

In commercial and public areas where an instant, reliable and significant source of hot water is required, we provide heavy duty hot water heating and storage systems.



Our low and mains pressure commercial hot water cylinders are widely used in hotels, motels, camping grounds, schools, hospitals, student and aged facilities, golf courses, sports clubs and gyms, factories and more throughout New Zealand. All of our commercial hot water cylinders are made in New Zealand to meet both New Zealand and Australian standards.

With over 25 years in research and development, our commercial hot water systems are proven as both effective and energy efficient in the most demanding and high-use environments.

- Mains pressure sizes from 33 to 1000 litres capacity
- Low pressure sizes from 10 to 800 litres capacity
- We can include fittings of up to 5" (125mm) for mains pressure and 1½" (40mm) for low and medium pressure
- We can include multiple fittings if several heat sources are used
- Coils or multiple coils can be specified for any indirect heat source such as boilers, solar and hot water heat pumps
- Additional electric heating elements from 1 – 6kW
- Three phase from 3 – 18 kW
- Direct connections can be included for heating from solar, hot water heat pumps, gas califonts, etc.
- Scavenger coils can be included to transfer heat for the purpose of under floor heating
- Ring main connections
- Probe pockets to mount sensors and probes into the HWC for measurement and control
- Fully insulated and cased to NZ MEPS.
- Galvanised outer case is standard but can be specified with a stainless steel outer case if there is a potentially corrosive environment or if the cylinders are visible to the public



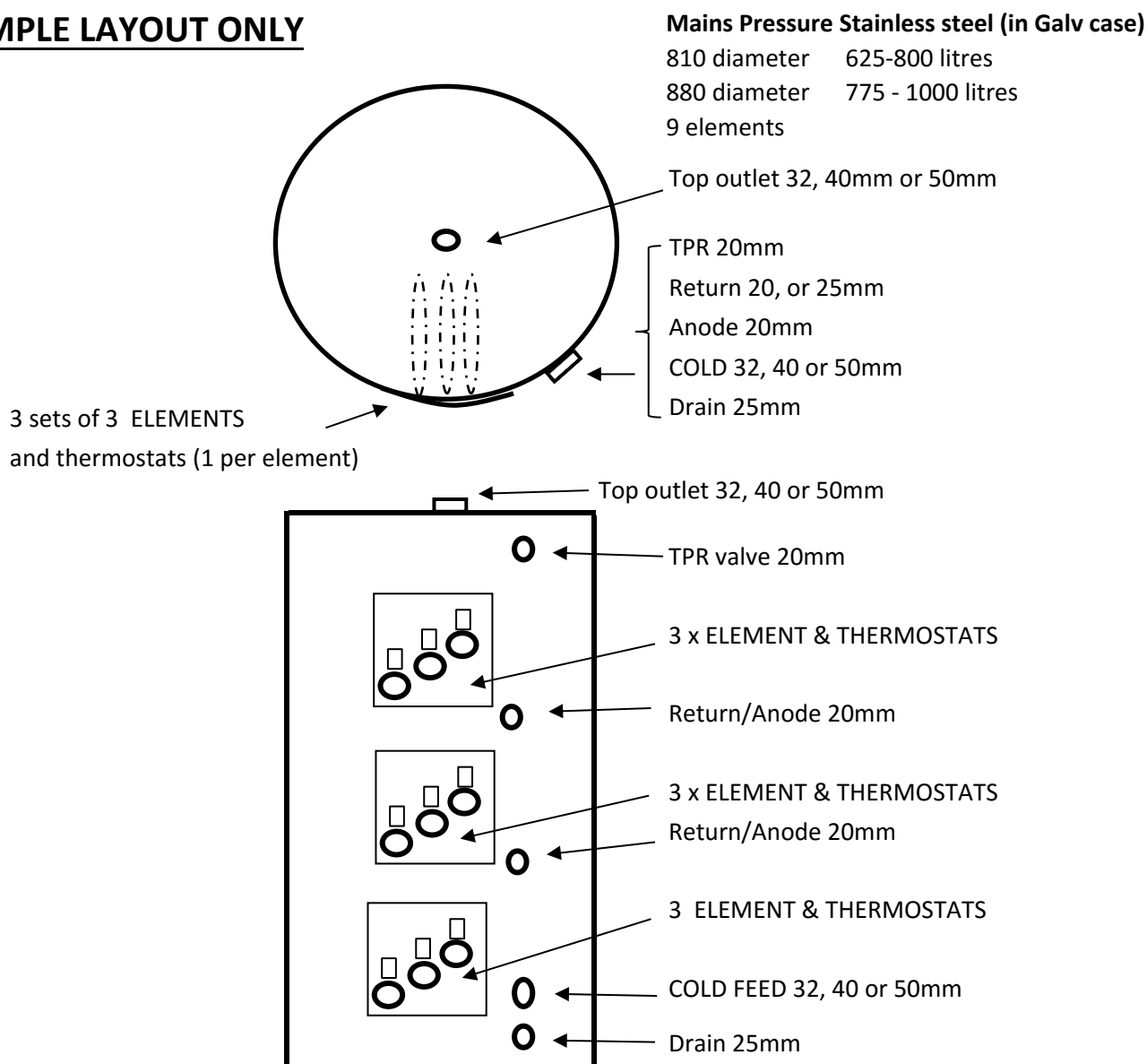
We are happy to provide advice regarding the size and layout of commercial hot water cylinders to ensure your needs are met.

Our 1,000 litre mains pressure commercial cylinders are available in both 500kPa and 800kPa. Options are as follows:

- Height 2,380mm
- Diameter 880mm
- Elements – from 5kW
- Standard and high temperature thermostats available
- 25mm diameter coils from 10m length
- Welded probe pockets
- Fittings from ½" to 5"
- Standard cold inlets and hot outlets are 1 ½" (40mm), other sizes available
- TPR supplied
- Scavenger coils to transfer heat for the purpose of under floor heating
- Extra fittings for solar or hot water heat pump systems
- Ring main connections
- Extra cylinder connections from ½" (15mm) to 5" (125mm)
- Probe pockets to mount sensors and probes into the HWC for measurement and control
- Stainless steel or galvanised steel outer case

**For technical assistance contact us on +64 3 389 9500
Or email us info@superheat.nz**

EXAMPLE LAYOUT ONLY



Valve vented Cylinder Mains pressure (typical sizes)	625 litre	810x1900	650 litre	810x1970	700 litre	810x2100
	750 litre	810x2230	800 litre	810x2380	850 litre	880x2070
	775 litre	880x1900	800 litre	880x1960	1000 litre	880x2380
	900 litre	880x2170	950 litre	880x2280		

Stainless steel inner barrel fully insulated (NZ MEPS) in galvanised casing

Cold feed & Hot out	32mm, 40mm or 50mm	
Element & thermostat	2,3,3.6,4,5 or 6kW	3 x upper + 3 thermostats (control + overtemp)
	2,3,3.6,4,5 or 6kW	3 x mid + 3 thermostats (control + overtemp)
	2,3,3.6,4,5 or 6kW	3 x lower + 3 thermostats (control + overtemp)
Additional connections	20mm TPR	
	25mm Drain	
	20mm return	
	20mm with Anode fitted.	
Pressure rating	Max inlet Pressure 500kPa * 20mm	
TPR	850kPa (valve included)	