

Heat Pump Hot Water Cylinders

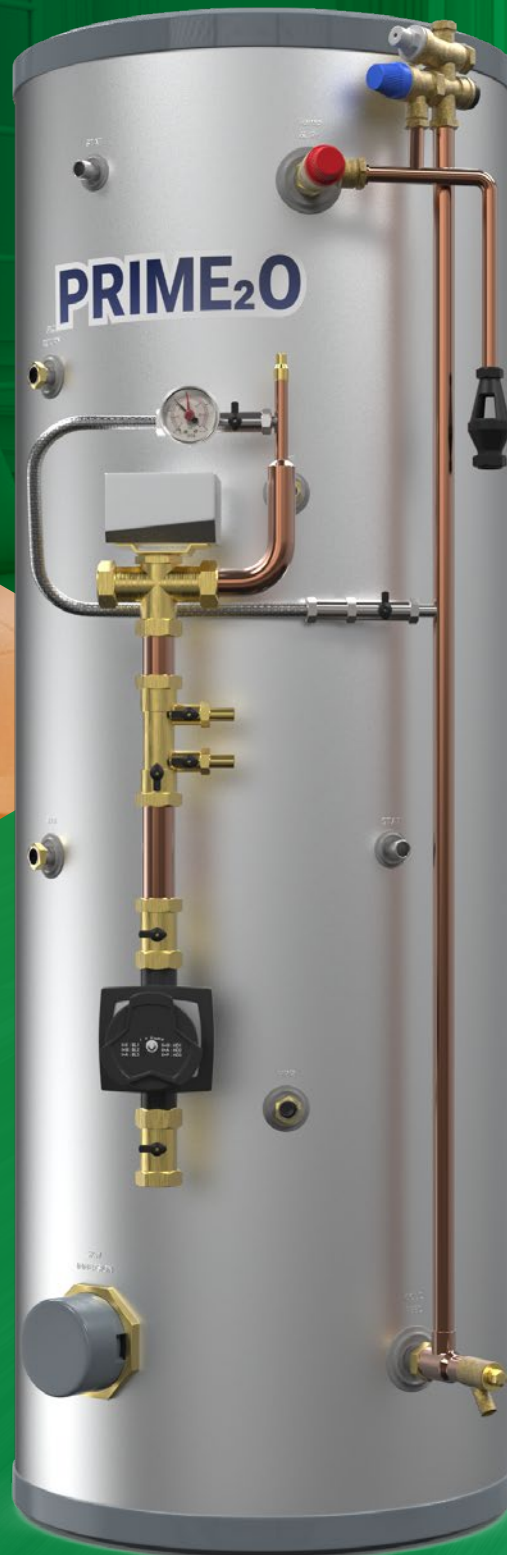
Version 1



No Gas No Problems
Strom Heat Pump Cylinders

Cutting edge, state of the art, and environmentally friendly Heat Pump compatible cylinders. A solution for any property, business, & application.

Introducing Heat Pump Pre-plumbed Universal



Heat Pump Pre-Plumbed Universal Unit Specification.

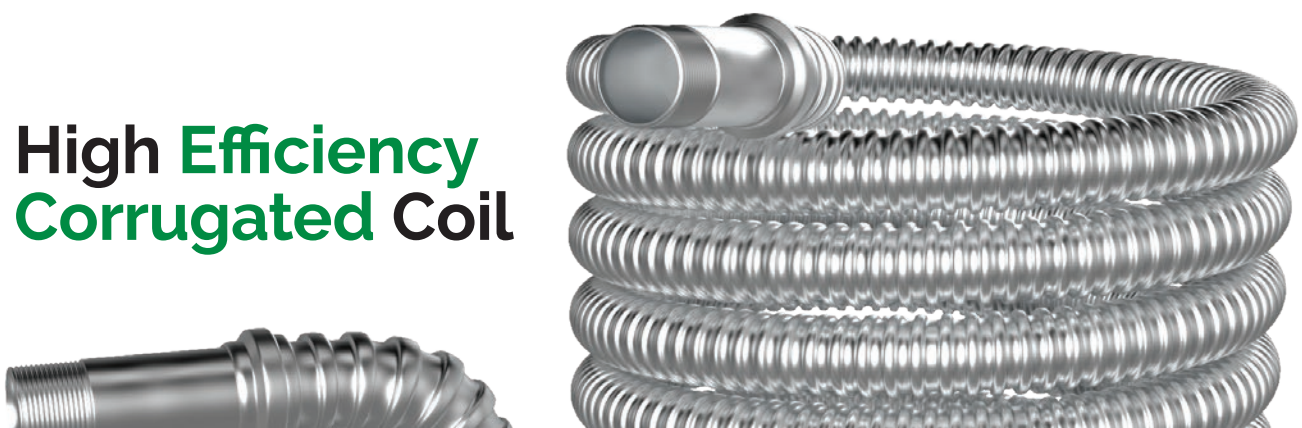
- 28mm compression, 3 Port DHW & CH Valve.
- 4 Bar pressure gauge.
- Fill & flush valve with servicing ports. Useful to fill and flush the system with cleaning chemicals or water treatments.
- 8m circulating pump for primary circuit as standard.
- G3 Compliant cold feed pipework, inc. tundish, drain point, filling loop, and 3 bar inlet control set.
- Our 28mm full bore, high gain, high flow coil reduces noise and improves recovery times.
- A T&P insulation cover and potable expansion vessel is also supplied.
- Factory fitted immersion heater, for emergency backup, this can be linked to a heat pump for an anti Legionella cycle where required.
- 12mm sensor probe pocket.

Technical Specification:

Capacity	Product Code with circulating pump	Product Code with no circulating pump	Nominal capacity (L)	Weight Empty (KG)	Weight Full (KG)	Height (mm)	Diameter (mm)	Coil Surface Area (m ²)	Standing Heat Loss		Secondary Return Included as standard	ERP Band
									kWh/24h	Watts		
150L	SC150HPPP	SC150HPPPX	150	58	208	1100	545	2.03	1.32	55	x	C
170L	SC170HPPP	SC170HPPPX	170	63	230	1224	545	2.03	1.63	68	x	C
200L	SC200HPPP	SC200HPPPX	200	72	267	1414	545	2.96	1.7	71	✓	C
250L	SC250HPPP	SC250HPPPX	250	75	319	1722	545	2.96	1.99	83	✓	C
300L	SC300HPPP	SC300HPPPX	300	80	360	1945	545	2.96	2.03	94	✓	C
400L	SC400HPPP	SC400HPPPX	400	78	477	1613	690	4	2.2	92	✓	C
500L	SC500HPPP	SC500HPPPX	500	94	591	1975	690	4	2.42	101	✓	C
600L	SC600HPPP	SC600HPPPX	600	105	674	2139	690	4	2.68	112	✓	C

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High Efficiency Corrugated Coil



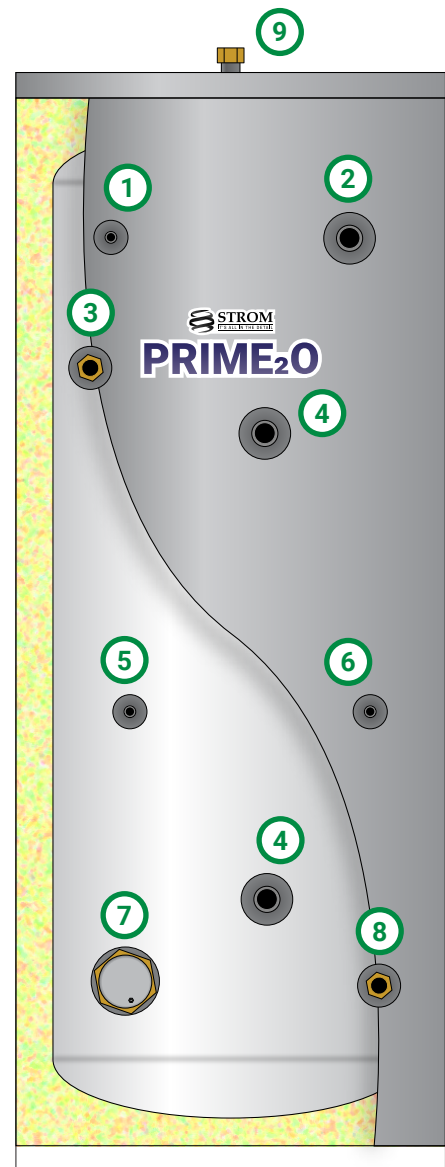
Introducing Heat Pump Cylinder



Heat Pump Cylinder Unit Specification.

- Available from 150 Litre up to 600 Litre.
- Universal large coil surface area as standard.
- 1" Female fitting as primary connections to the coil.
- Provides a high flow rate capability and low pressure loss.
- 12mm thermostat probe pocket.

- 1** High Limit Stat
- 2** Temperature & Pressure Relief Valve
- 3** Secondary Return
- 4** 28mm Heat Pump Coil
- 5** Thermostat Pocket
- 6** 12mm Sensor Pocket
- 7** 3kW Immersion Heater
- 8** Cold Inlet Connection
- 9** HW Draw Off



Technical Specification:

Capacity	Product Code	Nominal capacity (L)	Weight Empty (KG)	Weight Full (KG)	Height (mm)	Diameter (mm)	Coil Surface Area (m²)	Standing Heat Loss		Secondary Return Included as standard	ERP Band
								kWh/24h	Watts		
150L	SC150HP	150	31	173	1100	545	2.03	1.32	55	x	C
170L	SC170HP	170	35	197	1224	545	2.03	1.63	68	x	C
200L	SC200HP	200	40	229	1414	545	2.96	1.7	71	✓	C
250L	SC250HP	250	45	284	1722	545	2.96	1.99	83	✓	C
300L	SC300HP	300	50	329	1945	545	2.96	2.03	94	✓	C
400L	SC400HP	400	78	435	1613	690	4	2.2	92	✓	C
500L	SC500HP	500	94	526	1975	690	4	2.42	101	✓	C
600L	SC600HP	600	105	607	2139	690	4	2.67	112	✓	C

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Introducing Heat Pump Slimline Pre-Plumbed Options



Heat Pump Slimline Pre-Plumbed Unit Specification.

- Slimline 475mm diameter for smaller cupboard spaces.
- 28mm compression, 3 Port, DHW & CH valve.
- 4 bar pressure guage.
- Fill & Flush valve with servicing ports. Useful to fill & flush the system with cleaning chemicals or water treatments.
- 8m circulating pump for primary circuit as standard.
- G3 compliant cold feed pipework, inc. tundish, drain point, filling loop & 3 bar inlet control set.
- Our 28mm fullbore, high gain, high flow coil reduces noise and improves recovery times.
- A T&P insulation cover and potable expansion vessel is also supplied.
- Factory fitted immersion heater, for emergency backup this can be linked to a heat pump for anti Legionella cycles where required.

Technical Specification:

Capacity	Product Code	Nominal capacity (L)	Weight Empty (KG)	Weight Full (KG)	Height (mm)	Diameter (mm)	Coil Surface Area (m²)	Standing Heat Loss		Secondary Return Included as standard	ERP Band
								kWh/24h	Watts		
120L	SC120SHPPP	120	33	158	1240	475	1.53	1.37	57	X	C
150L	SC150SHPPP	150	39	194	1505	475	1.53	1.6	67	X	C
170L	SC170SHPPP	170	45	215	1680	475	1.93	1.7	71	X	C
200L	SC200SHPPP	200	48	278	1950	475	1.93	1.8	75	X	C

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High Efficiency Corrugated Coil



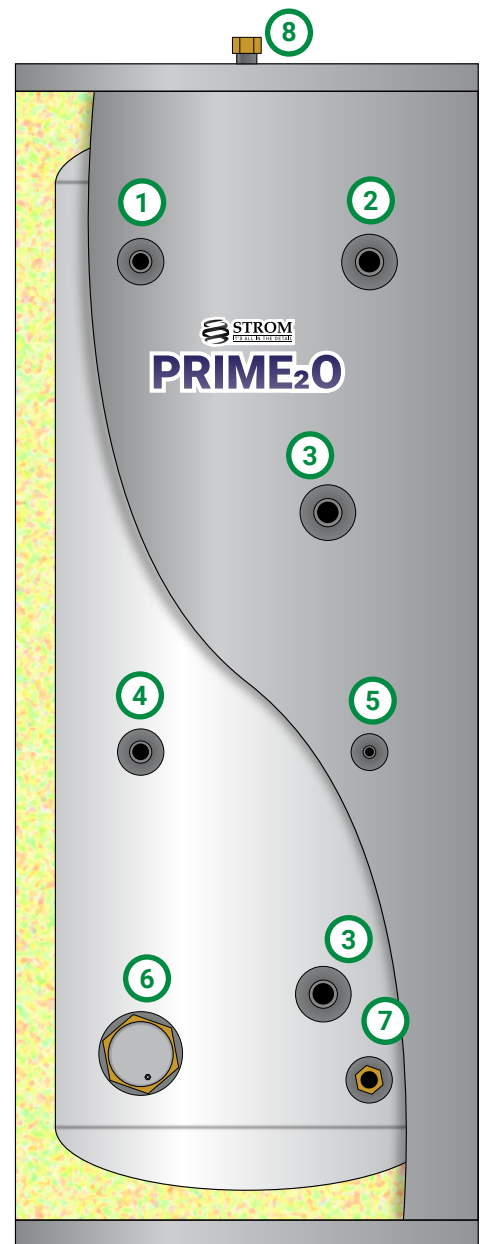
Introducing Heat Pump Slimline



Heat Pump Slimline Unit Specification.

- Slimline 475mm diameter for smaller cupboard spaces.
- Capacities from 120 Litres - 200 Litres.
- Only 475mm wide.
- 1" Female fittings as primary connections to the coil.
- 12mm Sensor probe pocket.

- 1** High Limit Stat Pocket
- 2** Temperature & Pressure Relief Valve
- 3** 28mm Heat Pump Coil
- 4** Thermostat Pocket
- 5** 12mm Sensor Pocket
- 6** 3kW Immersion Heater
- 7** Cold Inlet Connection
- 8** Hot Water Draw Off



Technical Specification:

Capacity	Product Code	Nominal capacity (L)	Weight Empty (KG)	Weight Full (KG)	Height (mm)	Diameter (mm)	Coil Surface Area (m²)	Standing Heat Loss		Secondary Return Included as standard	ERP Band
								kWh/24h	Watts		
120L	SC120SHP	120	30	144	1240	475	1.53	1.37	57	X	C
150L	SC150SHP	150	34	178	1505	475	1.53	1.6	67	X	C
170L	SC170SHP	170	37	199	1680	475	1.93	1.7	71	X	C
200L	SC200SHP	200	41	233	1950	475	1.93	1.8	75	X	C

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Introducing Heat Pump & Buffer Combined Pre-Plumbed



Heat Pump & Buffer Combined Pre-Plumbed Specification.

- 28mm compression, 3 Port, DHW & CH valve.
- 4 Bar pressure guage.
- Fill & flush valve with servicing ports. Useful to fill & flush the system with cleaning chemicals or water treatments.
- 8m Circulating pump supplied fitted for primary and secondary heating circuit.
- G3 compliant cold feed pipework, inc. tundish, drain point, filling loop & 3 bar inlet control set.
- Our 28mm full bore, high gain, high flow coil reduces noise and improves recovery times.
- Robokit / T&P insulation cover and potable expansion vessel is also supplied.
- Factory fitted immersion heater for emergency backup. This can be linked to a heat pump for an anti Legionella cycle where required.
- 12mm Sensor probe pocket.
- Buffer provides hydraulic separation and minimum system volume.

Technical Specification:

Capacity	Product Code with circulating pump	Product Code with no circulating pump	Nominal capacity (L)	Weight Empty (KG)	Weight Full (KG)	Height (mm)	Diameter (mm)	Coil Surface Area (m ²)	Standing Heat Loss		Secondary Return Included as standard	ERP Band
									kWh/24h	Watts		
120L/30L	SC120/30SHPBPP	SC120/30HPBPPX	120	43	193	1617	475	1.53	1.37	57	X	C
150L/30L	SC150/30SHPBPP	SC150/30HPBPPX	150	46	226	1885	475	1.53	1.6	62	X	C
170L/30L	SC170/30SHPBPP	SC170/30HPBPPX	170	48	249	2050	475	1.93	1.7	71	X	C
150L/50L	SC150/50HPBPP	SC150/50HPBPPX	150	46	242	1502	545	2.03	1.32	55	X	C
170L/50L	SC170/50HPBPP	SC170/50HPBPPX	170	50	270	1630	545	2.03	1.63	68	X	C
200L/50L	SC200/50HPBPP	SC200/50HPBPPX	200	57	307	1805	545	2.96	1.7	71	✓	C
225L/50L	SC225/50HPBPP	SC225/50HPBPPX	225	60	364	1966	545	2.96	1.85	77	✓	C

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High Efficiency Corrugated Coil



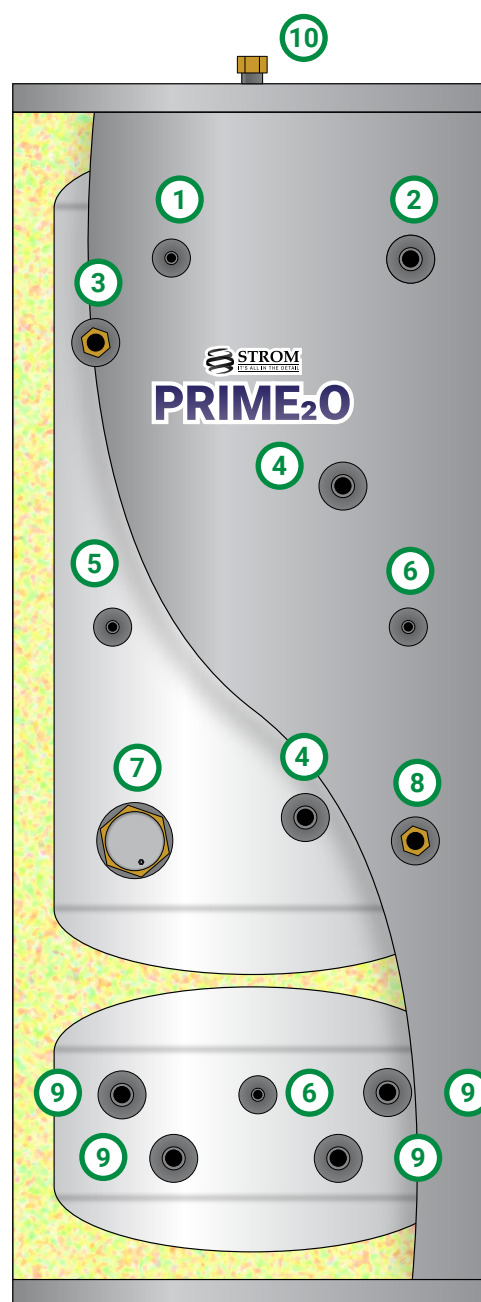
Introducing Heat Pump & Buffer Combined



Heat Pump Buffer Unit Combined Specification.

- Using a buffer tank is often described by Heat Pump manufacturers as "the ideal installation" providing optimum performance.
- Our built in buffer features 1" Female connections as standard.
- One neat solution providing a Heat Pump cylinder and buffer in the same footprint, saving both time and space.
- 12mm sensor probe pockets provided in both buffer and Heat Pump cylinder.
- Buffer provides hydraulic separation and minimum system volume

- 1 High Limit Stat Pocket**
- 2 Temperature & Pressure Relief Valve**
- 3 Secondary Return**
- 4 28mm Heat Pump Coil**
- 5 Thermostat Pocket**
- 6 12mm Sensor Pocket**
- 7 3kW Immersion**
- 8 Cold Water Inlet Connection**
- 9 1" Female Buffer Connections**
- 10 Hot Water Draw Off**



Technical Specification:

Capacity	Product Code	Nominal capacity (L)	Weight Empty (KG)	Weight Full (KG)	Height (mm)	Diameter (mm)	Coil Surface Area (m ²)	Standing Heat Loss		Secondary Return Included as standard	ERP Band
								kWh/24h	Watts		
120L/30L	SC120/30SHPB	120	43	186	1617	475	1.53	1.37	57	X	C
150L/30L	SC150/30SHPB	150	46	219	1885	475	1.53	1.60	67	X	C
170L/30L	SC170/30SHPB	170	49	260	2050	475	1.93	1.70	71	X	C
150L/50L	SC150/50HPB	150	46	249	1502	545	2.03	1.32	55	X	C
170L/50L	SC170/50HPB	170	50	263	1630	545	2.03	1.63	68	X	C
200L/50L	SC200/50HPB	200	57	300	1805	545	2.96	1.7	71	✓	C
225L/50L	SC225/50HPB	225	60	360	1966	545	2.96	1.85	77	✓	C

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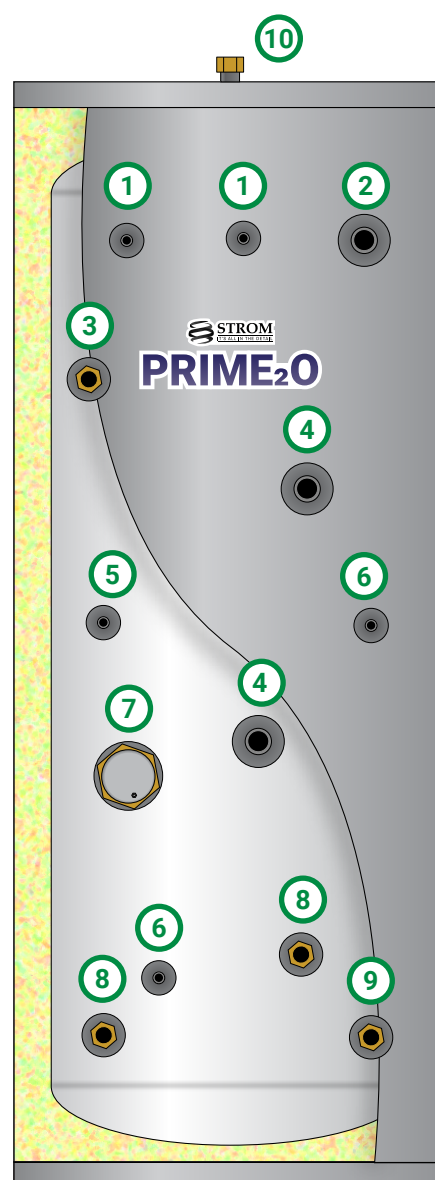
Introducing Heat Pump Solar Twin Coil



Heat Pump Solar Twin Coil Unit Specification.

- Universally compatible with any heat pump.
- Designed for renewable energy systems where solar thermal and Heat Pump applications are required.
- 12mm sensor probe pocket.

- 1** High Limit Stat Pocket
- 2** Temperature & Pressure Relief Valve
- 3** Secondary Return
- 4** 28mm Heat Pump Coil
- 5** Thermostat Pocket
- 6** 12mm Sensor Pocket
- 7** 3kW Immersion Heater
- 8** Solar Coil Connection
- 9** Cold Water Inlet Connection
- 10** Hot Water Draw Off



Technical Specification:

Capacity	Product Code	Nominal capacity (L)	Weight Empty (KG)	Weight Full (KG)	Height (mm)	Diameter (mm)	Coil Surface Area (m ²)	Standing Heat Loss		Secondary Return Included as standard	ERP Band
								kWh/24h	Watts		
170L	SC170HPT	170	39	199	1224	545	2.03	1.63	68	X	C
200L	SC200HPT	200	44	239	1414	545	2.03	1.7	71	✓	C
250L	SC250HPT	250	48	290	1722	545	2.96	1.99	83	✓	C
300L	SC300HPT	300	51	341	1945	545	2.96	2.03	94	✓	C
400L	SC400HPT	400	55	461	1613	690	4	2.29	92	✓	C
500L	SC500HPT	500	58	562	1975	690	4	2.42	101	✓	C
600L	SC600HPT	600	67	643	2139	690	4	2.68	112	✓	C

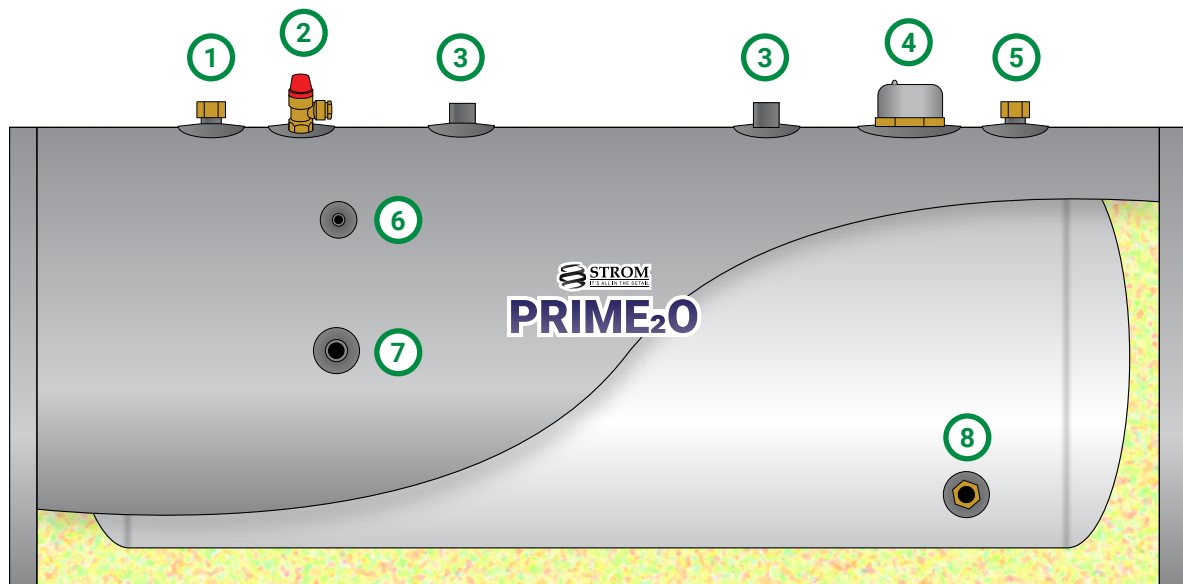
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Introducing Heat Pump Horizontal



Heat Pump Horizontal Unit Specification.

- Ideal for use where a vertical cylinder will not fit, typically in a loft space.
- Supplied complete with floor standing cradles.



- | | | | |
|----------|------------------------------------|----------|--|
| 1 | Hot Water Outlet Connection | 2 | Temperature & Pressure Relief Valve |
| 3 | 28mm Heat Pump Coil | 4 | 3kW Immersion Heater |
| 5 | Cold Water Inlet Connection | 6 | 12mm Sensor Pocket |
| 7 | Thermostat Pocket | 8 | Drain Point |

Technical Specification:

Capacity	Product Code	Nominal capacity (L)	Weight Empty (KG)	Weight Full (KG)	Height (mm)	Diameter (mm)	Coil Surface Area (m ²)	Standing Heat Loss		Secondary Return Included as standard	ERP Band
								kWh/24h	Watts		
170L	SC170HPH	170	43	202	1203	545	2.08	1.89	79	✓	C
200L	SC200HPH	200	49	235	1389	545	2.08	2.01	84	✓	C
250L	SC250HPH	250	53	289	1701	545	2.97	2.16	90	✓	C
300L	SC300HPH	300	57	330	1924	545	2.97	2.35	98	✓	C

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Introducing Buffer 50L - 60L

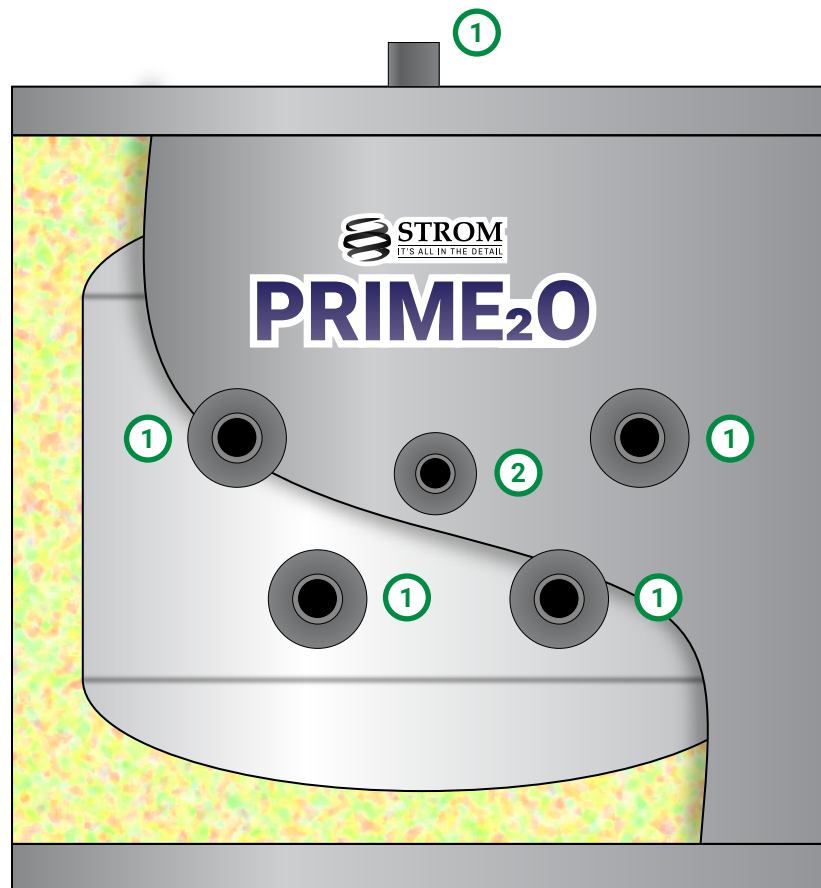


Buffer 50L - 60L Unit Specification.

- 50 Litre - 60 Litre Stand alone buffer.
- 5 x 1" Female threaded connections as standard.
- Thermostat pocket to allow independent control of the buffer temperature.

1 1" Female Threaded Connection

2 Thermostat Pocket



Technical Specification:

Capacity	Product Code	Nominal capacity (L)	Weight Empty (KG)	Weight Full (KG)	Height (mm)	Diameter (mm)	Standing Heat Loss	
							kWh/24h	Watts
50L	SC50HPB	50	18	68	465	545	#N/A	#N/A
Slim 60L	SC60SHPB	60	20	80	697	475	1.02	43

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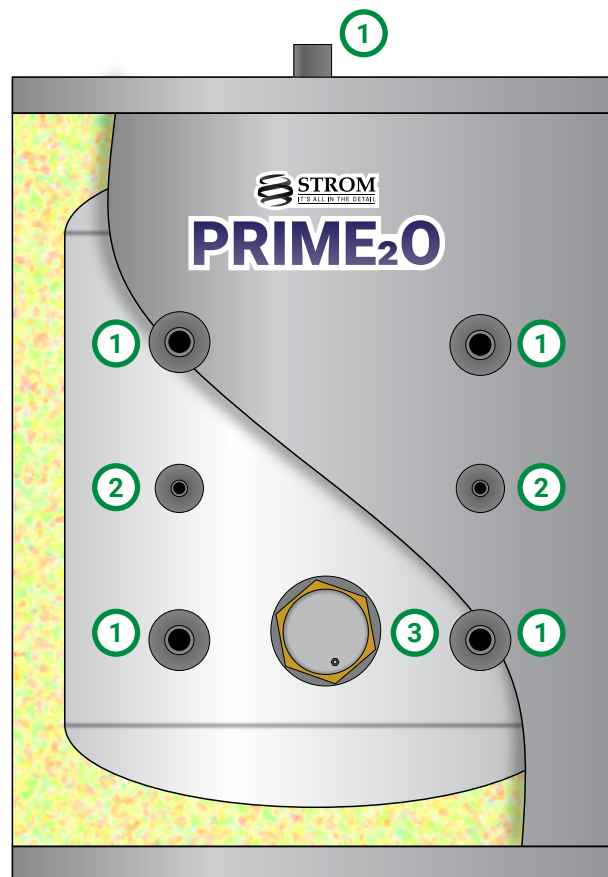
Introducing Buffer 90L



Heat Pump 90L Unit Specification.

- 90 Litre Stand alone buffer.
- 5 x 1" Female threaded connections as standard.
- Thermostat pockets to allow independent control of the buffer temperature.
- Factory Fitted 3kW immersions heater as standard.

- 1** 1" Female Threaded Connection
- 2** Thermostat Pocket
- 3** 3kW Immersion Heater



Technical Specification:

Capacity	Product Code	Nominal capacity (L)	Weight Empty (KG)	Weight Full (KG)	Height (mm)	Diameter (mm)	Standing Heat Loss		ERP Band
							kWh/24h	Watts	
90L	SC90HPB	90	19	109	694	545	1.1	46	C
Slim 90L	SC90SHPB	90	21	111	961	475	1.14	48	C

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Introducing Buffer 120L-600L



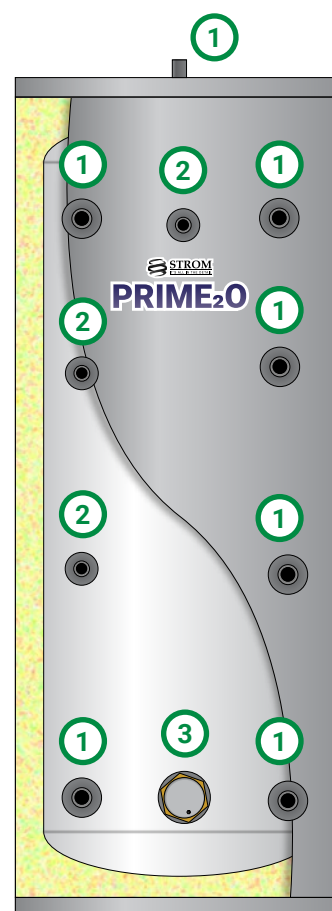
Buffer 120L - 600L Unit Specification.

- 7 x 1" Female threaded connections as standard.
- Factory Fitted 3kW immersions heater as standard.
- 3 x Control stat/thermistor ports to allows independent controls.

1 1" Female Threaded Connection

2 Thermostat Pocket

3 3kW Immersion Heater



Technical Specification:

Capacity	Product Code	Nominal capacity (L)	Weight Empty (KG)	Weight Full (KG)	Height (mm)	Diameter (mm)	Standing Heat Loss	ERP Band	
							kWh/24h		
120L	SC120HPB	120	23	143	915	545	1.2	50	C
150L	SC150HPB	150	27	177	1075	545	1.32	55	C
170L	SC170HPB	170	31	201	1203	545	1.63	68	C
200L	SC200HPB	200	35	235	1389	545	1.7	71	C
250L	SC250HPB	250	40	290	1701	545	1.99	83	C
300L	SC300HPB	300	45	335	1924	545	2.26	94	C
400L	SC400HPB	400	51	431	1613	690	1.95	81	C
500L	SC500HPB	500	54	529	1975	690	2.31	96	C
600L	SC600HPB	600	63	633	2139	690	2.62	109	C
Slim 120L	SC120SHPB	120	25	145	1228	475	1.37	57	C
Slim 150L	SC150SHPB	150	29	179	1496	475	1.6	67	C
Slim 170L	SC170SHPB	170	33	203	1674	475	1.7	71	C
Slim 200L	SC200SHPB	200	37	237	1941	475	1.8	75	C

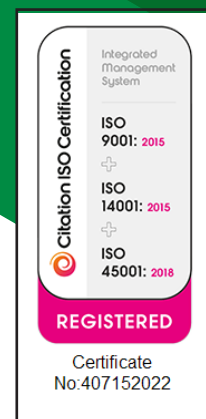
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No Gas No Problems
Strom Heat Pump Cylinders