

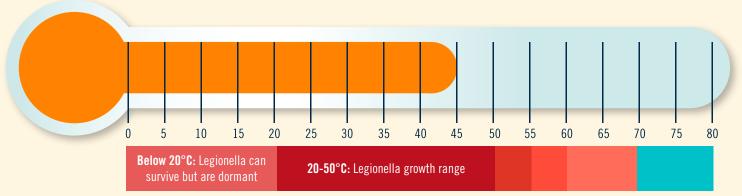
WHY AUSTRALIA MUST RETHINK WATER SYSTEMS DESIGN

Legionella is a lingering, ever-present bacterium which, in the right breeding conditions, poses a significant health risk. Hospitals are one of the highest risk environments for Legionella as they have large and complex water systems coupled with the vulnerability of patients within.



In Brisbane, temperature controls meant water at the hospital could not reach a higher temp than $45^{\circ}\text{C}-$

AN OPTIMUM TEMPERATURE FOR LEGIONELLA TO FLOURISH



50-55°C: Legionella growth range

55°C: Legionella will die in 5-6 hours

60°C: Legionella will die in 32 minutes

66°C: Legionella will die in 2 minutes

70-80°C: Disinfection range

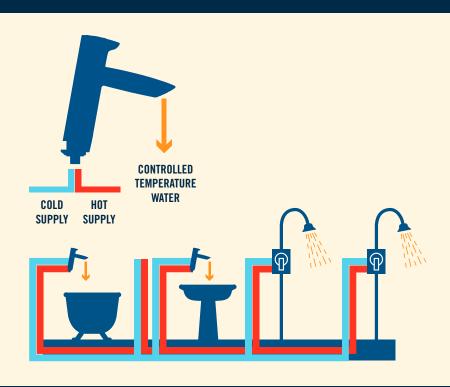
The Solution

THERMOSTATIC MIXING VALVE

The threat of Legionnaire's Disease must be addressed by the building and design sector.

By integrating a thermostatic mixer into a point-of-use mixer the risk of Legionella is minimised.

Enware has developed Australia's first point of use sequential Thermostatic Mixing Valve range purpose designed for high risk applications such as hospitals and aged care facilties. This technology offers superior scald protection as well as water and energy-saving features.



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