

ADVANCED RADA SENSE WATER CONTROL SYSTEM OFFERS HIGH PERFORMANCE AND GOOD LOOKS FOR THE LEISURE SECTOR.

With its introduction of the Rada Sense electronic water control system, Rada, the Commercial shower and washroom division of Kohler Mira, has developed groundbreaking technology for showers, basins, baths, bidets and bath/shower mixers in applications such as hotels, health clubs, spa's, gymnasiums, schools, colleges and the healthcare sector.

Rada Sense brings a whole new look to washrooms, showers and bathrooms with its aesthetically pleasing chrome plated no-touch control panel supported by a range of high quality fittings, ensuring it looks as much at home in a new, state-of-the-art hotel as in a sports club or leisure centre.

Entirely UK designed, the Rada Sense offers a unique combination of safety, hygiene and absolute thermal control and even features an inbuilt thermal disinfection cycle to ensure that risks of infection and contamination from water borne bacteria are minimised. There is also an automatic duty flush function, the frequency of which can be increased or reduced to suit individual site requirements.

At the heart of Rada Sense is its concealed electronic mixing unit, which, by using Rada's unique T-logic® technology and custom-developed software, offers the facility manager the capability of adjusting pre-set water flow and temperature parameters to suit a particular application need as required. The mixing unit is supplied factory-set to comply with TMV3 safe temperature settings for hospitals.

This promotes safety in areas where users are vulnerable or where there is a duty of care to the young, infirm or less able.

As Roy Minett, Commercial Marketing Manager of Kohler Mira explains, the Rada Sense addresses a number of health and safety issues that can adversely affect leisure establishments and their safe storage and delivery of hot water for washing and showering.

“In such establishments it is important to adopt best practice with regard to legionella. It is a well-known fact that the risk of legionella breeding rises when peripheral outlets are not in regular use and where 'dead legs' occur. The Health and Safety Commission's 'Approved Code of Practice L8' advises that flushing through these outlets for several minutes can significantly reduce the numbers of legionella discharged from the outlet.

“The Rada Sense duty flushing facility can be programmed to automatically perform duty flushing on peripherally located baths, showers or basins at hourly, daily or weekly intervals, whichever is appropriate.

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“The Health and Safety Commission's 'AcoP L8' also recommends routine thermal disinfection as a means of preventing or controlling legionella. This can be achieved by activating the Sense thermal disinfection facility that under supervision allows hot water at a temperature of at least 60°C to be flushed through the electronic mixing valve and all outlet pipe-work. Of course, this is simply not possible where conventional TMV's are fitted,” Roy Minett adds.

Rada Sense offers a unique combination of safety, hygiene and absolute thermal control using groundbreaking technology that exceeds TMV3 performance levels and satisfies the demanding IEC61508 standard.

IEC61508 is an internationally recognised standard for electrical and electronic equipment that is used to provide a safety function. .

Finally, as Roy Minett adds, the day-to-day needs of the facilities operator have been an important part of the Rada Sense development.

“As with all of its new generation of thermostatic products, at Rada we strive to make life easier for the installer and operator,” he explains. “As such, any adjustment to the Rada Sense settings and routine maintenance checks are undertaken from the front of the installation using a hand-held computer.

“Using the computer, the operator can also activate the thermal disinfection cycle and read out data logging information to ensure the highest standards are met and maintained,” he concludes.

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