

## Food Processing – Commercial Bathroom Products Specification Information

The following document provides specification information of our commercial bathroom and kitchen products, specifically for food processing and fast food outlets. There are also other products in our range which can be found at the following sites:

Revit & ArchiCAD files: [www.thornthwaite.com.au/resources/bim-cad/](http://www.thornthwaite.com.au/resources/bim-cad/)

Website: [www.thornthwaite.com.au](http://www.thornthwaite.com.au)

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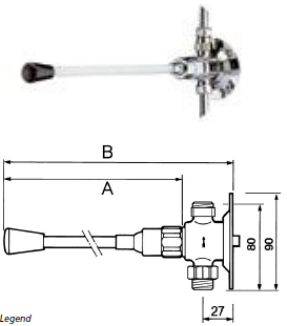
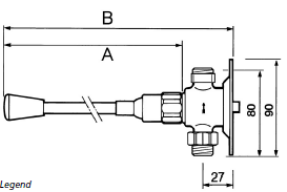
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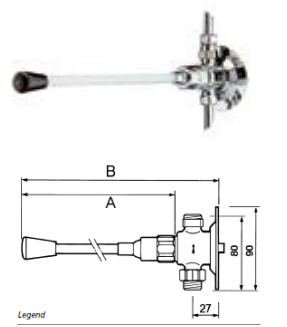
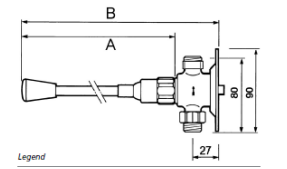
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## 1. FOOD PROCESSING VALVES


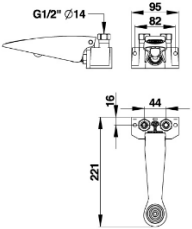
### 1.1. Presto 712 knee operated Lever valve – automatic shut-off

Supplier	Thornthwaite Technologies - 02 9417 4466	  <small>Legend</small> <table border="1"> <tr> <td></td> <td>712</td> <td>712 S</td> </tr> <tr> <td>A</td> <td>340</td> <td>180</td> </tr> <tr> <td>B</td> <td>390</td> <td>230</td> </tr> </table>		712	712 S	A	340	180	B	390	230
	712		712 S								
A	340		180								
B	390		230								
Models	P31685 – Presto 712 Knee valve 15 sec										
WELS	5 Stars 5.5 L/min										
Approval	AS/NZS 3718										
Material	Polished chrome plated DR brass										
Location	Hand Basin and Kitchen										
Other info	Applications: Food processing areas, Abattoirs										
Web links	<a href="http://www.thornthwaite.com.au/product/presto-712-knee-valve/">www.thornthwaite.com.au/product/presto-712-knee-valve/</a>										
Details to Specify	The Presto 712 knee operated valve is designed hands-free water activation where high levels of hygiene and infection control are required. Incorporates a self-cleaning mechanism to maintain shut off time, anti-corrosive and anti-liming internal components, dezincification-resistant (DR) brass. Approvals: AS/NZS 3718 & WELS 5 stars.										


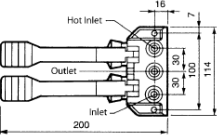
### 1.2. Presto 712 S knee operated Lever valve – automatic shut-off

Supplier	Thornthwaite Technologies - 02 9417 4466	  <small>Legend</small> <table border="1"> <tr> <td></td> <td>712</td> <td>712 S</td> </tr> <tr> <td>A</td> <td>340</td> <td>180</td> </tr> <tr> <td>B</td> <td>390</td> <td>230</td> </tr> </table>		712	712 S	A	340	180	B	390	230
	712		712 S								
A	340		180								
B	390		230								
Models	P31677 – Presto 712S Knee security version short lever										
WELS	5 Stars 5.5 L/min										
Approval	AS/NZS 3718										
Material	Polished chrome plated DR brass										
Location	Hand Basin and Kitchen										
Other info	Applications: Food processing areas, Abattoirs										
Web links	<a href="http://www.thornthwaite.com.au/product/presto-712-knee-valve/">www.thornthwaite.com.au/product/presto-712-knee-valve/</a>										
Details to Specify	Knee operated timed flow valve with automatic shut-off after 15 ± 5 seconds. Incorporates a self-cleaning mechanism, anti-corrosive and anti-liming internal components, dezincification-resistant (DR) brass body and 5.5 L/min flow regulator. With a short lever and S® security system to prevent continuous water flow. Approvals: AS/NZS 3718 & WELS 5 stars.										

### 1.3. Presto 520 foot operated valve – automatic shut-off


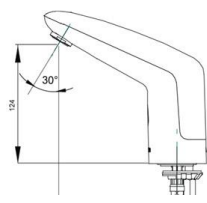
Supplier	Thornthwaite Technologies - 02 9417 4466	 
Models	P23605 Presto 520 Foot valve – Single pedal	
WELS	5 Stars 5.5 L/min	
Approval	AS/NZS 3718	
Material	Polished chrome plated DR brass. Pedal manufactured from Xenoy making it highly shock resistant, resistant to solvents and liquids used in industrial environments.	
Location	Hand Basin and Kitchen	
Other info	Applications: Food processing areas, Abattoirs	
Web links	<a href="http://www.thornthwaite.com.au/product/presto-520-foot-valve-single/">www.thornthwaite.com.au/product/presto-520-foot-valve-single/</a>	
Details to Specify	The Presto 520 single foot pedal valve is suitable for use in industrial applications where hygiene is critical. Incorporates a self-cleaning mechanism to maintain shut off time, anti-corrosive and anti-liming internal components, dezincification-resistant (DR) brass body and 5 L/min flow regulator. Approvals: AS/NZS 3718 & WELS 5 stars.	

### 1.4. Presto 530 dual foot operated valve – automatic shut-off


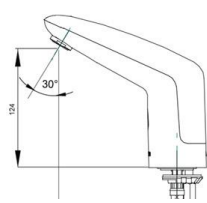
Supplier	Thornthwaite Technologies - 02 9417 4466	 
Models	P23635 Presto 520 Foot valve – Double pedal	
WELS	5 Stars 5.5 L/min	
Approval	AS/NZS 3718	
Material	Polished chrome plated DR brass	
Location	Hand Basin and Kitchen	
Other info	Applications: Food processing areas, Abattoirs	
Web links	<a href="http://www.thornthwaite.com.au/product/presto-530-foot-valve-dual/">www.thornthwaite.com.au/product/presto-530-foot-valve-dual/</a>	
Details to Specify	The Presto 530 double foot pedal valve is suitable for use in industrial applications where hygiene is critical. Incorporates a self-cleaning mechanism to maintain shut off time, anti-corrosive and anti-liming internal components, dezincification-resistant (DR) brass body and 5 L/min flow regulator. Approvals: AS/NZS 3718 & WELS 5 stars.	

## 2. HANDWASHING

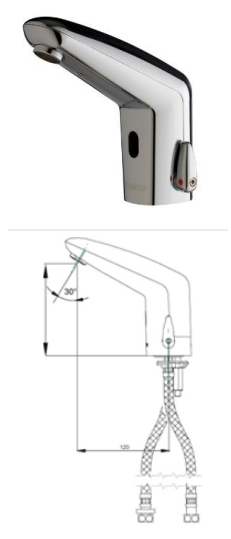
### 2.1. Presto Volta sensor tap - battery

Supplier	Thornthwaite Technologies - 02 9417 4466	 
Models	P55066 – Presto Volta sensor tap – battery	
WELS	6 Stars 4 L/min	
Approval	AS/NZS 3718	
Material	Polished chrome plated zinc alloy (ZAMAC) outer body casing	
Location	Hand Basin	
Other info	Compliant with AS 1428.1 – 2009 when used with particular basins.	
Web links	<a href="http://www.thornthwaite.com.au/product/presto-volta-sensor-tap/">www.thornthwaite.com.au/product/presto-volta-sensor-tap/</a>	
Details to Specify	Basin mounted sensor tap. Incorporates a 4 L/min flow regulator, infra-red sensor, solenoid valve and 6 volt lithium battery enclosed within the tap body (Battery version). Approvals: AS/NZS 3718, WELS 6 stars and AS 1428.1 – 2009 when used with particular basins.	

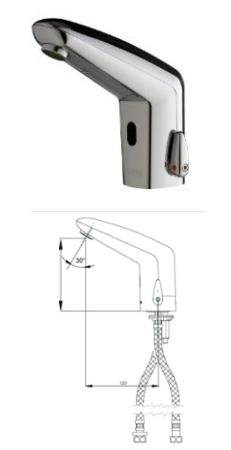
### 2.2. Presto Volta sensor tap - mains

Supplier	Thornthwaite Technologies - 02 9417 4466	 
Models	P55053 – Presto Volta sensor tap – mains	
WELS	6 Stars 4 L/min	
Approval	AS/NZS 3718	
Material	Polished chrome plated zinc alloy (ZAMAC) outer body casing	
Location	Hand Basin	
Other info	Compliant with AS 1428.1 – 2009 when used with particular basins.	
Web links	<a href="http://www.thornthwaite.com.au/product/presto-volta-sensor-tap/">www.thornthwaite.com.au/product/presto-volta-sensor-tap/</a>	
Details to Specify	Basin mounted sensor tap. Incorporates a 4 L/min flow regulator, infra-red sensor, solenoid valve enclosed within the tap body. External 240V AC/7V DC (IP65) transformer for connection to mains power. Approvals: AS/NZS 3718, WELS 6 stars and AS 1428.1 – 2009 when used with particular basins.	

### 2.3. Presto Volta sensor mixer tap - mains

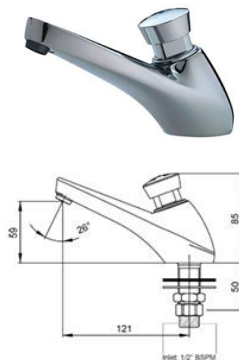
Supplier	Thornthwaite Technologies - 02 9417 4466	
Models	P55154 – Presto Volta sensor mixer tap - mains	
WELS	6 Stars 4 L/min	
Approval	AS/NZS 3718	
Material	Polished chrome plated zinc alloy (ZAMAC) outer body casing	
Location	Hand Basin	
Other info		
Web links	<a href="http://www.thornthwaite.com.au/product/presto-volta-sensor-tap/">www.thornthwaite.com.au/product/presto-volta-sensor-tap/</a>	
Details to Specify	Basin mounted sensor tap. Incorporates a 4 L/min flow regulator, infra-red sensor, solenoid valve enclosed within the tap body. External 240V AC/7V DC (IP65) transformer for connection to mains power. Approvals: AS/NZS 3718, WELS 6 stars.	

### 2.4. Presto Volta sensor mixer tap - battery


Supplier	Thornthwaite Technologies - 02 9417 4466	
Models	P55169 – Presto Volta sensor mixer tap - battery	
WELS	6 Stars 4 L/min	
Approval	AS/NZS 3718	
Material	Polished chrome plated zinc alloy (ZAMAC) outer body casing	
Location	Hand Basin	
Other info		
Web links	<a href="http://www.thornthwaite.com.au/product/presto-volta-sensor-tap/">www.thornthwaite.com.au/product/presto-volta-sensor-tap/</a>	
Details to Specify	Basin mounted sensor tap. Incorporates a 4 L/min flow regulator, infra-red sensor, solenoid valve and 6 volt lithium battery enclosed within the tap body. Approvals: AS/NZS 3718, WELS 6 stars.	

### 3. BATHROOM TAPWARE

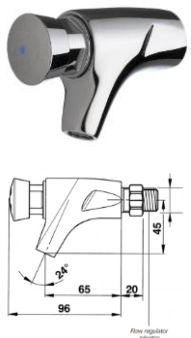
#### 3.1. Presto 605 timed flow tap - cold

Supplier	Thornthwaite Technologies - 02 9417 4466	
Models	P64608 – Presto 605 timed flow tap - cold 7.5 sec	
WELS	6 Stars 5 L/min	
Approval	AS/NZS 3718	
Material	Polished chrome plated DR brass	
Location	Hand Basin	
Other info		
Web links	<a href="http://www.thornthwaite.com.au/product/presto-605-timed-flow-tap/">www.thornthwaite.com.au/product/presto-605-timed-flow-tap/</a>	
Details to Specify	Basin-mounted timed flow push-button tap with automatic shut-off after 7.5 ± 2.5 seconds. Incorporates a self-cleaning mechanism, anti-corrosive and anti-liming internal components, dezincification-resistant (DR) brass body and 5 L/min flow regulator. Also available in the S® security system to prevent continuous water flow. Approvals: AS/NZS 3718, WELS 6 stars.	


#### 3.2. Presto 605 timed flow tap - warm

Supplier	Thornthwaite Technologies - 02 9417 4466	
Models	P64626 – Presto 605 timed flow tap - warm 7.5 sec	
WELS	6 Stars 5 L/min	
Approval	AS/NZS 3718	
Material	Polished chrome plated DR brass	
Location	Hand Basin	
Other info		
Web links	<a href="http://www.thornthwaite.com.au/product/presto-605-timed-flow-tap/">www.thornthwaite.com.au/product/presto-605-timed-flow-tap/</a>	
Details to Specify	Basin-mounted timed flow push-button tap with automatic shut-off after 7.5 ± 2.5 seconds. Incorporates a self-cleaning mechanism, anti-corrosive and anti-liming internal components, dezincification-resistant (DR) brass body and 5 L/min flow regulator. Also available in the S® security system to prevent continuous water flow. Approvals: AS/NZS 3718, WELS 6 stars.	

### 3.3. Presto 504 timed flow tap - cold

Supplier	Thornthwaite Technologies - 02 9417 4466	
Models	P63007 – Presto 504 timed flow tap - cold 7.5 sec	
WELS	6 Stars 5 L/min	
Approval	AS/NZS 3718	
Material	Polished chrome plated DR brass	
Location	Hand Basin	
Other info		
Web links	<a href="http://www.thornthwaite.com.au/product/presto-504-timed-flow-tap/">www.thornthwaite.com.au/product/presto-504-timed-flow-tap/</a>	
Details to Specify	Wall-mounted timed flow push-button tap with automatic shut-off after $7.5 \pm 2.5$ seconds. Incorporates a self-cleaning mechanism to maintain shut off time, anti-corrosive and anti-liming internal components, dezincification-resistant (DR) brass body and 5 L/min flow regulator. Also available in the S® security system to prevent continuous water flow. Approvals: AS/NZS 3718, WELS 6 stars.	

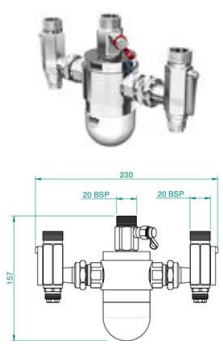
### 3.4. Presto 705 timed flow lever tap

Supplier	Thornthwaite Technologies - 02 9417 4466	
Models	P64654 – Presto 705 timed flow lever tap 7.5 sec	
WELS	6 Stars 5 L/min	
Approval	AS/NZS 3718	
Material	Polished chrome plated DR brass	
Location	Hand Basin	
Other info	Compliant with AS 1428.1 – 2009 when used with particular basins.	
Web links	<a href="http://www.thornthwaite.com.au/product/presto-705-timed-flow-tap/">www.thornthwaite.com.au/product/presto-705-timed-flow-tap/</a>	
Details to Specify	Basin-mounted timed flow lever operated tap with automatic shut-off after $7.5 \pm 2.5$ seconds. Incorporates a self-cleaning mechanism to maintain shut off time, anti-corrosive and anti-liming internal components, dezincification-resistant (DR) brass body and 5 L/min flow regulator. Approvals: AS/NZS 3718, WELS 6 stars and AS 1428.1 – 2009 when used with particular basins.	

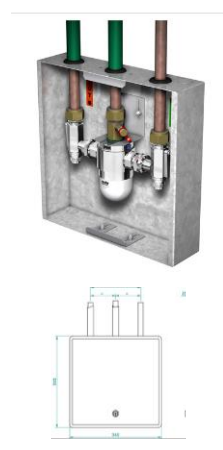


## 4. THERMOSTATIC MIXING VALVES


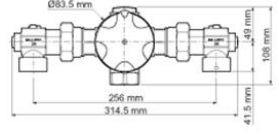
### 4.1. Rada 215dk in a kit thermostatic mixing valve

Supplier	Thornthwaite Technologies - 02 9417 4466	
Models	40861EK – Rada 215dk for exposed installation	
Approvals	AS 4032.1; NSW Health Approved	
Material	Chrome plated brass	
Location	Bathroom	
Other info		
Web links	<a href="http://www.thornthwaite.com.au/product/rada-215dk-thermostatic-mixing-valve-with-exposed-kit/">www.thornthwaite.com.au/product/rada-215dk-thermostatic-mixing-valve-with-exposed-kit/</a>	
Details to Specify	Rada 215dk thermostatic mixing valve with installation kit for exposed installation. Flow rate 2.5 - 50 L/min. Incorporating a sealed-for-life Radatherm cartridge; inlet check valve & strainer cartridges; inlet isolating ball valves; outlet temperature test point. Inlets and outlet 3/4" BSPM. AS 4032.1; NSW Health Approved	

### 4.2. Rada 215dk thermostatic mixing valve in a 300mm recessed box

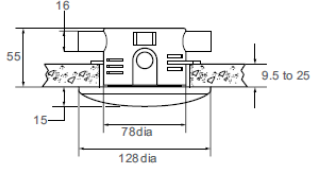
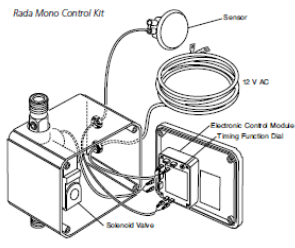
Supplier	Thornthwaite Technologies - 02 9417 4466	
Models	40861RB300 – Rada 215dk TMV in a recessed galvanised box with stainless steel lid	
Approvals	AS 4032.1; NSW Health Approved	
Material	Stainless steel lid	
Location	Bathroom	
Other info		
Web links	<a href="http://www.thornthwaite.com.au/product/rada-215dk-thermostatic-mixing-valve-in-a-box/">www.thornthwaite.com.au/product/rada-215dk-thermostatic-mixing-valve-in-a-box/</a>	
Details to Specify	Rada 215dk TMV in a recessed galvanised (300 x 300 x 75mm) box with stainless steel lid. Flow rate 2.5 - 50 L/min. Incorporating a sealed-for-life Radatherm cartridge; inlet check valve & strainer cartridges; inlet isolating ball valves; outlet temperature test point; and 20mm copper inlet & outlet pipework. AS 4032.1; NSW Health Approved	

### 4.3. Rada 320 IF thermostatic mixing valve


Supplier	Thornthwaite Technologies - 02 9417 4466	 
Models	1847.014 – Rada 320 IF Thermostatic Mixing Valve	
Approvals	AS 4032.1; NSW Health Approved	
Material	Chrome plated brass	
Location	Bathroom	
Other info	The Rada 320oem is also available	
Web links	<a href="http://www.thornthwaite.com.au/product/rada-320-if-thermostatic-mixing-valve/">www.thornthwaite.com.au/product/rada-320-if-thermostatic-mixing-valve/</a>	
Details to Specify	Rada 320cx thermostatic mixing valve. Flow rate 6 - 120 L/min. Incorporating a sealed-for-life Radatherm cartridge; isolating ball valves, inlet check-valves & strainers plus 1" BSPF connections AS 4032.1; NSW Health Approved	

## 5. URINAL FLUSHING – INDIVIDUAL CONTROL

### 5.1. Rada Mono 125 urinal flushing sensor system – single stall

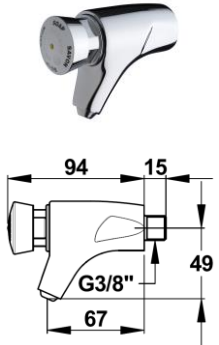
Supplier	Thornthwaite Technologies - 02 9417 4466	 
Models	850931 – Rada Mono 125 flushing system - for urinals (1 stall)	
WELS	4 stars 1.4 litres per flush per stall	
Approval	ATS 5200.020	
Material	Engineering plastic	
Location	Urinals	
Other info		
Web links	<a href="http://www.thornthwaite.com.au/product/rada-mono-125-126-urinal-sensor/">www.thornthwaite.com.au/product/rada-mono-125-126-urinal-sensor/</a>	
Details to Specify	Each urinal to be served by one ceiling mounted Rada Mono 125 sensor operating system. Complete with passive infra-red sensor, 1/2" BSPM solenoid valve, isolating ball valve, air-gap and control module. WELS: 4 stars   1.4 litres per flush per stall   ATS 5200.020	

## 5.2. Rada Mono 122 sensor system for urinals


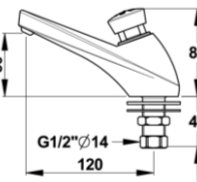
Supplier	Thornthwaite Technologies - 02 9417 4466	
Models	850911 – Rada Mono 122 sensor operating system - for single stall or single wall-hung urinals.	
WELS	1.4 litres per flush per stall	
Approval	ATS 5200.020	
Material	Chromium plated durable engineering plastic	
Location	Showers	
Other info	Electrician to provide 240 VAC power. Install offset to showerhead.	
Web links	<a href="http://www.thornthwaite.com.au/product/rada-mono-122-urinal-sensor/">www.thornthwaite.com.au/product/rada-mono-122-urinal-sensor/</a>	
Details to Specify	Each urinal stall to be served by one wall mounted Rada Mono 122 urinal flushing system for 'no-touch' flushing. Complete with active infra-red sensor, 1/2" BSPM solenoid valve, isolating ball valve and air gap. WELS: 4 stars   1.4 litres per flush per stall   ATS 5200.020	

## 6. PRESTO VANDAL RESISTANT SOAP DISPENSERS


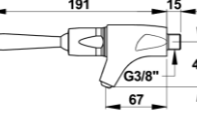
### 6.1. Presto 904 Soap Dispenser Wall Mounted Push Button (3/8")

Supplier	Thornthwaite Technologies - 02 9417 4466	
Model	P37100 – Presto 904 Soap Dispenser Wall Mounted Push Button (3/8")	
Material	Polished chrome plated brass	
Location	Wall	
Soap Type	Liquid soap (viscosity range:100–3800cPs) (pH Neutral): Pure Coprah liquid soap diluted to 4.5 % or equivalent, such as soaps using olive and palm oils with a high percentage of coconut oil is recommended. Do not use soapy detergents. Soap tank sold separately.	
Web links	<a href="http://www.thornthwaite.com.au/product/presto-904-wall-mounted-soap-dispenser/">www.thornthwaite.com.au/product/presto-904-wall-mounted-soap-dispenser/</a>	
Details to Specify	Compatible with centralised liquid soap dispenser systems. For a centralised tank system, the tank must be located at the highest point of the installation and the soap is dispensed by gravity. For a pressurised circuit system, an electric pump unit with the tank supplies the liquid soap.	

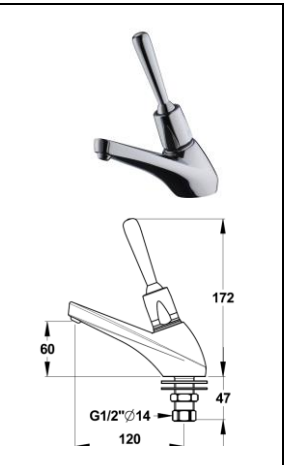
### 6.2. Presto 905 Soap Dispenser Basin Mounted Push Button (1/2")

Supplier	Thornthwaite Technologies - 02 9417 4466	 
Model	P37601 – Presto 905 Soap Dispenser Basin Mounted Push Button (1/2")	
Material	Polished chrome plated brass	
Location	Hand Basin	
Soap Type	Liquid soap (viscosity range: 100–3800cPs) (pH Neutral): Pure Coprah liquid soap diluted to 4.5 % or equivalent, such as soaps using olive and palm oils and a high percentage of coconut oil is recommended. Do not use soapy detergents. Soap tank sold separately.	
Web links	<a href="http://www.thornthwaite.com.au/product/presto-905-basin-mounted-soap-dispenser/">www.thornthwaite.com.au/product/presto-905-basin-mounted-soap-dispenser/</a>	
Details to Specify	Compatible with centralised liquid soap dispenser systems. For a centralised tank system, the tank must be located at the highest point of the installation and the soap is dispensed by gravity. For a pressurised circuit system, an electric pump unit with the tank supplies the liquid soap.	

### 6.3. Presto 914 Soap Dispenser Wall Mounted with Lever (3/8")

Supplier	Thornthwaite Technologies - 02 9417 4466	 
Model	P37910 – Presto 914 Soap Dispenser Wall Mounted with Lever (3/8")	
Material	Polished chrome plated brass	
Location	Wall	
Soap Type	Liquid soap (viscosity range: 100–3800cPs) (pH Neutral): Pure Coprah liquid soap diluted to 4.5 % or equivalent, such as soaps using olive and palm oils with a high percentage of coconut oil is recommend. Do not use soapy detergents. Soap tank sold separately.	
Web links	<a href="http://www.thornthwaite.com.au/product/presto-914-wall-mounted-soap-dispenser/">www.thornthwaite.com.au/product/presto-914-wall-mounted-soap-dispenser/</a>	
Details to Specify	Compatible with centralised liquid soap dispenser systems. For a centralised tank system, the tank must be located at the highest point of the installation and the soap is dispensed by gravity. For a pressurised circuit system, an electric pump unit with the tank supplies the liquid soap.	

**6.4. Presto 915 Soap Dispenser Basin Mounted with Lever (1/2")**

Supplier	Thornthwaite Technologies - 02 9417 4466	
Model	P37906 – Presto 915 Soap Dispenser Basin Mounted with Lever (1/2")	
Material	Polished chrome plated brass	
Location	Hand Basin	
Soap Type	Liquid soap (viscosity range:100–3800cPs) (pH Neutral): Pure Coprah liquid soap diluted to 4.5 % or equivalent, such as soaps using olive and palm oils with a high percentage of coconut oil is recommended. Do not use soapy detergents. Soap tank sold separately.	
Web links	<a href="http://www.thornthwaite.com.au/product/presto-915-basin-mounted-soap-dispenser/">www.thornthwaite.com.au/product/presto-915-basin-mounted-soap-dispenser/</a>	
Details to Specify	Compatible with centralised liquid soap dispenser systems. For a centralised tank system, the tank must be located at the highest point of the installation and the soap is dispensed by gravity. For a pressurised circuit system, an electric pump unit with the tank supplies the liquid soap.	