



PS & PSS BUFFER VESSELS

Heating & Chilled Water

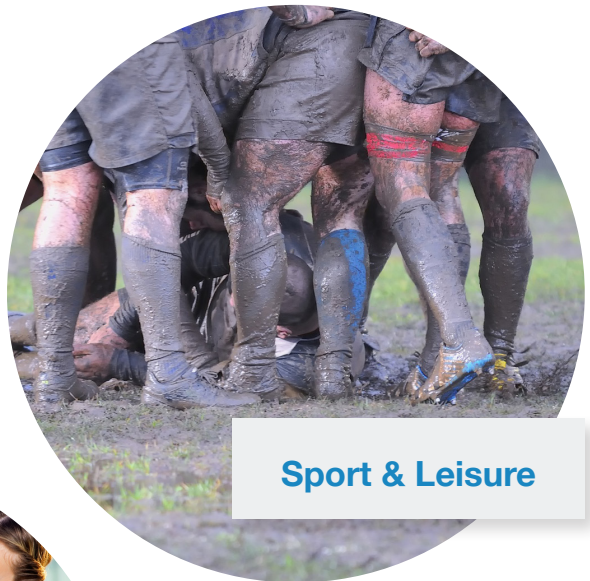


Applications

- Care Homes
- Student Accommodation
- Sports & Leisure
- Hotels
- Restaurants
- Accommodation



Accommodation



Sport & Leisure



Care Homes



About CHWS

CHWS Ltd, was established as a Bosch recognised supplier of high quality commercial and industrial hot water generators and storage vessels for use with the Bosch Commercial & Industrial range of boilers and water heaters.

Nationwide

From our headquarters near Bristol, our products are available through all major merchants across the UK.

Products

CHWS is now pleased to be able to provide a range of Stainless Steel Hot Water Generators, Packaged Plate Heat Exchangers, Buffer Vessel and Calorifiers direct to the UK HEVAC market. Our products are of the highest technical standards and offer cost effective solutions to all commercial hot water projects.

- Packaged Plate Heat Exchangers
- Calorifiers
- Semi instantaneous Hot Water Generators
- Plate Heat Exchangers
- Buffer Vessels
- Worcester Bosch Gas Fired Water Heaters

Heating & Chilled Water Buffer Vessel Range

PS: Thermal Store

Mild steel buffer vessel range suitable for use with heating water.

PSS: Chilled Water Storage

Suitably insulated buffer vessel range suitable for use with chilled water.

Our range of buffer vessels are available with or without insulation. Other sizes and specifications are available upon request – please contact CHWS for more information



CHWS are proud to be CIBSE Patrons.



PS: Thermal Store

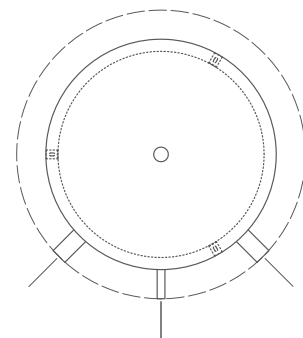
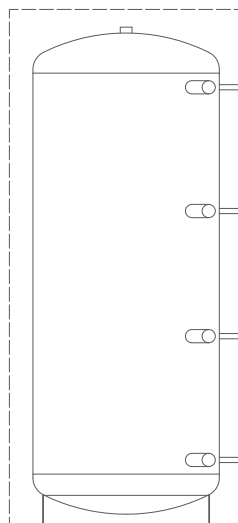
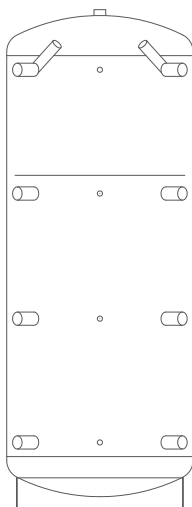
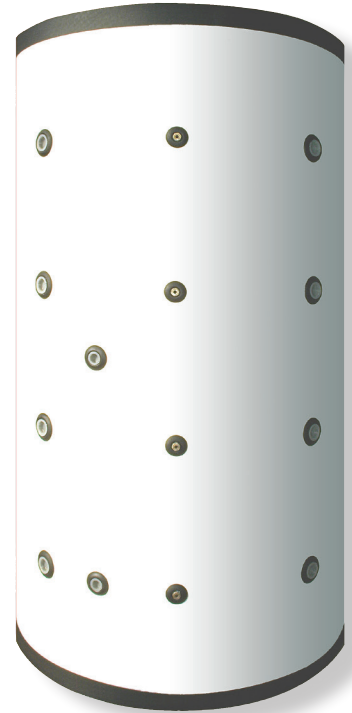
Buffer vessel range suitable for use with heating water.

PS: Thermal Store Range

A range of Mild Steel heating water buffer vessels available in huge capacities, up to 5000 litres as standard with numerous tappings for added design and installation flexibility.

Inspection hatches and coils available as optional extras. All PS Thermal Store units are available with factory fitted insulation or without, and options are available for Rockwool Insulation and Stucco Aluminum finish.

Units are also available for horizontal installation.



PS: Thermal Store

Construction Data

Capacity (litres)	500	800	1000	1500	2000	2500	3000	4000	5000
Insulation Thickness (mm)	100								
Max Op Temp (Deg C)	95								
Standing Losses w/24hr	95	174	193	250	305	325	344	421	455
Weight	120	170	190	240	330	350	400	460	555
Max Working Pressure (bar)	3								

Height (mm)	1775	1800	2190	2165	2480	2220	2720	2645	2870
Diameter (mm)	850	990	990	1200	1300	1450	1450	1700	1800

Construction Material	High Quality Mild Steel								
Insulation Type	Soft / Hard Polyutherane, Rockwool & Aluminium Stucco, Armaflex / Skay Jacket options								
Arrangement	Vertical								
Standards	2010/30/EU, 2009/125/CE, 97/23/CE Art. 3.3								

* other sizes available upon request

Connections

PS: Thermal Store

	Quantity	300 - 5000
1. Air Vent	1	1 1/4"
2. Inlet / Outlet Connections	8	1 1/2"
3. Probe Connection	4	1/2"

* other connection sizes available & Also available: Flanged Inspection Hatches, Heating Water Vessels with Heating Coils



PSS: Chilled Water Storage Cylinder Range

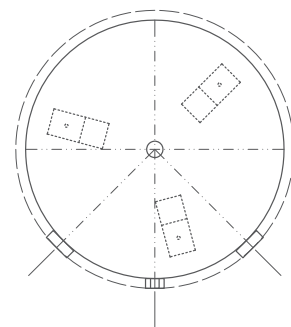
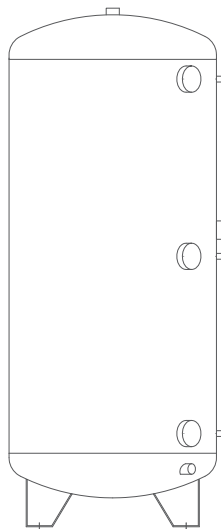
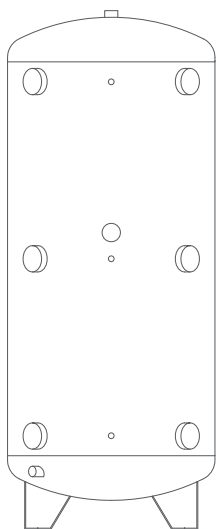
Buffer vessel range suitable for use with chilled water

PSS Chilled Water Storage Vessel Range

A range of Mild Steel chilled water buffer vessels available in huge capacities, up to 2000 litres as standard with numerous tappings for added design and installation flexibility.

Inspection hatches and coils available as optional extras. All PSS Chilled Water Storage Vessel units are available with factory fitted insulation or without, and options are available for Rockwool Insulation and Stucco Aluminum finish.

Units are also available for horizontal installation.



PSS: Chilled Water Storage

Construction Data

Capacity (litres)	500	800	1000	1500	2000
Insulation Thickness (mm)	50				
PEXL Insulation (mm)	30				
Max Op Temp (Deg C)	95				
Standing Losses w/24hr	95	174	193	250	305
Weight	120	170	190	240	330
Max Working Pressure (bar)	6	3			

Height (mm)	1775	1800	2190	2165	2480
Diameter (mm)	850	990	990	1200	1300

Construction Material	High Quality Mild Steel
Insulation Type	Soft / Hard Polyutherane, Rockwool & Aluminium Stucco, Armaflex / Skay Jacket options
Arrangement	Vertical
Standards	2010/30/EU, 2009/125/CE, 97/23/CE Art. 3.3

* other sizes available upon request

Connections

PSS Chilled Water Storage

	Quantity	500	800 - 1000	1500 - 2000
1. Air Vent	1	1 1/4"	1 1/4"	1 1/4"
2. Inlet / Outlet Connections	6	2 1/2"	3"	4"
3. Probe Connection	3	1/2"	1/2"	1/2"
4. Drain Coil	1	3/4"	1"	1"
5. Immersion Heater Port	1	1 1/2"	2	2

* other connection sizes available & also available External Insulation for outdoor installations



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BOSCH

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