

Dairy hot water cylinders are specialty cylinders used to heat water to above 85 degrees for cleaning and wash downs in dairy milking sheds. These types of batch cylinders have also been supplied to other industries such as wineries for wash down purposes.

Dairy cylinders are “drawdown” cylinders which means that they have the hot outlet near the bottom of the cylinder allowing hot water to be gravity drained rapidly into wash tanks where cleaning chemicals are added.

Dairy cylinders have either a copper or stainless steel barrel. Selection of the barrel material may depend on the water quality. Both copper and stainless steel can be corroded by low pH levels so it is recommended that water testing is done for new sites. For example, copper may not be suitable in areas with high nitrates and similarly stainless steel cylinders may not be suitable in areas with high chlorides, etc.

Outer cases for copper inner barrel dairy cylinders are galvanised steel or stainless steel which is more resistant to corrosion. The outer cases for stainless steel inner barrel cylinders are normally stainless steel however Superheat has a range of 5 sizes with blue plastic cases.

Typical sizes from 180 litres to 1,500 litres.



STAINLESS INNER BARREL WITH POLISHED STAINLESS STEEL OUTER CASE

CODE	LITRES	DIAMETER	HEIGHT	kW
D350710SS	350	710	1670	2 x 3
D400710SS	400	710	1860	2 x 3
D450710SS	450	710	2020	2 x 3
D450810SS	450	810	1700	2 x 3
D500810SS	500	810	1850	2 x 3
D600810SS	600	810	2100	3 x 3
D700810SS	700	810	2370	3 x 3
D700915SS	700	915	1870	3 x 3
D800915SS	800	915	2080	3 x 3

Other sizes available on request

STAINLESS INNER BARREL WITH BLUE PLASTIC OUTER CASE

CODE	LITRES	DIAMETER	HEIGHT	kW
DSSP600	600	900	1650	3 x 3
DSSP800	800	1170	1380	3 x 3
DSSP1000	1000	1170	1600	3 x 5
DSSP1200	1200	1170	1820	3 x 5
DSSP1500	1500	1170	2160	3 x 5

When ordering Dairy cylinders please specify layout Left-hand or Right-hand

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

**COPPER INNER BARREL WITH GALVANISED STEEL (DC) or
POLISHED STAINLESS STEEL (DSS) OUTER CASE**



GALV CASING	SS CASING	LITRES	DIAMETER	HEIGHT	kW
DC180610	DSS180610	180	610	1350	1 x 3
DC200610	DSS200610	200	610	1350	1 x 3
DC225610	DSS225610	225	610	1560	1 x 3
DC250760	DSS250760	250	760	1275	1 x 3
DC270610	DSS270610	270	610	1790	1 x 3
DC270710	DSS270710	270	710	1400	1 x 3
DC270810	DSS270810	270	810	1050	1 x 3
DC300710	DSS300710	300	710	1400	1 x 3
DC300810	DSS300810	300	810	1300	1 x 3
DC350710	DSS350710	350	710	1660	2 x 3
DC350760	DSS350760	350	760	1580	2 x 3
DC350810	DSS350810	350	810	1400	2 x 3
DC400710	DSS400710	400	710	1820	2 x 3
DC450710	DSS450710	450	710	2090	2 x 3
DC450760	DSS450760	450	760	1875	2 x 3
DC450810	DSS450810	450	810	1600	2 x 3
DC450915	DSS450915	450	915	1300	2 x 3
DC500710	DSS500710	500	710	2200	2 x 3
DC500810	DSS500810	500	810	1710	2 x 3
DC500915	DSS500915	500	915	1400	2 x 3
DC600810	DSS600810	600	810	1900	3 x 3
DC600915	DSS600915	600	915	1550	3 x 3
DC700810	DSS700810	700	810	2200	3 x 3
DC700915	DSS700915	700	915	1740	3 x 3
DC800915	DSS800915	800	915	1835	3 x 3
DC8001160	DSS8001160	800	1160	1400	3 x 3
DC1000915	DSS1000915	1000	915	2300	3 x 3
DC10001160	DSS10001160	1000	1160	1650	3 x 3
DC1200915	DSS1200915	1200	915	2800	3 x 5
DC12001160	DSS12001160	1200	1160	1900	3 x 5
DC15001160	DSS15001160	1500	1160	2270	3 x 5

Other sizes available on request

All Dairy Cylinders include:

- Elements & thermostats
- Outlet valve and drain valve
- Overflow fitting
- Sight glass
- Temperature Gauge

Spare parts available on request



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Date: _____

Send to Superheat Ltd

Company Name: _____

Via Fax: 03 389 9666
Or email: info@superheat.nz

Delivery Address: _____

Order No.: _____

Date Req'd: _____

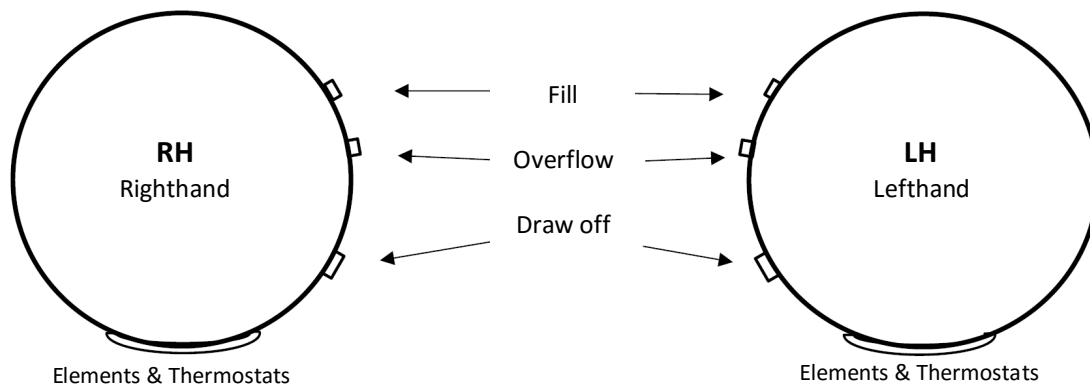
Contact Name: _____

Phone: _____

Cylinders required:

Code	Capacity	Diameter	Casing	Orientation	Quantity

Normal Orientations:

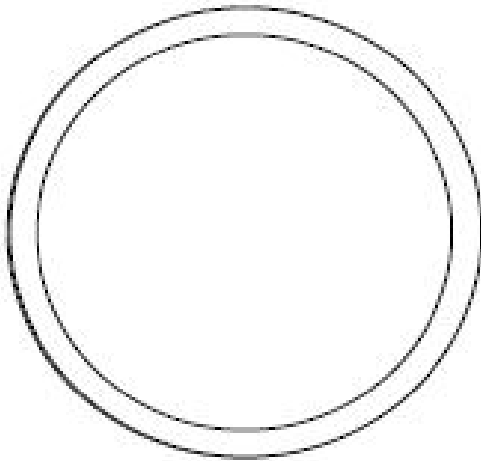


If you require a special layout, please supply a separate sketch or ring us for assistance.

All Superheat Dairy cylinders are
Manufactured to NZS4602



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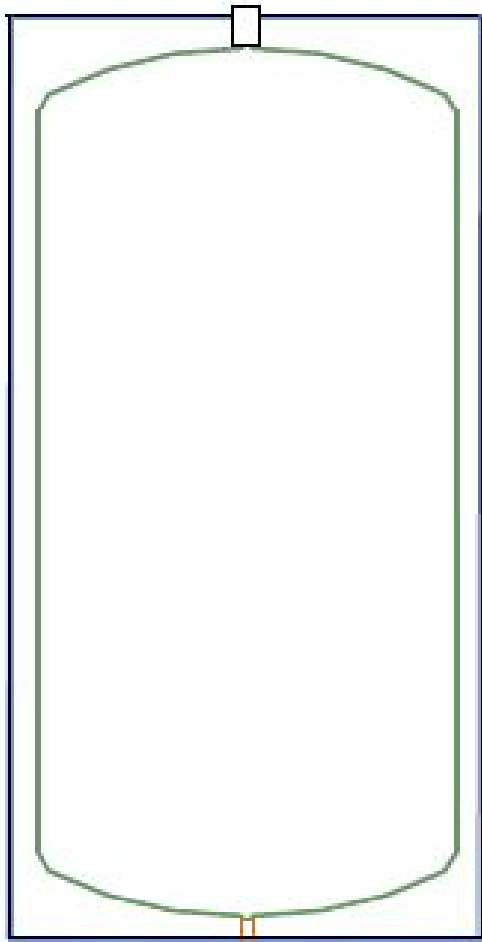


COMPANY	
REFERENCE	

PRESSURE	
VOLUME	
MAX WIDTH	
MAX HEIGHT	
ELEMENTS	

Please mark preferred positions of all connections, coils, elements, etc.

Notes:



Standard cylinders:
Top hot out

