



THORNTHWAITE TECHNOLOGIES
THE SHOWER & WASHROOM SPECIALISTS

Rada Pulse &
Mono Control
Basins, Showers
& Urinal Flushing

rada

www.thornthwaite.com.au



Sensor controlled timed flow

Stylish and functional, Rada Pulse and Mono Control provide a more hygienic washing solution.

Rada Pulse and Mono Control sensor systems provide hands-free operation for:

- Basins
- Showers
- Urinals

Our sensor systems are used in schools, gyms, offices, healthcare and sports facilities.

What is Rada Pulse & Mono Control?

Rada Pulse and Mono Control feature sensors that activate flow of water to a basin, shower or urinal — either by placing your hand in front of a wall sensor or by entering a detection zone beneath a ceiling sensor.

About Rada Pulse

Rada Pulse is a centralised control system of up to ten sensors, each one signalling a solenoid valve via a control box to activate water flow to a basin, shower or urinal.

The system provides a high level of hygiene for users and provides timed flow control, automatic or manual shut-off, and optional blocking times.

For Rada Pulse you will need:

- Sensor kits for up to ten outlets
- A centralised Rada Pulse Control Box
- A handheld programmer

Each sensor kit comes complete with a sensor, solenoid valve, inlet isolating ball valve and flow regulator (for washbasins) or air gap (for urinals).

Facility managers have the ability to isolate the system via an optional isolating key switch – making it easy to turn off all sensors at the control box for cleaning or maintenance.

An operating key switch can be used in secure facilities such as prisons. The entire Rada Pulse system can be turned on and off as required.

About Rada Mono Control

Rada Mono Control sensor kits provide hands-free activation for single outlets in smaller washrooms or where a facility needs a flexible solution.

Rada Mono Control sensor kits provide everything required to activate water flow to a single basin, shower or urinal, including:

- Sensor
- Installation box (control module & solenoid valve)
- Inlet Isolating ball valve
- 12 volt AC Transformer
- Flow regulator (for washbasins)
- Air gap (for urinals)

With Mono Control your washroom will have many of the benefits of Rada Pulse: hands-free washing, sensor activated timed-flow, and automatic shut-off.

Key benefits of Rada Pulse and Rada Mono Control

Water Savings

Rada Pulse and Mono Control help save water via programmable automatic shut-off of water to each outlet and by installing the supplied flow regulators where required. Sensor kits for basins are supplied with 6 L/min flow regulators. Urinal flushing volume can be set to suit a specific model urinal for example 1.4 litres per flush for one stall or 2 litres per flush/per stall for a 2 stall.



Rada Pulse vs Mono Control: What's the difference?

Rada Pulse is designed to control water flow of up to ten outlets - for any combination of basins, showers and/or urinals. Each sensor is linked to a central control box and flow times can be set for individual outlets or as a group.

Rada Mono Control kits contain everything you need to activate timed flow to a single basin, shower or urinal.

When partnered with Thornthwaite's WELS-registered showerheads, or any WELS-registered spout, showerhead or urinal, the water savings are significant.

Easy Programming

Both Rada Pulse and Mono Control are straightforward to apply settings and perform routine maintenance.

Rada Pulse is programmed via a handheld programming unit, which features an easy-to-use interface and the ability to copy and paste settings for each outlet. Basin and shower outlets can be programmed for flow times and blocking times between users. Urinal outlets can be programmed for flush delay and duty flush.

Rada Mono Control has simple time control settings that can be adjusted via the Mono Control module.

Better Standards of Hygiene

Sensor controls and automatic shut-off improve user hygiene by eliminating the need to touch any taps, reducing the risk of cross infection at basins, showers and urinals.

In more sensitive environments where hygiene is critical, flow times can be programmed to help you meet your wash time requirements.

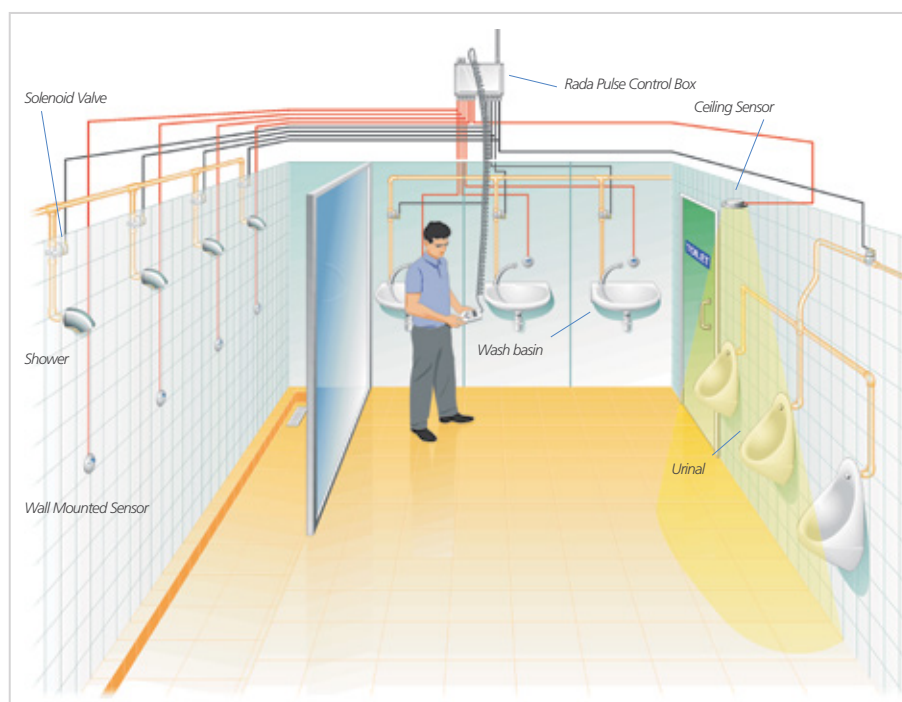
Applications

- Aquatic Centres
- Sport & Leisure
- Commercial
- Military
- Prisons
- Schools & universities
- Food processing
- Office blocks
- Health Care

Other Thornthwaite Products

Speak to your Thornthwaite sales & specification consultant about our other products that can be used with Rada Pulse and Mono Control.

Rada Pulse Layout



Head office

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Specification Enquiries

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Tap Equipment

Urinals

Urinals



WaterMark

ASNZS 3718 LIC 21094



WaterMark

ATS 5200.020 LIC 21095



N16311



Specification

Our sales & specification team are available to help you to maximise the benefits of Rada Pulse or Rada Mono Control for your specific washroom needs.

Please contact us on 1300 137 170 to speak to one of our team.

Sensor Installation

Sensors should be installed off-centre to showerheads and basin spouts to prevent unintended activation. Please see our specification sheets for more information.

Commissioning & Maintenance

Refer to the Product Manual for detailed instructions. For further information on replacement parts and services contact Thornthwaite on 1300 137 170.

Warranty

1 year subject to manufacturer's conditions.

More Information

Download product manuals, data sheets, specification sheets, line drawings and brochures from our website.

www.thornthwaite.com.au

Rada Pulse

120 Sensor



122 Sensor



124/125/126 Sensor



Control Box



Handheld Programmer



Isolating Key Switch



Rada Mono Control

120 Sensor



122 Sensor



124/125/126 Sensor



Mono Control Kit



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