fit advantages' such as installed cost savings, as joints are made 'in a fraction of the time, heat-free'.

The Tectite TX405 series in-line TMVs are combined TMV3 and TMV2 compact mixing valves that meet NHS Model



Engineering Specification DO8 requirements, and are Buildcert-approved.

The valves incorporate a single purple cap which includes the TMV3 and TMV2 logos.

Pegler Yorkshire added: "The new valves retain ease-of-service advantages, and now

also offer Tectite connection for pipe sizes from 15 to 22 mm. The full Tectite TMV series is supplied with strainers and non-return valves, and offers a screw-fixed tamper-proof cap to prevent unauthorised adjustment of the valve temperature setting. The valves are supplied with union connections."

## Ponte Giulio's 'UK landing'

Ponte Giulio, one of Europe's largest manufacturers of disabled products for bathrooms, has opened a warehouse and offices in Hove, East Sussex, 'after over 30 successful years in Europe'.

The Italian manufacturer says its plan is 'to bring a unique and stylish accessible bathroom range to the UK market, rather than the usual clinical and functional ranges available from other manufacturers today'. The company said: "The evolution of our product range has led to a specialism in products that are more aesthetically pleasing than other accessible bathroom products. Our range is appropriate for hospitals, nursing homes, hotels, and other commercial and residential uses."



## Conference offers intriguing insights

The Water Management Society promises that its next conference, 'Fifty Shades of Water Management', on 16 and 17 June, will be 'an informative and entertaining two-day event, with presentations and workshops throughout'.

The Society explained: "The programme will offer intriguing insights into topics including water engineering, microbiology and chemistry, rapid testing, closed systems, the Health & Safety Executive, facilities management and other water systems, all delivered by experts." The Water Management Society's AGM and dinner will be held on the evening of 16 June, with Dr Lisa Ackerley, chartered environmental health practitioner, the after-dinner speaker.

The Water Management Society is a not-for-profit organisation that provides expertise, advice, and guidance, and promotes knowledge sharing, on all aspects of water system management, conducting in-depth City & Guilds-accredited training courses, and undertaking practical assessment of those whose job involves water management, hygiene, and safety.

## Facing up to an ageing population

By 2050, the average age of European citizens will increase from 39 to 49, water controls and sanitary equipment specialist, Delabie, points out.

The company adds: "The number of dependent, elderly people is expected to increase from 26% of the population in 2010 to 53% in 2060. Care providers must prepare to meet this demand, adapting premises to meet Doc M Building Regulations. Care sector premises should provide accessible showering, while WCs should incorporate a wall-mounted shower seat; support rails to enable transfer to and from wheelchairs; a utility space allowing wheelchair access, and a full turning circle. All equipment must be accessible



from a seated position."

Delabie's complete range of grab bars, shower seats, and accessories, enable access in bathrooms, toilets, and showers. Available in white and blue, they provide a clear visual contrast with light or dark wall finishes. The company explained:

"Durability is paramount,

since equipment must withstand intensive use, and often misuse. Delabie support rails and shower seats provide adequate support, and fixings that will withstand an adult's weight without pulling away from the wall. Meeting Doc M requirements is straightforward, since solutions already exist that meet the installation's spatial needs."

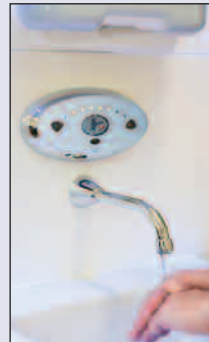
Delabie offers 'special packs' which meet Doc M recommendations.

## Rada makes sense for Aintree Trust

Rada, the 'pioneer of digital washroom technology', is supplying its Rada Sense clinical washroom controls to Aintree University Hospital NHS Foundation Trust in Liverpool.

Rada Sense Washbasin and Rada Sense Shower concealed digital mixing valves are being installed in a number of wards at the teaching hospital.

Rada Sense combines 'hygienic non-touch control' of both 'on/off' and temperature, with programmable maximum, minimum, and default



temperatures. Rada adds: "It allows for the highest standards of washroom hygiene, assisting in the control of *Legionella*, with key features including automatic 'duty flushing' and supervised thermal disinfection; the latter can be data-logged."

Christopher Dean, project manager at Aintree University Hospital NHS Foundation Trust, said: "We have chosen Sense to assist with our domestic water

system flow and return arrangement and flushing regime, which benefits the hospital by saving the resource of manually flushing each of the taps."

## Showing a softer side

Bristan has launched 'the market's softest touch timed-flow taps to date'.

'Ideal' for healthcare applications, the new soft-touch push-button range requires 'only a very light touch' to operate, making the taps 'especially suitable for use where very young, old, or less able people, are accommodated'.

An integrated time flow valve restricts use to a 9-20 second shut-off period after activation. Bristan adds: "The result is vast scope for water savings and assured

BREEAM compliance when the included six litre/min flow regulator is fitted.

The risk of flooding from taps being left running is also eliminated."

Chris Tranter, product manager, said: "Inherently, many previous push-button, automatic shut-off taps have been very

difficult to press. With several sleek, smart designs, the new soft-touch tap range is the ultimate choice for healthcare providers, schools, leisure centres, and all public places where duty of care and sustainability are imperative."

