

# Commercial washroom solutions

- ✓ Taps
- ✓ Showers
- ✓ Urinal Flushing
- ✓ Thermostatic mixing valves
- ✓ Grab Rails
- ✓ Emergency Eye Wash & Showers



WELS 6 Stars



Vandal Resistant



Low Maintenance



Founded 1933



Revit, ARCHICAD & CAD files



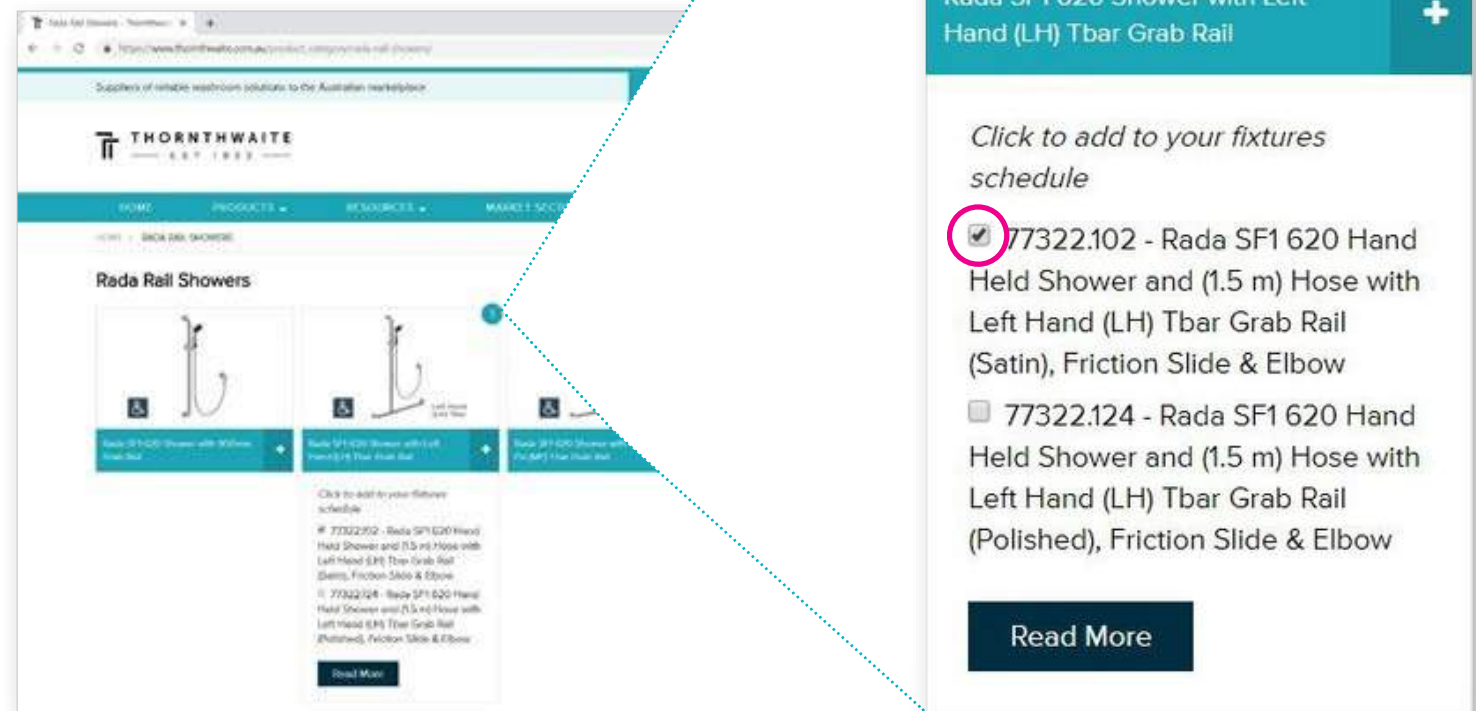
AS 1428.1 - 2021



# Create your own Fixtures Schedule on the fly

## STEP 1

- Available on Category, Sector and Product pages
- Click on the + (Category & Sector pages)
- Check box to add to Fixtures Schedule (All pages)



## STEP 2

- Click on Fixtures Schedule
- Add Schedule Name (optional)
- Download Fixtures Schedule in Excel or PDF

Or ask us to do the Fixtures Schedule

Image	Item	Details	Qty	Location	Supplier	Page Link
	Basin Tap	Presto 605 timed flow tap - cold 7.5 sec Code: P64608 Finish: Chrome DR Brass WELS: 6 Stars, 4.5 L/min	5	Bathroom 1	Thornthwaite Ph 02 9417 4466 info@thornthwaite.com.au www.thornthwaite.com.au	<a href="https://www.thornthwaite.com.au/product/presto-605-timed-flow-tap/">https://www.thornthwaite.com.au/product/presto-605-timed-flow-tap/</a>
	Basin Sensor Mixer Tap	Presto Volta sensor mixer tap - battery Code: P55163 Finish: Chrome WELS: 6 Stars, 4 L/min Note: For accessible washrooms install to AS 1428.1 & DDA.	1	Bathroom 2	Thornthwaite Ph 02 9417 4466 info@thornthwaite.com.au www.thornthwaite.com.au	<a href="https://www.thornthwaite.com.au/product/presto-volta-sensor-mixer-tap/">https://www.thornthwaite.com.au/product/presto-volta-sensor-mixer-tap/</a>
	Sink Mixer	Thornthwaite M5 Gooseneck Sink Mixer Code: B60114 Finish: Chrome DR Brass WELS: 4 stars, 6.0 L/min	1		Thornthwaite Ph 02 9417 4466 info@thornthwaite.com.au www.thornthwaite.com.au	<a href="https://www.thornthwaite.com.au/product/thornthwaite-m5-gooseneck-sink-mixer/">https://www.thornthwaite.com.au/product/thornthwaite-m5-gooseneck-sink-mixer/</a>
	TMV Sensor System	Rada Outlook Digital Thermostatic Mixing Valve Unit Code: 1621.039 Note: Requires 1x power outlet per Unit. Install Unit in an easy to access area no more than 10m from shower/basin fixtures. Each Unit controls up to 6 fixtures/Outlook Sensors. Multiple Units can be networked with Cat5 cable for easier programming. Do not install additional TMVs that supply water to or from Rada Outlook. WMK: to AS4032.1.	1		Thornthwaite Ph 02 9417 4466 info@thornthwaite.com.au www.thornthwaite.com.au	<a href="https://www.thornthwaite.com.au/product/rada-outlook-digital-thermostatic-mixing-valve-unit/">https://www.thornthwaite.com.au/product/rada-outlook-digital-thermostatic-mixing-valve-unit/</a>
	Basin Sensor	Rada Pulse 120 Sensor System - for Basins Code: 650631 Finish: Chrome Plated Sensor WELS: 6 Stars, 6 L/min Note: Use Cat 5 cable to connect SV and extend sensor cable to Control Box	1		Thornthwaite Ph 02 9417 4466 info@thornthwaite.com.au www.thornthwaite.com.au	<a href="https://www.thornthwaite.com.au/product/rada-pulse-120-sensor/">https://www.thornthwaite.com.au/product/rada-pulse-120-sensor/</a>
	Shower Head	Rada VR2 Vandal Resistant Shower Head - 8.5 L/min Code: 1652.009	1		Thornthwaite Ph 02 9417 4466	<a href="https://www.thornthwaite.com.au/product/rada-vr2/">https://www.thornthwaite.com.au/product/rada-vr2/</a>

# Presto Taps Save Water and Energy



## How much water can a traditional tap waste?

(Based on 1 tap left running 12 days in a year)

**Running Tap (5 L/min)**  
86,400 litres



**Trickling Tap (1.5 L/min)**  
25,920 litres



**Dripping Tap (0.34 L/min)**  
5,875 litres



Presto taps save water, by shutting off automatically

## 5 Benefits of Presto tapware

- Water Savings
- Comfort & Hygiene
- Vandal Resistance
- Reliability
- Easy Maintenance

# Timed flow taps

- ✓ Ideal for councils, schools, pre-schools, shopping centres and pools, etc.
- ✓ Push button & lever operation
- ✓ Automatic shut off after 7.5 sec (± 2.5)



Presto 605



Presto 504



Presto 705



Presto 704



Greensborough Aquatic Centre, Melbourne



# Presto 2000 & Volta Sensor Taps

- ✓ Ideal for offices, shopping centres, health & aged care and accessible bathrooms, etc.
- ✓ Set temperature (single) or mixer versions, mains or battery powered for Presto Volta
- ✓ Very hygienic solution



Presto 2000



Presto 2010



Presto 2020 mixer



Presto Volta single



Presto Volta mixer  
(Lever for temp. adjustment)



Questacon, Canberra





# New M5 Mixer Series



Thornthwaite M5 Basin Mixer



Thornthwaite M5 Tall Basin Mixer



Thornthwaite M5 Shower Mixer



Thornthwaite M5 Wall Mixer



Thornthwaite M5 Gooseneck Sink Mixer



Thornthwaite M5 Spout



# Aqua Mixer Series



Thornthwaite Aqua Pullout Dual Spray Sink Mixer



Thornthwaite Aqua Sink Mixer



Thornthwaite Aqua Basin Mixer



Thornthwaite Aqua Shower Mixer



Thornthwaite Aqua Care Basin Mixer

# Presto Timed Flow Valves

- ✓ Hands-free operation of taps for kitchens, food processing and abattoirs for improved hygiene
- ✓ Durable products designed for harsh environments
- ✓ Push button valves for showers

## Commonly Used For

### Beach & Rinse Showers

### Food Processing

Presto shower valve & tap adaptor



Presto 512 valve



Presto 712



Scarborough Beach, City of Stirling WA

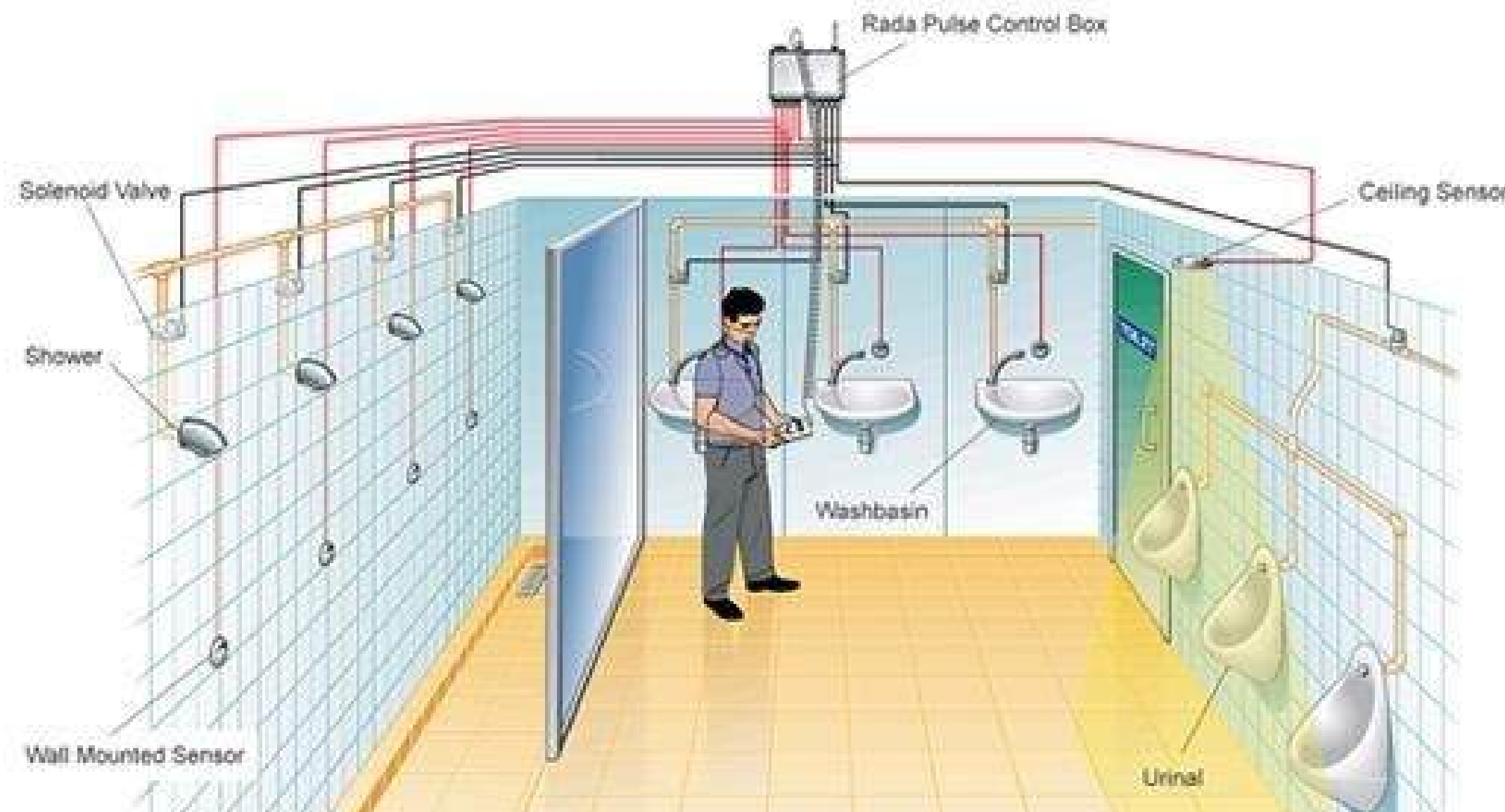
# Presto DL400 SE Timed Flow Shower Panel

- ✓ Soft touch push button
- ✓ Auto shut-off after 70 sec
- ✓ Provides a comfortable shower
- ✓ Less pipework
- ✓ Quick & easy installation - 1 person job
- ✓ Anti-lime scale & adjustable showerhead



# Rada Pulse & Mono Control

- ✓ Centralised washroom sensor control system
- ✓ For basins, showers & urinals
- ✓ Programmable flow times
- ✓ Ideal for aquatic centres, gyms, schools, offices, etc.



# Rada Pulse v Mono Control

## Difference between Pulse & Mono

Rada Pulse  
(up to 10 outlets)



Control Box    Programmer

Each sensor is supplied separately in a kit with a solenoid valve

Rada Mono  
(single outlet)



Mono kit includes sensor and solenoid valve

## Sensors

Wall Mounted

Ceiling Mounted

## Basins & Showers



120 Sensor



LR Sensor  
Ligature resistant  
Pulse Only



124 Sensor  
Basin only

## Urinal flushing



122 Sensor



125/126 Sensor

# Rada Vandal Resistant Showerheads

- ✓ Ideal for councils, schools, gyms, beaches
- ✓ Provides quality shower with great water savings
- ✓ Mount at least 2m high



Rada VR2  
8.5 L/min



Rada VR105  
8.5 L/min



Rada LR Head  
8.5 L/min

Rada VR106  
6 L/min



# Rada Outlook

## Next generation shower & basin sensor system

- ✓ Digital thermostatic mixing valve sensor system
- ✓ Water and energy saving for showers and basins
- ✓ Multiple program options for maximum efficiency
- ✓ The next generation of Rada Pulse



# Rada Outlook

3 items to specify



**1621.112 - IR Sensor**  
for showers & basins



OR

**1621.085 - Piezo Sensor**  
for showers & basins



**1621.099 - Digital Thermostatic Mixing Valve Unit**

Mixervalvewith integrated solenoidvalves (up to 6 outlets)



Control box



**1621.202 - Programming Kit**



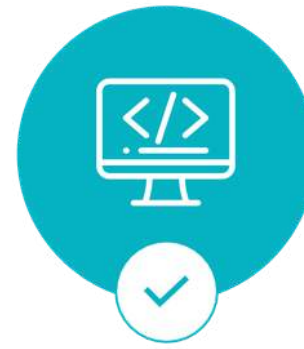
Showerheads & spouts sold separately

# Rada Outlook at a glance



## Benefits for the facility

- Significant water & energy savings
- Durable product designed for public facilities
- Hygienic no touch sensor options
- Vandal resistant with no moving parts for the end user



## Easy to program

- Thermostatically controlled water temperature for showers & basins
- Flow times, automatic shut-off, block-out times (to prevent immediate reactivation)
- Duty flush to flush stagnant water
- Program bathrooms in an entire facility from the one computer



## Cost effective and easy installation

Multiple products in one:

- Integral thermostatic mixing valve
- Integral solenoid valves
- Sensors for showers & basins

## Applications



- ✓ Aquatic centres
- ✓ Sport & leisure centres
- ✓ Office blocks & shopping centres
- ✓ Schools & universities
- ✓ Community centres & clubs

# Save \$25,000\* per Year with Rada Pulse & Outlook

## Annual Savings & Payback



**Water Savings:** 2,592,000 Litres



**Dollar Savings:** \$25,468



**Payback:** 1.5 months

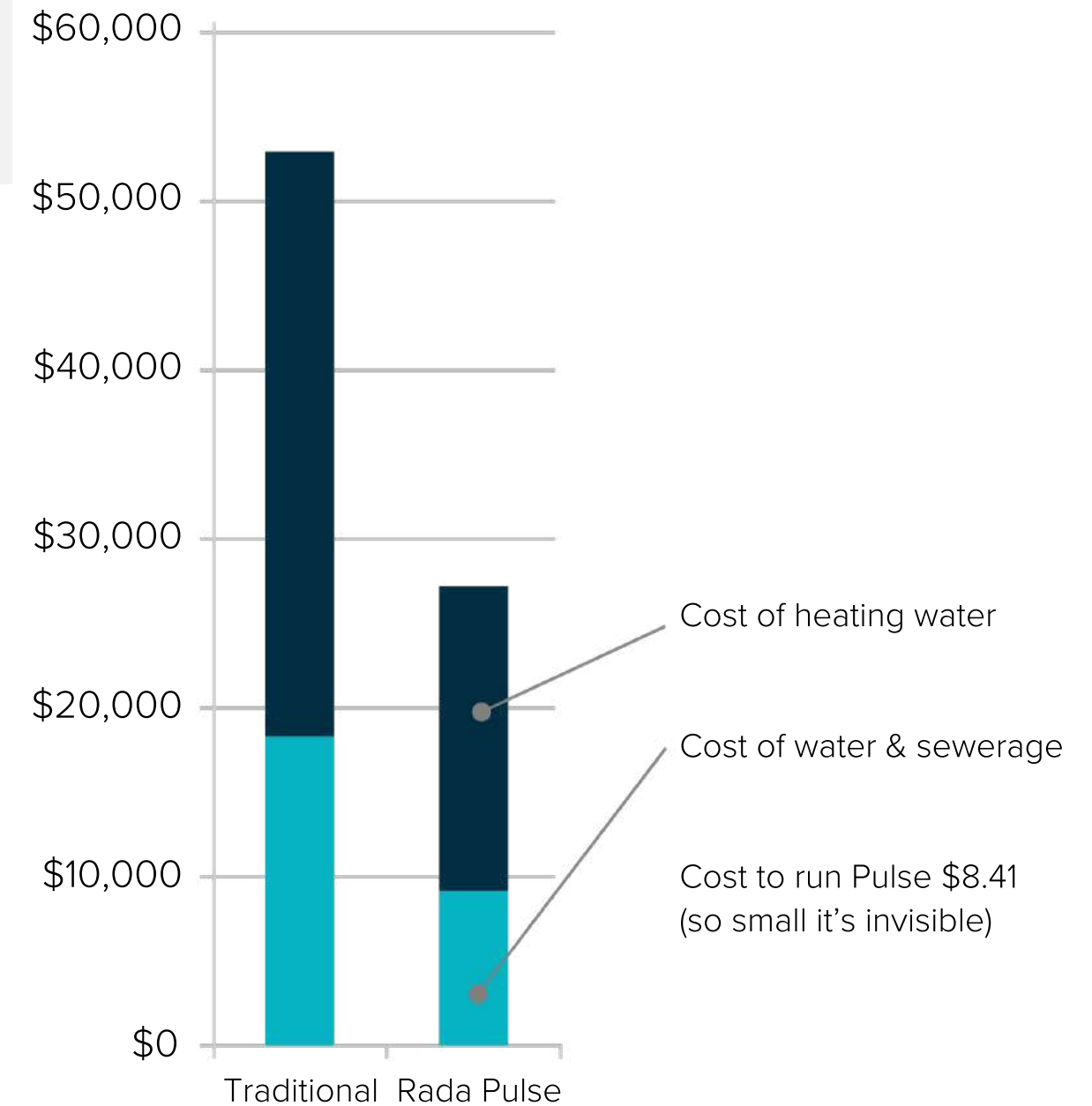
**\*Changes**

Shower time reduced from 5.5 mins to 3 mins with Rada Pulse. Flow rate reduce from 9 L/min to 8.5 L/min with the Rada VR105 showerhead.

**\*Parameters**

10 showers, used 30 times a day, 360 days a year. Water and dollar savings are subject to the operating conditions; type of water heating systems used; and water and energy provider.

## Annual Running Cost Comparison Traditional showers vs. Rada Pulse



# Rada Sense DMV

- ✓ Digital thermostatic mixing valve
- ✓ For basins and showers
- ✓ Often used in health care and End of trip facilities
- ✓ AS 4032.1 WaterMark Certified & Healthcare approved



- ✓ No touch on/off control & temperature adjustment via sensor
- ✓ Minimises cross infection & saves water
- ✓ Functions — duty flush, thermal disinfection
- ✓ Programmed with a smartphone



# Rada 215 TMV

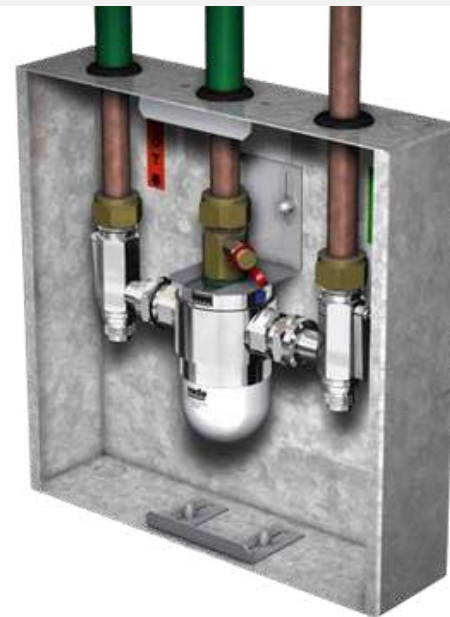
- ✓ All Rada 215 TMV variants have the same temperature and flow specifications
- ✓ Incorporates the Radatherm sealed-for-life cartridge
- ✓ Cold isolation feed & PRV variants available
- ✓ Flow rate range 2.5 L/min to 50 L/min
- ✓ AS 4032.1 WaterMark Certified & Healthcare approved



Rada 215dk

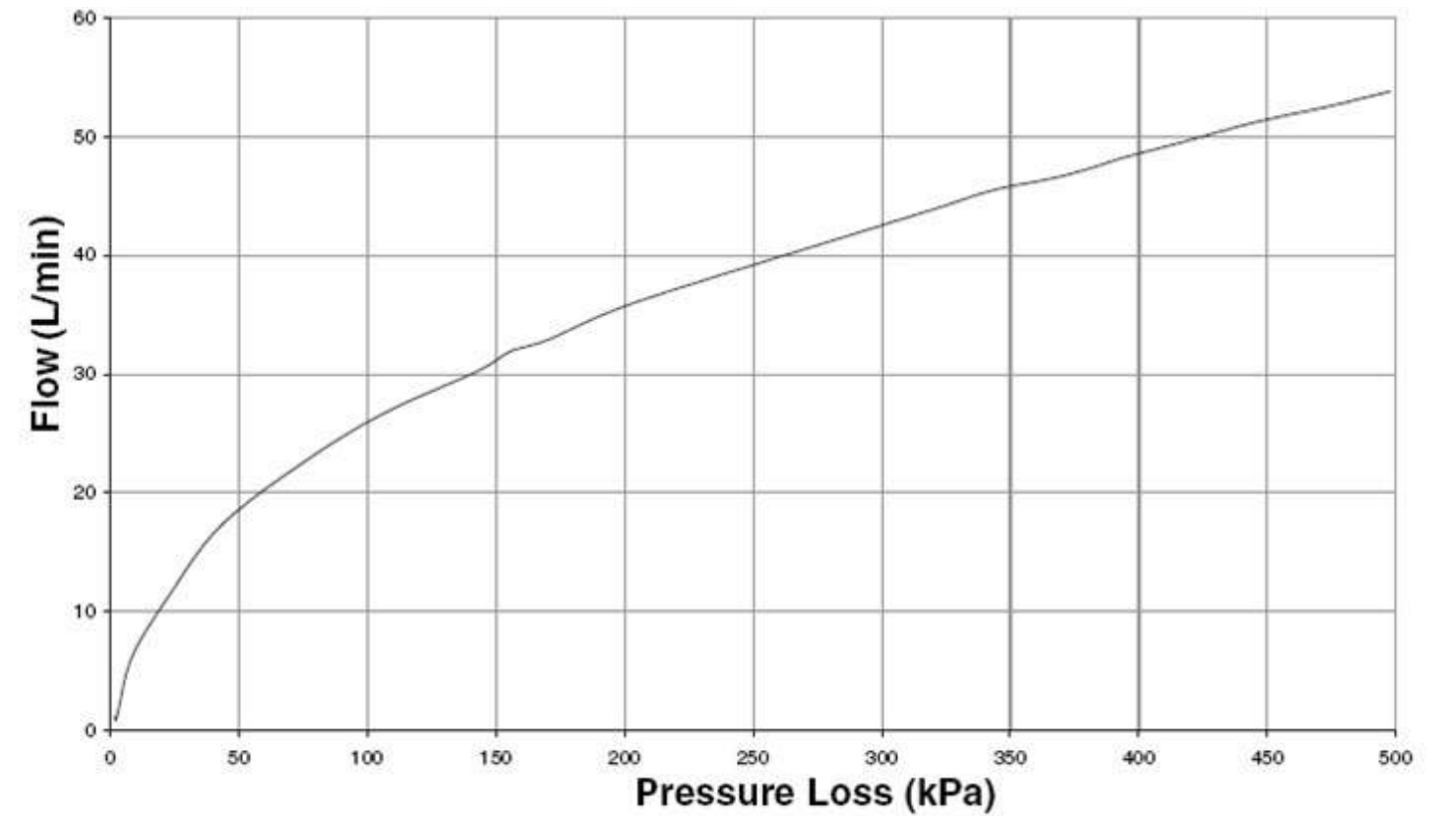


Rada 215dk  
for exposed  
installation



Rada 215dk  
in recessed box with lid

## Flow Rate/Pressure Loss Graph



# Rada 320 TMV

- ✓ Incorporates the Radatherm sealed-for-life cartridge
- ✓ Flow rate range 8 L/min to 120 L/min
- ✓ Ideal for sports and aquatic centres where you have many showers in a close proximity
- ✓ Health care facilities approved
- ✓ AS 4032.1 WaterMark Certified & Healthcare approved

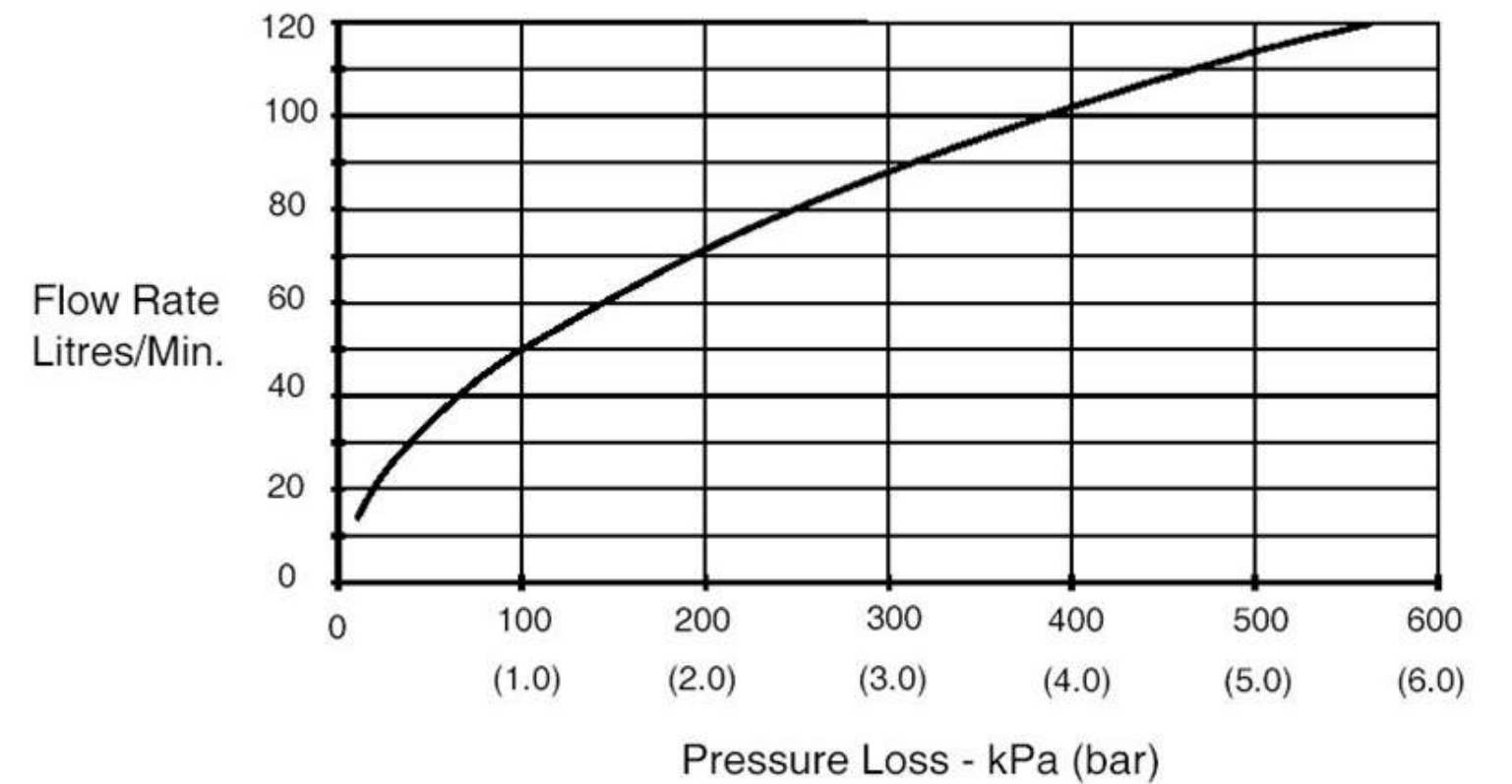


Rada 320 M  
3/4" BSPM  
inlets & outlet



Rada 320 IF  
1" BSPF inlets  
& outlet

## Flow Rate/Pressure Loss Graph





# AS 1428.1 – 2021 Products for Accessible and Ambulant Bathrooms



Showers & Shower Seats  
with or without mixers



Accessible Toilet Grab  
Rails & Backrests



Tapware



Ambulant Toilet  
Grab Rails



Products on this page are compliant when installed in accordance with AS 1428.1- 2021.

# Rada SF1 620 grab rail showers AS1428-compliant

**For accessible bathrooms  
and health & aged care**

Optional Aqua and Rada Sense mixers

AQUA



SENSE



Hygienic flange seals reduce bacterial growth

Wall outlet elbow with dual check valve

Simple, one-handed height slider adjustment

Smooth hose with easy-clean surface



Choice of vertical grab rail and T bars (left, middle, right)

Satin finishes

Option of grab rail separate to hand held shower (AusHFG)

# The Rada SF1 hand held shower is more hygienic

Unique spray plate design

Single mode spray plate with no moving parts

Hygienic silicon nozzle mat to control limescale & bacteria

Key removes spray plate for periodic cleaning & disinfection

Design minimises bacteria breeding from trapped water

Handset air-tested to avoid water introduction

Coloured ring system to track cleaning



# There are nicer ways to shower — but this one saves lives!

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- ✓ Education (Schools, Universities & TAFE)
- ✓ Laboratories and Healthcare
- ✓ Petroleum, Oil Refineries and Mining
- ✓ Chemical Manufacturing & Handling
- ✓ Food Processing





Scald and freeze protection valves

# B-SAFETY emergency eyewash, eye/face wash and showers



SHOWERS



EYEWASH



EYE/FACE WASH



COMBINATION



Shower test kit for easy routine testing

EVERY SECOND COUNTS. REDUCE RISK WITH B-SAFETY EMERGENCY EYEWASH, EYE/FACE WASH AND SHOWERS

# B-SAFETY emergency eyewash, eye/face wash and showers

- High-performance showerhead spreads water evenly
- Certified to AS 4775-2007 and ANSI/ISEA Z358.1-2014
- German-manufactured from high-quality, durable stainless steel
- ClassicLine green finish



Rada 32E Emergency thermostatic mixing valve delivers 25°C water to prevent hypothermia from a cold shower

THORNTHWAITE IS THE EXCLUSIVE DISTRIBUTOR OF THE B-SAFETY RANGE OF PRODUCTS

Please contact us for

- ✓ Revit & ARCHICAD Files
- ✓ Site Visits
- ✓ Technical Support

Ask for a Fixtures Schedule

## STEP 1

- ✓ Provide us with details of your project

## STEP 2

- ✓ We will provide you with a Fixtures Schedule in Excel or PDF format.

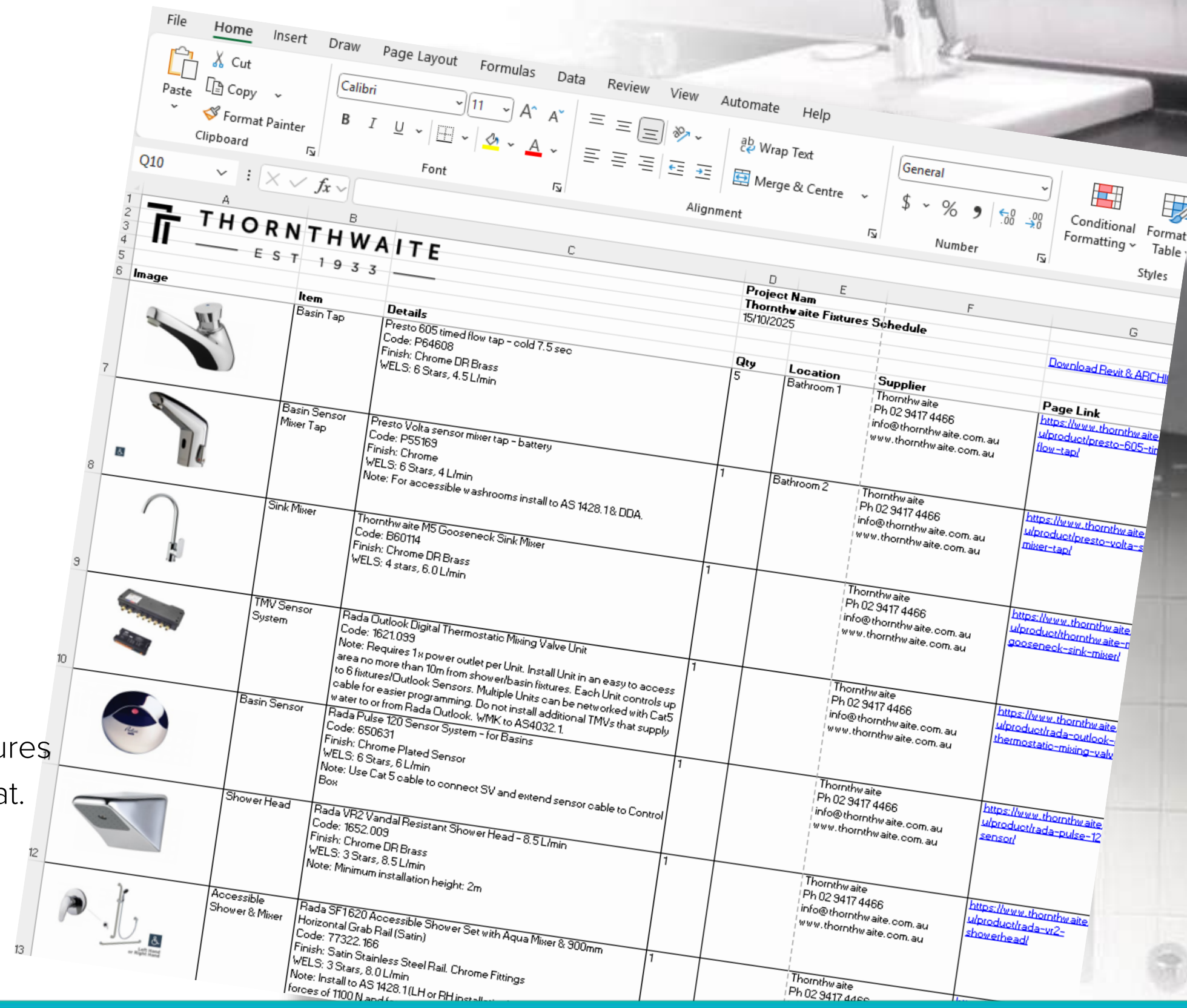









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	Basin Tap	Presto 605 timed flow tap - cold 7.5 sec Code: P64608 Finish: Chrome DR Brass WELS: 6 Stars, 4.5 L/min	5	Bathroom 1	Thorntwaite Ph 02 9417 4466 info@thorntwaite.com.au www.thorntwaite.com.au	<a href="https://www.thorntwaite.com.au/product/presto-605-timed-flow-tap/">https://www.thorntwaite.com.au/product/presto-605-timed-flow-tap/</a>
	Basin Sensor Mixer Tap	Presto Volta sensor mixer tap - battery Code: P55169 Finish: Chrome WELS: 6 Stars, 4 L/min Note: For accessible washrooms install to AS 1428.1 & DDA.	1	Bathroom 2	Thorntwaite Ph 02 9417 4466 info@thorntwaite.com.au www.thorntwaite.com.au	<a href="https://www.thorntwaite.com.au/product/presto-volta-sensor-mixer-tap/">https://www.thorntwaite.com.au/product/presto-volta-sensor-mixer-tap/</a>
	Sink Mixer	Thorntwaite M5 Gooseneck Sink Mixer Code: B60114 Finish: Chrome DR Brass WELS: 4 stars, 6.0 L/min	1		Thorntwaite Ph 02 9417 4466 info@thorntwaite.com.au www.thorntwaite.com.au	<a href="https://www.thorntwaite.com.au/product/presto-volta-sensor-mixer-tap/">https://www.thorntwaite.com.au/product/presto-volta-sensor-mixer-tap/</a>
	TMV Sensor System	Rada Outlook Digital Thermostatic Mixing Valve Unit Code: 1621.099 Note: Requires 1x power outlet per Unit. Install Unit in an easy to access area no more than 10m from shower/basin fixtures. Each Unit controls up to 6 fixtures/Outlook Sensors. Multiple Units can be networked with Cat5 cable for easier programming. Do not install additional TMVs that supply water to or from Rada Outlook. WMK to AS4032.1	1		Thorntwaite Ph 02 9417 4466 info@thorntwaite.com.au www.thorntwaite.com.au	<a href="https://www.thorntwaite.com.au/product/thorntwaite-r-gooseneck-sink-mixer/">https://www.thorntwaite.com.au/product/thorntwaite-r-gooseneck-sink-mixer/</a>
	Basin Sensor	Rada Pulse 120 Sensor System - for Basins Code: 650631 Finish: Chrome Plated Sensor WELS: 6 Stars, 6 L/min Note: Use Cat 5 cable to connect SV and extend sensor cable to Control Box	1		Thorntwaite Ph 02 9417 4466 info@thorntwaite.com.au www.thorntwaite.com.au	<a href="https://www.thorntwaite.com.au/product/rada-outlook-digital-thermostatic-mixing-valve/">https://www.thorntwaite.com.au/product/rada-outlook-digital-thermostatic-mixing-valve/</a>
	Shower Head	Rada VR2 Vandal Resistant Shower Head - 8.5 L/min Code: 1652.009 Finish: Chrome DR Brass WELS: 3 Stars, 8.5 L/min Note: Minimum installation height: 2m	1		Thorntwaite Ph 02 9417 4466 info@thorntwaite.com.au www.thorntwaite.com.au	<a href="https://www.thorntwaite.com.au/product/rada-pulse-120-sensor-system-for-basins/">https://www.thorntwaite.com.au/product/rada-pulse-120-sensor-system-for-basins/</a>
	Accessible Shower & Mixer	Rada SF1620 Accessible Shower Set with Aqua Mixer & 900mm Horizontal Grab Rail (Satin) Code: 77322.166 Finish: Satin Stainless Steel Rail. Chrome Fittings WELS: 3 Stars, 8.0 L/min Note: Install to AS 1428.1 (LH or RH installation) forces of 1100 N and	1		Thorntwaite Ph 02 9417 4466 info@thorntwaite.com.au www.thorntwaite.com.au	<a href="https://www.thorntwaite.com.au/product/rada-vr2-vandal-resistant-shower-head-8-5-l-min/">https://www.thorntwaite.com.au/product/rada-vr2-vandal-resistant-shower-head-8-5-l-min/</a>

# Thank you.