

Commercial washroom solutions

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



WELS 6 Stars



Vandal Resistant



Low Maintenance



Founded 1933



Revit, ARCHICAD & CAD files



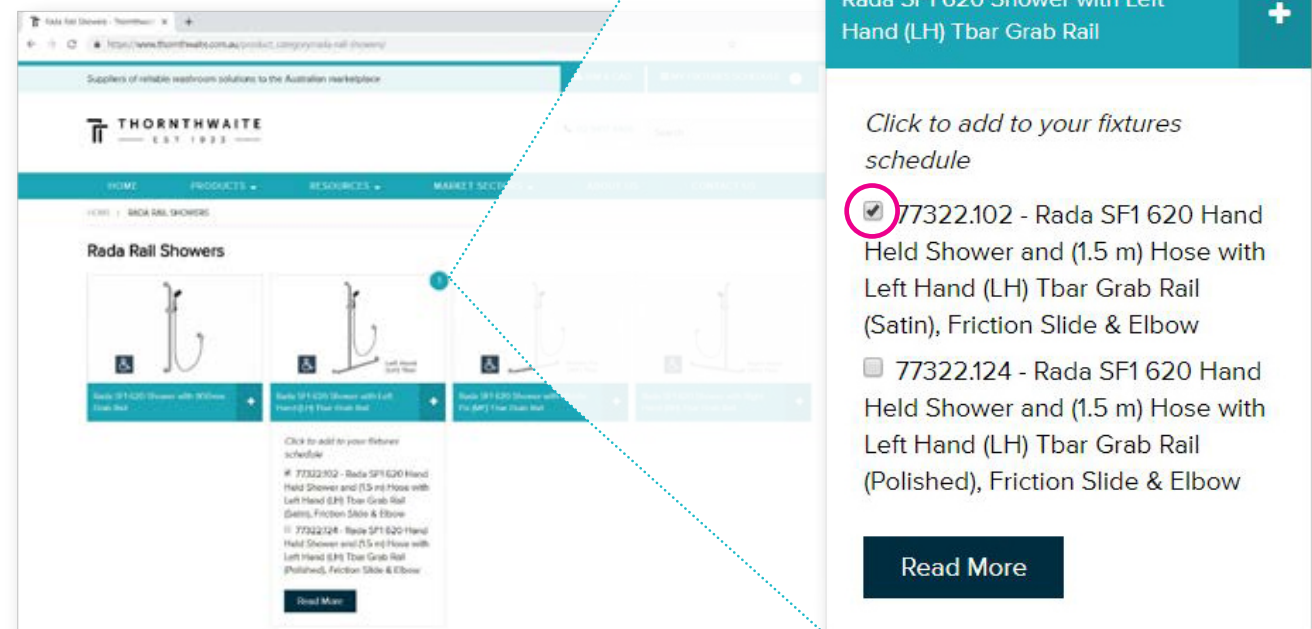
AS 1428.1 - 2009



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 My Fixtures Schedule
- ✓ Add Schedule Name (optional)
- ✓ Download product list pdf
- ✓ Don't want it in pdf format? Ask us about other formats.

✓ Or ask us to do a Specification Proposal


Product	Variants	Documents	BIM & CAD
Rada SF1 620 Shower with Left Hand (LH) Tbar Grab Rail	77322.102 - Rada SF1 620 Hand Held Shower and (1.5 m) Hose with Left Hand (LH) Tbar Grab Rail (Satin), Friction Slide & Elbow	Product Manual - Rada Rail Shower Installation Instructions - Grab Rail Line Drawing - Rada SF1 620 Tbar LH	CAD - Rada SF1 620 LH Tbar
Rada Mono 120 sensor system – showers & basins	650901 - Rada Mono 120 sensor operating system – for basins	Brochure - Rada Pulse and Mono Datasheet - Rada Pulse and Mono Basin and Shower Sensors Specification - Rada 120 Mono Sensor Product Manual - Rada Mono Operating System	Rada Pulse and Mono 120 and 122 sensor dims.dxf Rada 120 sensor operating system - basins showers.dxf PlumbingFixtures Sensor Thornthwaite RadaMono120.rfa Rada Mono control module.dxf Rada solenoid dims.dxf
Presto Volta Sensor Tap	P55066 - Presto Volta sensor tap – battery	Brochure - Presto Datasheet - Presto Volta Specification - Presto Volta Single Product-Manual-Presto-Volta Accessible Washrooms Flyer Line Drawing - Presto Volta	Presto Volta Sensor Single Mains.dxf Presto Volta Sensor Single Battery.dxf PlumbingFixtures Tap Thornthwaite PrestoVoltaSensorTap.rfa
Rada Sense Shower	1503684 - Rada Sense digital mixing valve – shower sensor	Brochure - Rada Sense Datasheet - Rada Sense Specification - Rada Sense Product Manual - Rada Sense Washbasin and Shower DMV (Aus) Line Drawing - Rada Sense	PlumbingFixtures Controller Thornthwaite RadaSenseDigitalMixingValve.rfa



AS 1428.1 – 2009 Products for Accessible and Ambulant Bathrooms

 Showers & Shower Seats
(with or without mixers)



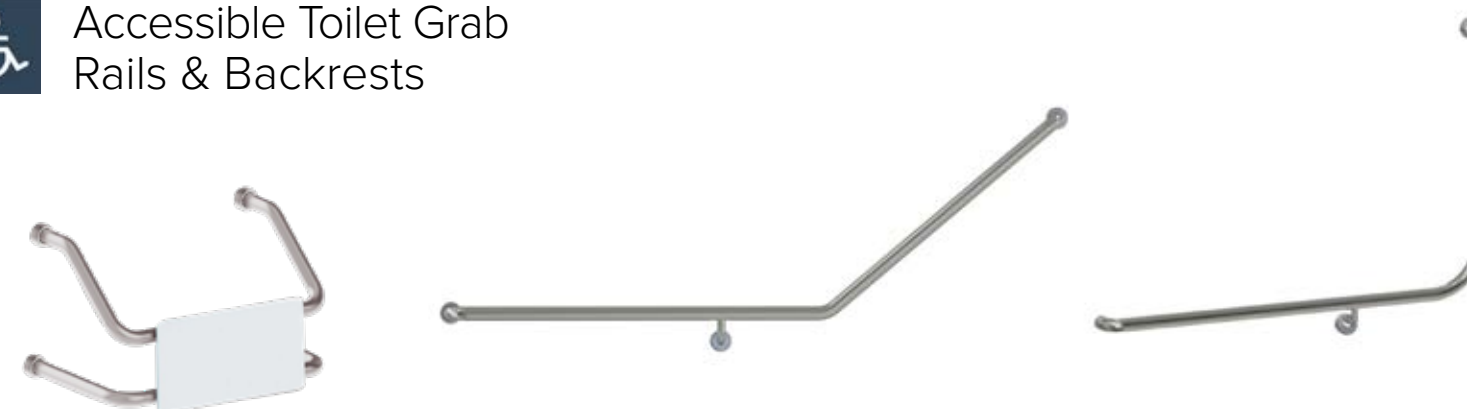
 Ambulant Toilet
Grab Rails



 Tapware



 Accessible Toilet Grab
Rails & Backrests



Products on this page are compliant when installed in accordance with AS 1428.1 - 2009.

Showerhead hygiene is critical

- Healthcare guidelines recommend regular showerhead cleaning
- Need to prevent unhygienic biofilm build-up
- Effective cleaning regimes require substantial investment
- Poor showerhead design can make Legionella more likely



Rada Rail Showers

- ✓ Much more hygienic
- ✓ Easy to clean
- ✓ More cost effective
- ✓ Specially designed to help reduce the prevalence of Legionella
- ✓ Environmentally better than throwaway showerheads



EDUCATION



HEALTH



LEISURE

The Rada SF1 hand held shower: 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



Rada SF1 620 grab rail showers AS 1428-compliant

 For accessible bathrooms
and health & aged care

Optional Aqua, Moda, Care and Rada Sense mixers

AQUA



MODA



CARE



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 or polished finish

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

Rada SH1, SF1 10 & 20 rail shower range

A great showering experience with all the hygienic benefits of Rada for:

- ✓ University accommodation
- ✓ End-of-trip facilities



THORNTHWAITE IS THE EXCLUSIVE DISTRIBUTOR OF THE RADA RANGE OF PRODUCTS

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

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





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



Scald and freeze protection valves



SHOWERS



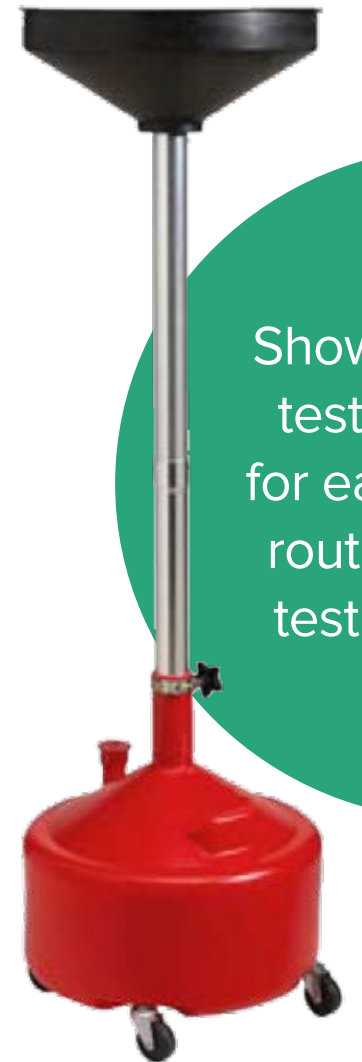
EYEWASH



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

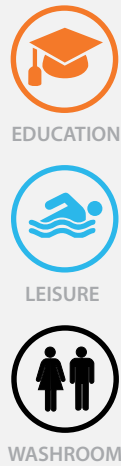
B-SAFETY emergency eyewash, eye/face wash and showers

- 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 or PremiumLine stainless steel 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



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



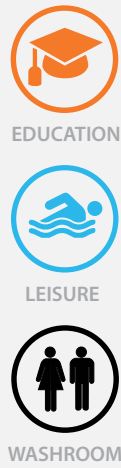
Dripping Tap (0.34 L/min)
5,875 litres



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 3000 mixer



Presto 504



(AS 1428.1 – 2009 compliant for accessible bathrooms — see brochure for compliant basins)



 Presto 705



Presto 7000 mixer



Presto 704



Greensborough Aquatic Centre, Melbourne





EDUCATION



HEALTH



LEISURE



WASHROOM

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

(AS 1428.1 – 2009 compliant for accessible bathrooms — see brochure for compliant basins)



Presto Volta mixer

(Lever for temp. adjustment)



Questacon, Canberra





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



Presto shower valve & tap adaptor



Presto 512 valve
(Ideal for beach & pool showers)



Presto 712
(Ideal for food processing)



Presto 520 foot valve
(Ideal for food processing)



Presto 530 dual foot valve
(Ideal for food processing)



Presto DL400 SE Timed Flow Shower Panel

- ✔ Soft touch push button
- ✔ Auto shut-off, saves water
- ✔ Provides a comfortable shower
- ✔ Anti-lime scale & adjustable showerhead
- ✔ Less pipework
- ✔ Quick & easy installation





Quick & Easy Installation



1 Person job

- ✓ Lightweight shower panel
- ✓ Surface mounted
- ✓ Less pipework
- ✓ Save money



Pipework only to showerhead



No pipework to push button

Save water with Presto DL400 SE Timed Flow Shower Panel



See [Presto DL400 SE Timed Flow Shower Panel](#) on our website.



70 second
flow time

Auto shut-off

An easy way
to save water
and energy

Applications:

- ✓ Rinse Showers
- ✓ Family Change Village Showers
- ✓ Aquatic Centres
- ✓ Sport & Leisure Centres
- ✓ End of Trip Facilities
- ✓ Universities & Schools
- ✓ Caravan Parks
- ✓ Backpacker Hostels

Development Types:

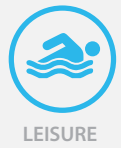
- ✓ New Build
- ✓ Refurbishment - easily convert existing showers



EDUCATION



SECURE



LEISURE



WASHROOM

Rada Pulse & Mono Control

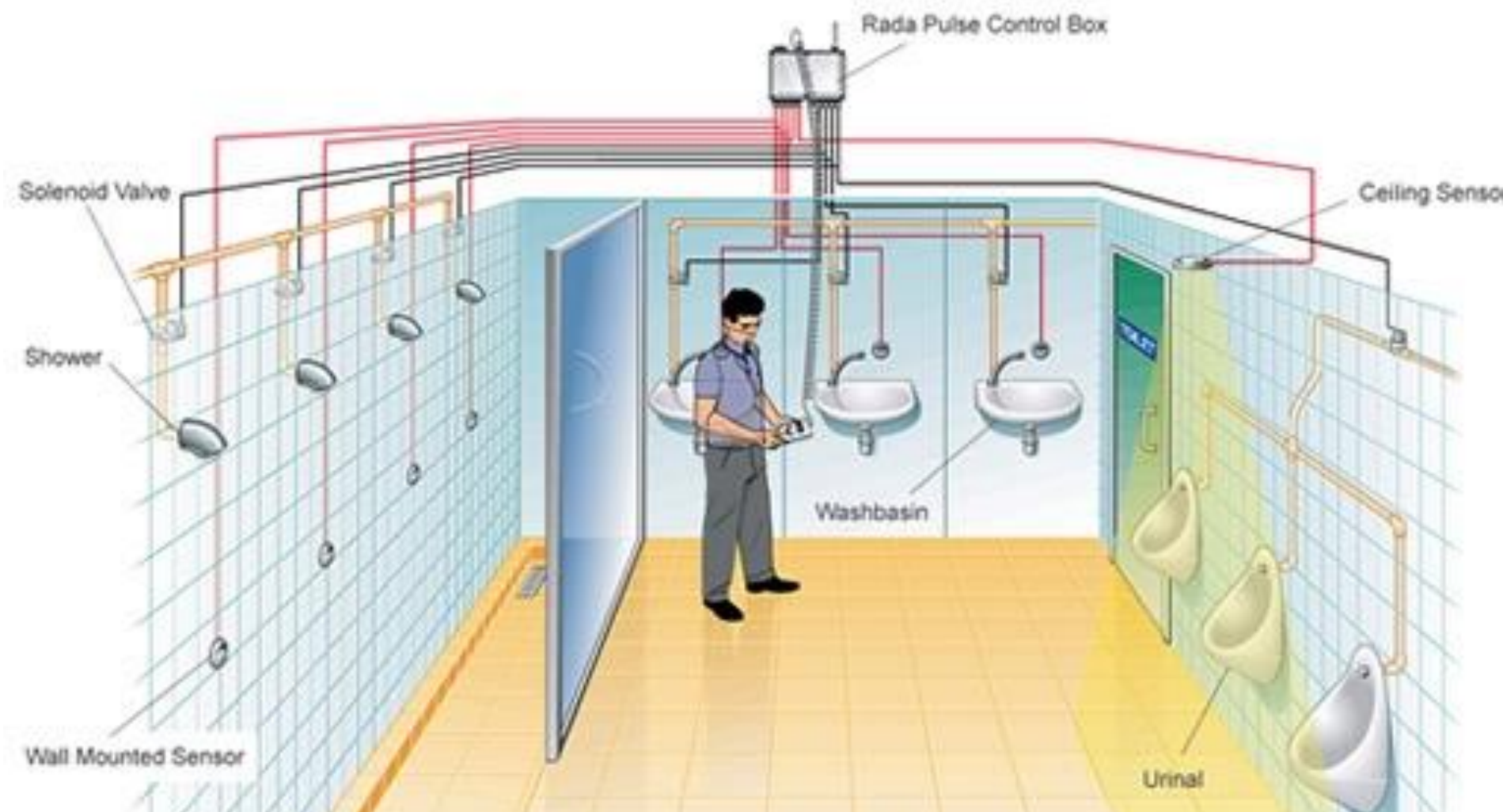


Centralised washroom sensor control system

For basins, showers & urinals

Programmable flow times

Ideal for aquatic centres, gyms, schools, offices, etc.



Hornsby Aquatic and Leisure Centre, Sydney





EDUCATION



SECURE



LEISURE



WASHROOM

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

Basins & Showers



120
Sensor



LR Sensor
Ligature resistant
Pulse only

Ceiling
Mounted



124 Sensor
Basin only

Urinal flushing



122
Sensor



125/126
Sensor

Save \$25,000* per annum with Rada Pulse

Annual Savings & Payback

- ✓ **Water Savings:** 2,592,000 Litres
- ✓ **Dollar Savings:** \$25,468
- ✓ **Payback:** 1.5 months

***Changes**

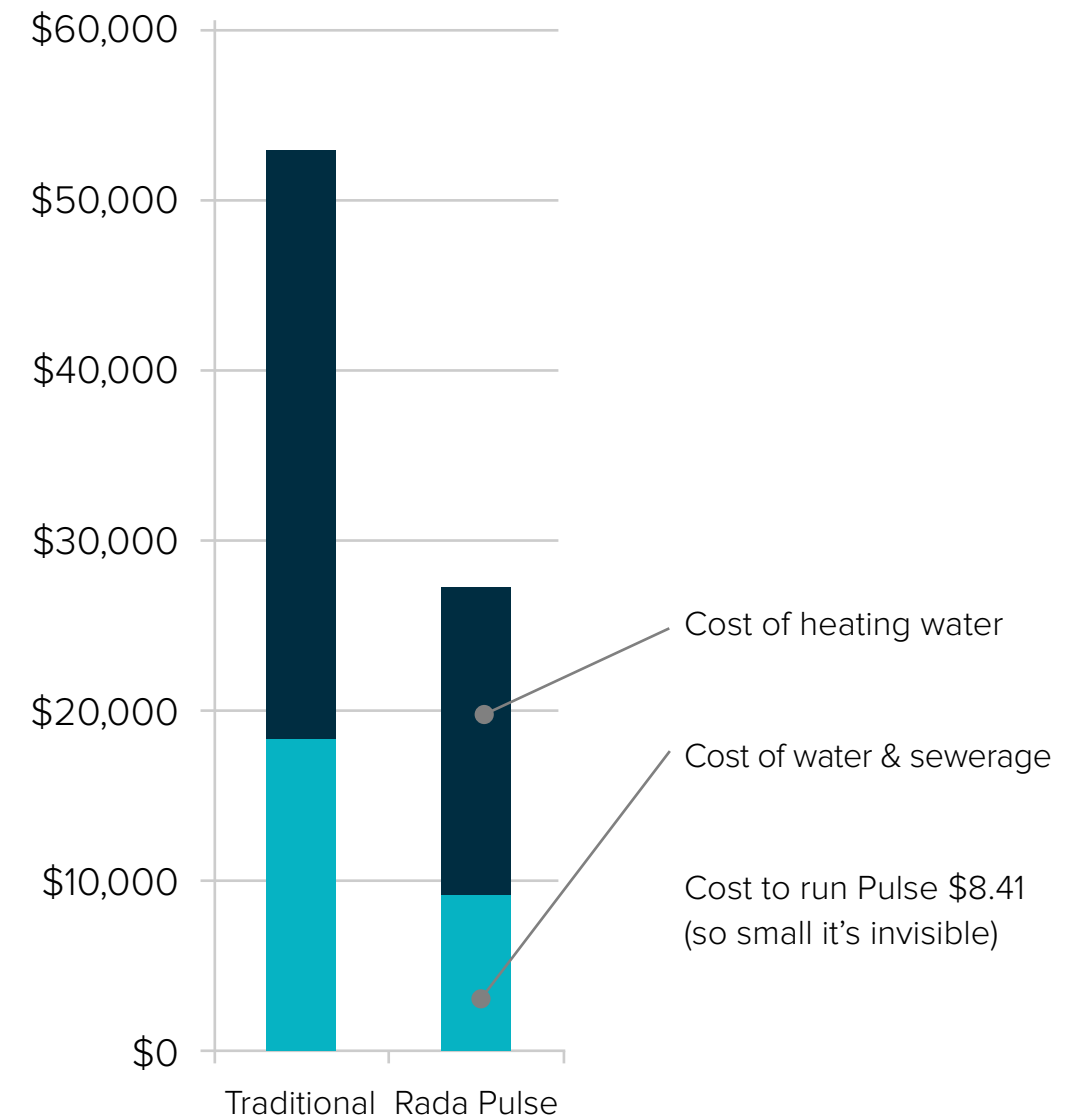
Shower time reduced from 5.5 mins to 3 mins with Rada Pulse. Flow rate reduce from 9 L/min to 8.5 L/min with the Rada VR105 showerhead.

***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 Vandal Resistant Showerheads

- ✓ Ideal for councils, schools, gyms, beaches etc.
- ✓ 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 VR106
(5.5 L/min)



Rada LR Head
(8.5 L/min ligature resistant
for showers and basins)





Rada Sense DMV

- ✓ Digital thermostatic mixing valve
- ✓ For basins and showers
- ✓ Often used in health care and end of trip facilities
- ✓ Health care facilities approved as a TMV



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





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

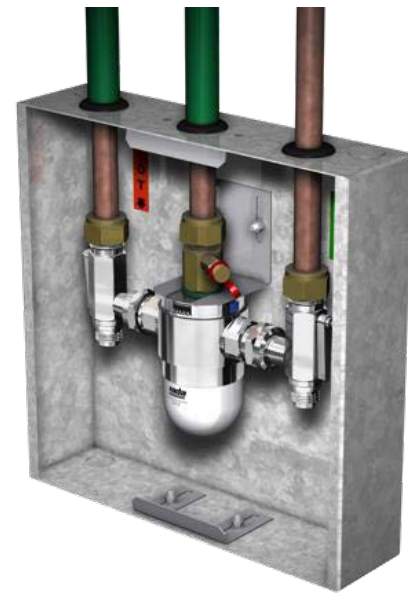
HEALTHCARE APPROVED



Rada 215dk



Rada 215dk
for exposed installation

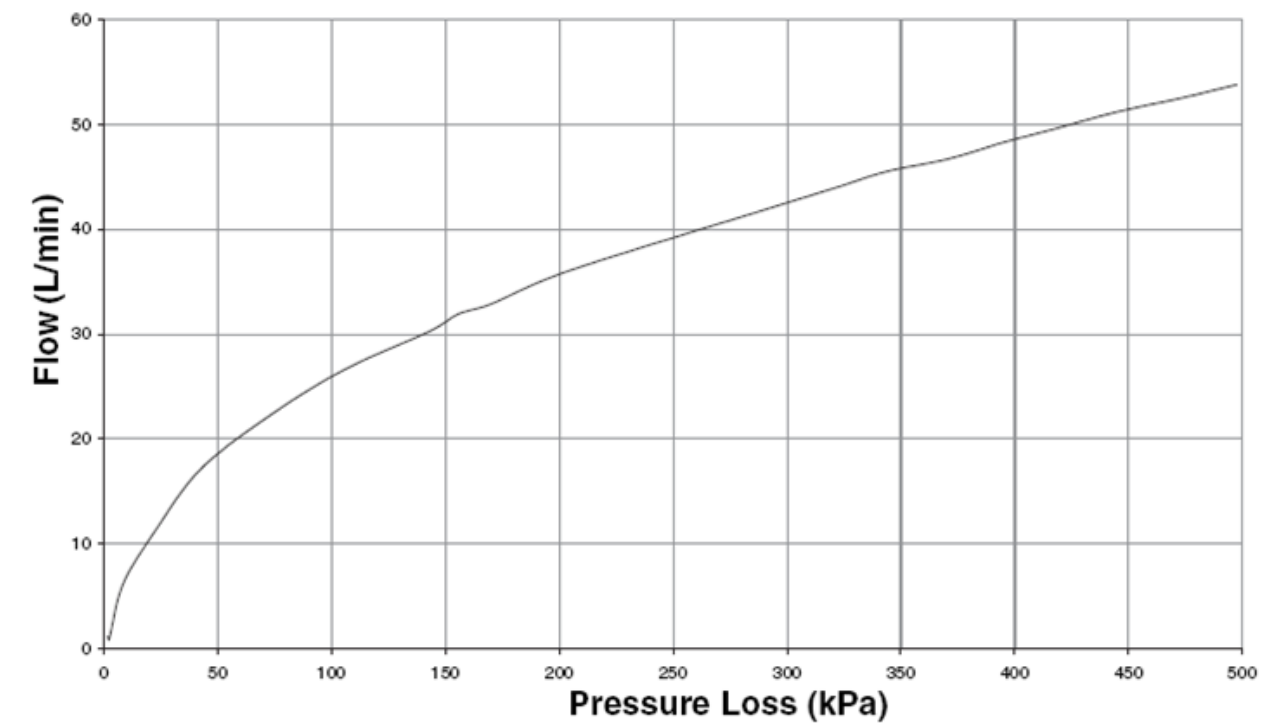


Rada 215dk
in recessed 300mm
galvanised box with
stainless steel lid



Rada 215bk
in SS 200mm
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



Rada 320 M
3/4" BSPM inlets & outlet

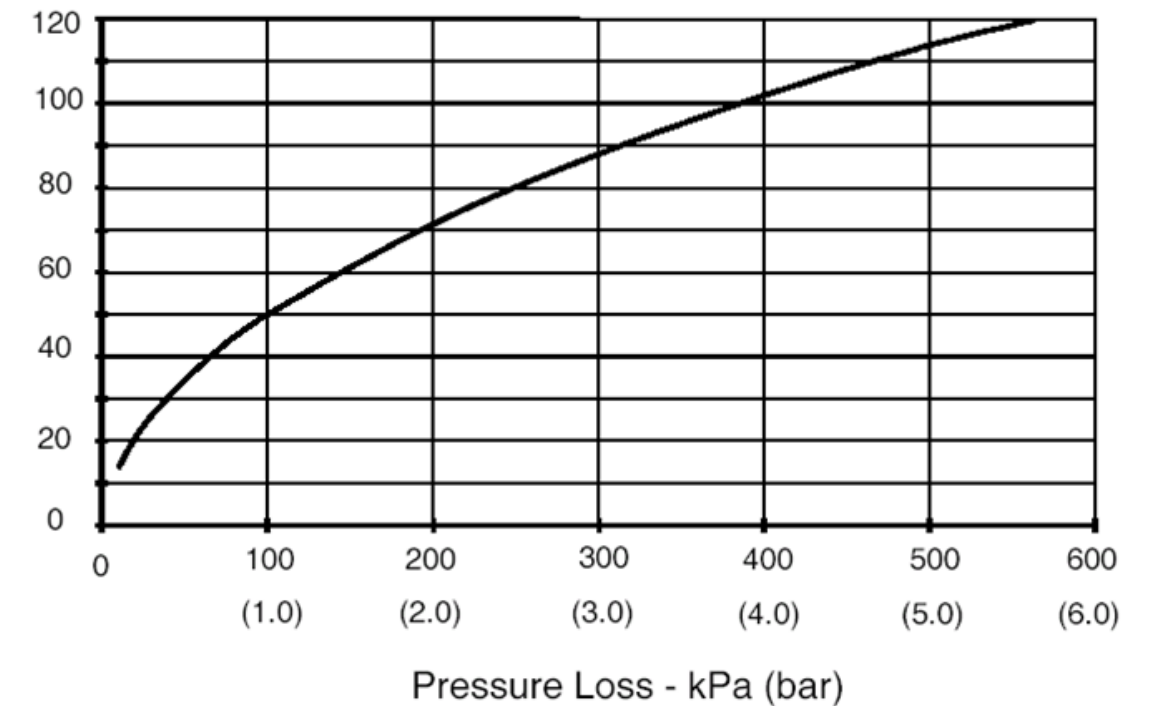


Rada 320 IF
1" BSPF inlets & outlet



Flow Rate
Litres/Min.

Flow Rate/Pressure Loss Graph



Please contact us for

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

Thank you.

Ask for a prepared Specification Proposal

STEP 1

- ✓ Provide us with details of your project

STEP 2

- ✓ We will provide you with a Specification Proposal which includes: Quantities, prices, images, lines drawings, specs, web link, etc.

