

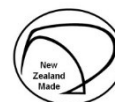
**Dairy hot water cylinders** are specialty cylinders used to heat water to above 85 degrees for cleaning and wash downs in dairy milking sheds. These types of batch cylinders have also been supplied to other industries such as wineries for wash down purposes.

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      | 2010   | 2 x 3 |
| D450810SS | 450    | 810      | 1690   | 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](mailto: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      | 1280   | 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      | 1575   | 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      | 1880   | 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**



**For technical assistance contact us on +64 3 389 9500  
Or email us [info@superheat.nz](mailto:info@superheat.nz)**

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: \_\_\_\_\_

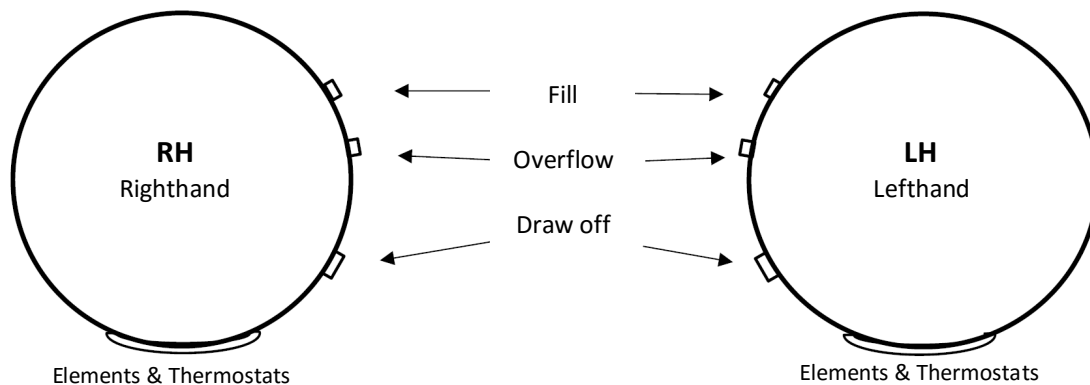
\_\_\_\_\_

Phone: \_\_\_\_\_

Cylinders required:

| Code | Capacity | Diameter | Casing | Orientation | Quantity |
|------|----------|----------|--------|-------------|----------|
|      |          |          |        |             |          |
|      |          |          |        |             |          |
|      |          |          |        |             |          |
|      |          |          |        |             |          |

**Normal Orientations:**

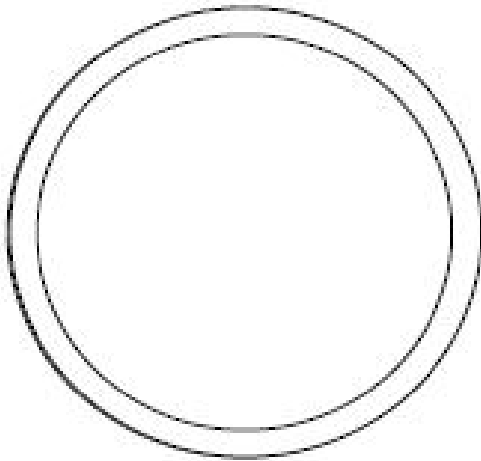


If you require a special layout, please supply a separate sketch or ring us for assistance.

All Superheat Dairy cylinders are  
Manufactured to NZS4602



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

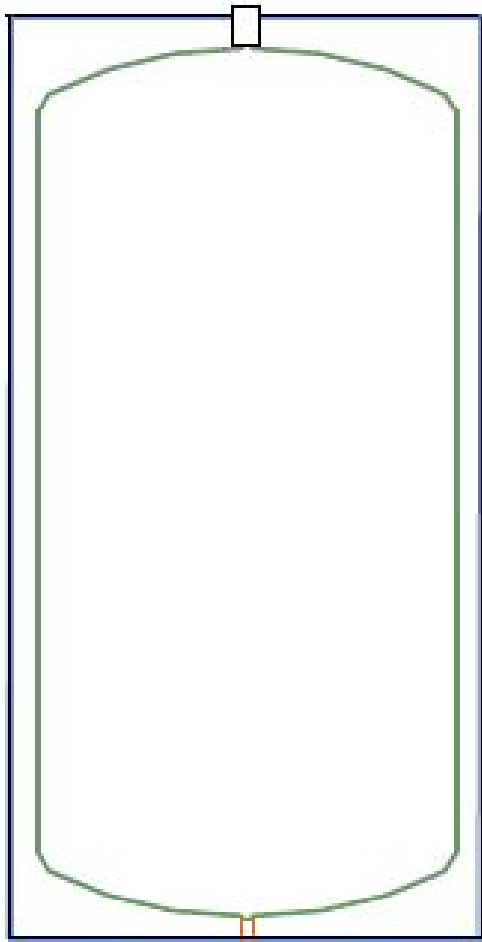


|                  |  |
|------------------|--|
| <b>COMPANY</b>   |  |
| <b>REFERENCE</b> |  |

|                   |  |
|-------------------|--|
| <b>PRESSURE</b>   |  |
| <b>VOLUME</b>     |  |
| <b>MAX WIDTH</b>  |  |
| <b>MAX HEIGHT</b> |  |
| <b>ELEMENTS</b>   |  |

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

Notes:



Standard cylinders:  
Top hot out

