



BOSS Supastor Stainless Steel Unvented Cylinders

Introduction



BSS Industrial is the UK's leading distributor of pipeline and heating solutions. Offering a product range and a level of service that is second to none.

Established over 100 years ago, BSS is now a £350 million business operating from over 60 locations nationwide. This infrastructure is supported by a central warehouse at Lutterworth in the Midlands and a purpose-built tube distribution centre opened recently in Coventry.

Over the years, we have developed or acquired a number of specialist divisions which can provide our customers with a single source solution for specific technical product ranges such as pumps, plastics, controls and industrial valves.

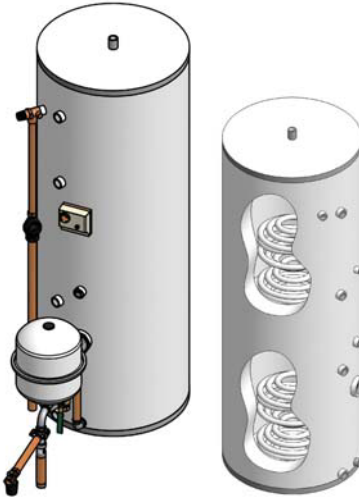
BSS prides itself on offering the widest choice and the most comprehensive customer service in the industry. We also offer reliable technical advice from a team of dedicated field-based technical sales engineers.

BOSS is BSS's premium own-brand offering and has been established as a leading industry brand for over a century. BOSS products represent outstanding quality at competitive prices and we are continuing to expand our range with new product additions such as radiators, bracketry and unvented cylinders.

BOSS Supastor Stainless Steel Unvented Cylinders



Introduction



The range includes:

- BOSS Supastor Stainless Steel Direct Unvented Cylinders
- BOSS Supastor Stainless Steel Indirect Unvented Cylinders
- BOSS Supastor Stainless Steel Solar Twin Coil Unvented Cylinders

The new range of BOSS Supastor unvented cylinders offers an outstanding range of technical features and benefits including:

- 25 year guarantee, transferable between installation owner
- Removable insulation, for access through space-restricted areas
- Flexible outer shell
- Fully approved unvented kit
- Complete range available from 120 ltr to 1000 ltr storage
- Unique concentric coil design giving greater cross-sectional heating surface
- Approved to Water and Building Regulations
- 16 Bar rated coil design across the range
- Reduced handling costs during transportation and installation due to unique lightweight design

The BSS Group plc and its subsidiary companies assume that the user will take all necessary steps to ensure that all products purchased are suitable for the conditions in which they were intended to operate.

Every effort has made to ensure that the information contained in this publication is accurate at the time of publishing but all illustrations and descriptions are intended to provide an approximation only and are not subject to contractual liability. The BSS Group plc and its subsidiary companies expressly exclude all liability for typographical errors or omissions or for any misinterpretation of the information provided in this publication. All products are subject to alteration without notice.



BOSS Supastor Stainless Steel Unvented Cylinders

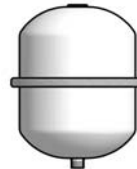
Direct Unvented Cylinders

For potable water installations

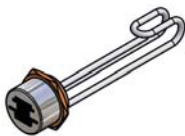


Fluid Flow Sequence

- Mains Water Isolation Valve (Not Supplied)
- 3 bar Pressure Reducing Valve
- Safety Group (6 bar Expansion Relief Valve c/w Non Return Valve)
- Expansion Vessel
- Drain Valve (Not Supplied)
- Supastor Stainless Steel Hot Water Cylinder



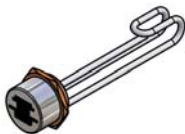
Expansion Vessel
120 - 300 3/4" Connection
500 - 1000 1" (Floor Standing Model)



All sizes 3/4"
Combined Temperature & Pressure Relief Valve
Factory Fitted
7 bar/95°C



Safety Group c/w
Non Return Valve
6 bar Relief Valve
Isolation Valve
120 - 500 - 3/4"
800 - 1000 - 1"



2 off 3 kW 230v/50Hz
Immersion Heater



Pressure Reducing
Valve Pre-Set 3 Bar
120 - 500 - 22mm
800 - 1000 - 28mm



3/4" Tundish

Selection Guide

Property Type

Bedsit
 1/2 beds with 1 bath/shower
 3 beds with 1 bath/shower
 4 beds with 1 bath/shower
 2/3 beds with 2 baths/showers
 4/5 beds with 2 baths/showers
 Sports club, Restaurant etc.
 Hotels, Schools etc.

- In areas with high concentration of Chlorine (200 ppm or above) additional protection of the cylinder is required with an electrical anode. This is an optional extra and is not reflected in the pricing.

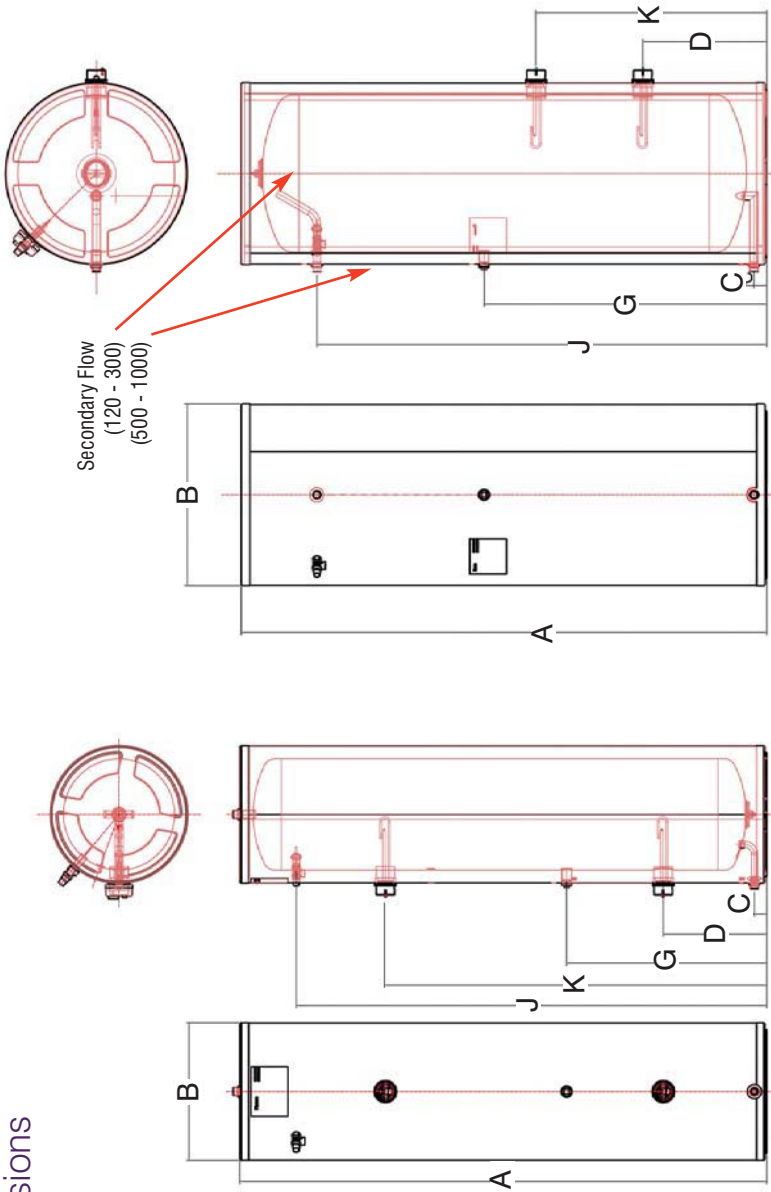
Vessels

Vessels are suitable for vented application if required.

| Volume (Nominal) | 120 litres | 150 litres | 180 litres | 210 litres | 250 litres | 300 litres | 500 litres | 800 litres | 1000 litres |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| Direct Height | 977 | 1167 | 1347 | 1569 | 1759 | 1750 | 1823 | 1960 | 2360 |
| Diameter | 555 | 555 | 555 | 555 | 555 | 606 | 734 | 950 | 950 |
| Weight (Dry kg) | 20.8 | 23.5 | 26.5 | 33 | 35.5 | 42 | 59 | 100 | 115 |
| Weight (Normal Full kg) | 141 | 174 | 207 | 243 | 286 | 342 | 559 | 900 | 1115 |
| T&P Tapping | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" |
| T&P Pressure Setting | 7 bar | 7 bar | 7 bar | 7 bar | 7 bar | 7 bar | 7 bar | 7 bar | 7 bar |
| T&P Temperature Setting | 95° | 95° | 95° | 95° | 95° | 95° | 95° | 95° | 95° |
| Expansion Relief Setting | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar |
| Electrical Heater Quantity | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Electrical Heater Rating | 3 kW | 3 kW | 3 kW | 3 kW | 3 kW | 3 kW | 3 kW | 3 kW | 3 kW |
| Re-heat Times (2x3 KW) | 34 mins | 46 mins | 56 mins | 69 mins | 80 mins | 101 mins | 159 mins | 260 mins | 318 mins |
| Heat Up Time (From Cold) | 40 mins | 65 mins | 80 mins | 98 mins | 114 mins | 144 mins | 256 mins | 400 mins | 512 mins |
| Expansion Vessel | 24 Ltr | 24 Ltr | 24 Ltr | 24 Ltr | 24 Ltr | 24 Ltr | 35 Ltr | 60 Ltr | 60 Ltr |

Insulation is interlocked polystyrene to allow for inspection of cylinder if required.

Dimensions



Technical Specification Direct (including kit)

| Volume (Nominal) | 120 litres Direct | 150 litres Direct | 180 litres Direct | 210 litres Direct | 250 litres Direct | 300 litres Direct | 500 litres Direct | 800 litres Direct | 1000 litres Direct |
|-----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Height A (mm) | 977 | 1167 | 1347 | 1569 | 1759 | 1750 | 1823 | 1960 | 2360 |
| Diameter B (mm) | 555 | 555 | 555 | 555 | 555 | 606 | 734 | 950 | 950 |
| Cold Water C (mm) | 51 | 51 | 51 | 51 | 51 | 47 | 52 | 338 | 338 |
| Cold Water Connection | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1.1/2" BSP (M) | 1.1/2" BSP (M) |
| Immersion D (mm) | 289 | 289 | 289 | 289 | 289 | 282 | 317 | 343 | 343 |
| T&P Valve J (mm) | 749 | 939 | 1119 | 1341 | 1531 | 1532 | 1517 | 1603 | 2003 |
| Immersion K (mm) | 644 | 834 | 1014 | 1236 | 1426 | 1444 | 932 | 1103 | 1103 |
| DHW Flow J | Top Centre | Top Centre | Top Centre | Top Centre | Top Centre | Top Centre | 1517 | 1603 | 2003 |
| DHW Connection | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1.1/2" BSP (M) | 1.1/2" BSP (M) |

Product Codes

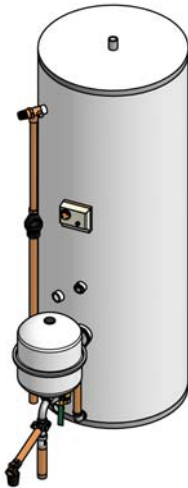
| Volume (Nominal) | 120 litres Direct | 150 litres Direct | 180 litres Direct | 210 litres Direct | 250 litres Direct | 300 litres Direct | 500 litres Direct | 800 litres Direct | 1000 litres Direct |
|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Unvented Cylinder Code | 34301002 | 34301013 | 34301024 | 34301035 | 34301046 | 34301057 | 34301068 | 34301079 | 34301090 |



BOSS Supastor Stainless Steel Unvented Cylinders

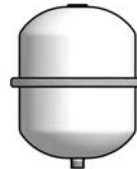
Indirect Unvented Cylinders

For potable water installations



Fluid Flow Sequence

- Mains Water Isolation Valve (Not Supplied)
- 3 bar Pressure Reducing Valve
- Safety Group (6 bar Expansion Relief Valve c/w Non Return Valve)
- Expansion Vessel
- Drain Valve (Not Supplied)
- Supastor Stainless Steel Hot Water Cylinder



Expansion Vessel
120 - 300 3/4" Connection
500 - 1000 1" (Floor Standing Model)



2 Port Valve for use with the IMIT Thermostat controlling the Primary Flow (Boiler) water to the Coil
120 - 300 - 22mm
500 - 1000 - 28mm



All sizes 3/4"
Combined Temperature & Pressure Relief Valve
Factory Fitted 7 bar/95°C



3 kW 230v/50Hz
Immersion Heater



3/4" Tundish



IMIT Combined Thermostat & Safety Relay



Pressure Reducing Valve Pre-Set 3 Bar
120 - 500 - 22mm
800 - 1000 - 28mm



Safety Group c/w Non Return Valve 6 bar Relief Valve Isolation Valve
120 - 500 - 3/4"
800 - 1000 - 1"

Selection Guide

Property Type Indirect Size

- Bedsit
 1/2 beds with 1 bath/shower 120
 3 beds with 1 bath/shower 150 or 180
 4 beds with 1 bath/shower 180 or 210
 2/3 beds with 2 baths/showers 210
 4/5 beds with 2 baths/showers 210 or 250
 Sports club, Restaurant etc. 300 or 500
 Hotels, Schools etc. 800 or 1000
- In areas with high concentration of Chlorine (200 ppm or above) additional protection of the cylinder is required with an electrical anode. This is an optional extra and is not reflected in the pricing.

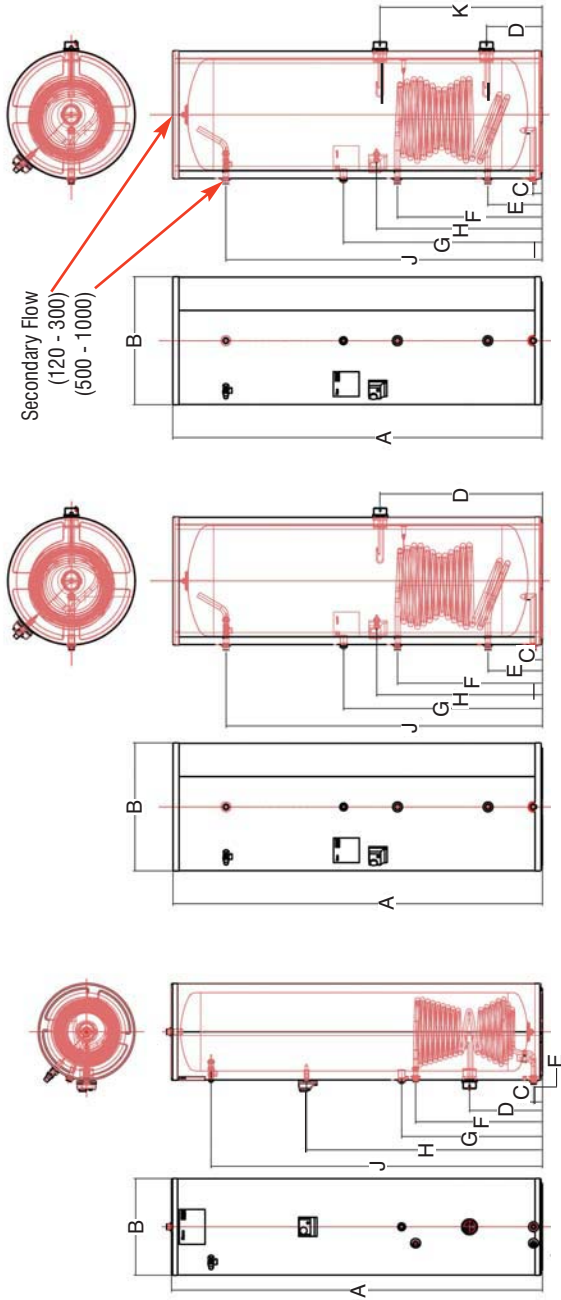
Vessels

Vessels are suitable for unvented application if required.

| Volume (Nominal) | 120 litres | 150 litres | 180 litres | 210 litres | 250 litres | 300 litres | 500 litres | 800 litres | 1000 litres |
|----------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| Indirect Height | 976 | 1167 | 1347 | 1569 | 1759 | 1750 | 1823 | 1960 | 2360 |
| Diameter | 555 | 555 | 555 | 555 | 555 | 606 | 734 | 950 | 950 |
| Weight (Dry kg) | 23 | 27 | 30 | 38 | 41 | 50 | 68.5 | 110.5 | 124.5 |
| Weight (Normal Full kg) | 143 | 177 | 210 | 248 | 291 | 350 | 569 | 911 | 1245 |
| T&P Tapping | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" |
| T&P Pressure Setting | 7 bar | 7 bar | 7 bar | 7 bar | 7 bar | 7 bar | 7 bar | 7 bar | 7 bar |
| T&P Temperature Setting | 95° | 95° | 95° | 95° | 95° | 95° | 95° | 95° | 95° |
| Expansion Relief Setting | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar |
| Electrical Heater Quantity | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| Electrical Heater Rating | 3 kW | 3 kW | 3 kW | 3 kW | 3 kW | 3 kW | 3 kW | 3 kW | 3 kW |
| Re-heat Times (82° Supply) | 17 mins | 20 mins | 25 mins | 22 mins | 24 mins | 28 mins | 31 mins | 31 mins | 40 mins |
| Heat Up Times (From Cold) | 29 mins | 31 mins | 37 mins | 27 mins | 30 mins | 35 mins | 38 mins | 40 mins | 49 mins |
| Max. Primary Pressure (Coil) | 16 bar | 16 bar | 16 bar | 16 bar | 16 bar | 16 bar | 16 bar | 16 bar | 16 bar |
| Primary Flow Rate (Boiler L/min) | 25 | 34 | 34 | 42 | 42 | 42 | 67 | 92 | 92 |
| Continuous Output (mbar) | 464 | 493 | 493 | 627 | 684 | 985 | 1059 | 1695 | 1695 |
| Coil Rating kW | 24.7 | 26.2 | 26.2 | 33.4 | 36.4 | 52.4 | 56.4 | 90.2 | 90.2 |
| Expansion Vessel | 24 Ltr | 24 Ltr | 24 Ltr | 24 Ltr | 24 Ltr | 24 Ltr | 35 Ltr | 60 Ltr | 60 Ltr |

Insulation is interlocked polystyrene to allow for inspection of cylinder if required.

Dimensions



Secondary Flow
(120 - 300)
(500 - 1000)

800 to 1000 litre

500 litre

120 to 300 litre

Technical Specification Indirect (including kit)

| Volume (Nominal) | 120 litres | | 150 litres | | 180 litres | | 210 litres | | 250 litres | | 300 litres | | 500 litres | | 800 litres | | 1000 litres | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|------------|----------|------------|----------|------------|----------|-------------|----------|
| | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect |
| Height A (mm) | 976 | 1167 | 1167 | 1569 | 1759 | 1750 | 1823 | 1960 | 2360 | | | | | | | | | |
| Diameter B (mm) | 555 | 555 | 555 | 555 | 555 | 606 | 734 | 950 | 950 | | | | | | | | | |
| Cold Water C (mm) | 51 | 51 | 51 | 51 | 51 | 47 | 52 | 50 | 338 | | | | | | | | | |
| Cold Water Connection | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | | | | | | | | | |
| Immersion D (mm) | 419 | 419 | 419 | 419 | 419 | 412 | 932 | 343 | 343 | | | | | | | | | |
| Primary Flow F (mm) | 51 | 51 | 51 | 51 | 51 | 47 | 312 | 338 | 338 | | | | | | | | | |
| Primary Return E (mm) | 379 | 379 | 379 | 554 | 579 | 722 | 832 | 1038 | 1038 | | | | | | | | | |
| Primary Connection | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | | | | | | | | | |
| DHW Return G (mm) | 518 | 518 | 518 | 634 | 659 | 802 | 1142 | 1238 | 1238 | | | | | | | | | |
| DHW Return Connection (mm) | 1" BSP (F) | 1" BSP (F) | 1" BSP (F) | 1" BSP (F) | 1" BSP (F) | 1" BSP (F) | 1" BSP (F) | 1" BSP (F) | 1" BSP (F) | | | | | | | | | |
| Thermostat H (mm) | 627 | 721 | 721 | 984 | 1108 | 1225 | 952 | 1103 | 1103 | | | | | | | | | |
| T&P Valve J (mm) | 749 | 939 | 939 | 1341 | 1531 | 1532 | 1517 | 1603 | 2023 | | | | | | | | | |
| Immersion K (mm) | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 1103 | 1103 | | | | | | | | | |
| DHW Flow J | Top Centre | Top Centre | Top Centre | Top Centre | Top Centre | Top Centre | 1517 | 1603 | 2003 | | | | | | | | | |
| DHW Connection | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | | | | | | | | | |

Product Codes

| Volume (Nominal) | 120 litres | | 150 litres | | 180 litres | | 210 litres | | 250 litres | | 300 litres | | 500 litres | | 800 litres | | 1000 litres | |
|------------------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|-------------|----------|
| | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect | Indirect |
| Unvented Cylinder Code | 34301109 | 34301120 | 34301131 | 34301142 | 34301153 | 34301164 | 34301175 | 34301186 | 34301197 | | | | | | | | | |



BOSS Supastor Stainless Steel Unvented Cylinders

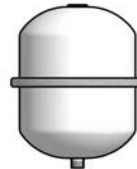
Solar Twin Coil Unvented Cylinders

For potable water installations

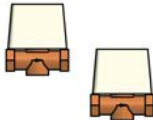


Fluid Flow Sequence

- Mains Water Isolation Valve (Not Supplied)
- 3 bar Pressure Reducing Valve
- Safety Group (6 bar Expansion Relief Valve c/w Non Return Valve)
- Expansion Vessel
- Drain Valve (Not Supplied)
- Supastor Stainless Steel Hot Water Cylinder



Expansion Vessel
210 - 300 3/4" Connection
500 - 1000 1" (Floor Standing Model)



2 Port Valve for use with the IMIT Thermostat controlling the Primary Flow (Boiler) water to the Coil
210 - 300 - 22mm
500 - 1000 - 28mm



All sizes 3/4" Combined Temperature & Pressure Relief Valve
Factory Fitted 7 bar/95°C



3 kW 230v/50Hz Immersion Heater



3/4" Tundish



IMIT Combined Thermostat & Safety Relay



Pressure Reducing Valve Pre-Set 3 Bar
210 - 500 - 22mm
800 - 1000 - 28mm



Safety Group c/w Non Return Valve 6 bar Relief Valve Isolation Valve
120 - 500 - 3/4"
800 - 1000 - 1"

Selection Guide

Property Type Indirect Size

- Bedsit 120
- 1/2 beds with 1 bath/shower 150 or 180
- 3 beds with 1 bath/shower 180 or 210
- 4 beds with 1 bath/shower 210
- 2/3 beds with 2 baths/showers 210 or 250
- 4/5 beds with 2 baths/showers 300 or 500
- Sports club, Restaurant etc. 800 or 1000
- Hotels, Schools etc.

- In areas with high concentration of Chlorine (200 ppm or above) additional protection of the cylinder is required with an electrical anode. This is an optional extra and is not reflected in the pricing.

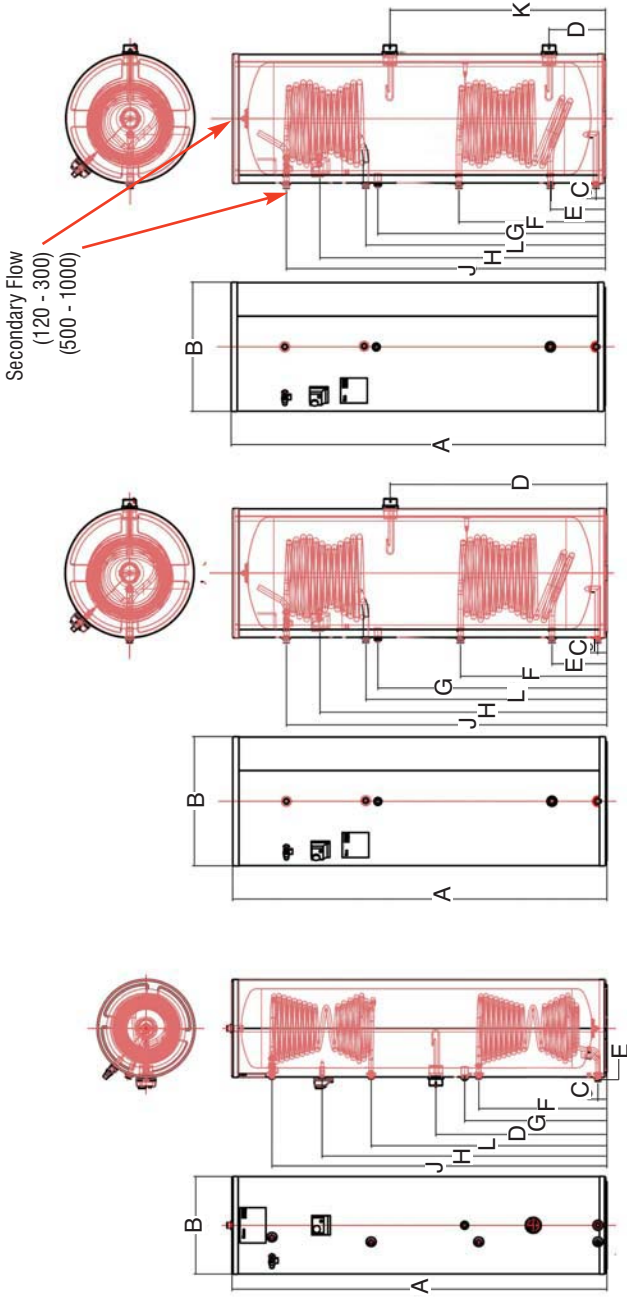
Vessels

Vessels are suitable for vented application if required.

| Volume (Nominal) | 210 litres | 250 litres | 300 litres | 500 litres | 800 litres | 1000 litres |
|------------------------------------|------------|------------|------------|------------|------------|-------------|
| Supastor Solar Height | 1568 | 1754 | 1750 | 1823 | 1960 | 2360 |
| Diameter | 555 | 555 | 606 | 734 | 950 | 950 |
| Weight (Dry kg) | 43 | 46 | 55 | 75.5 | 122.9 | 136.9 |
| Weight (Normal Full kg) | 253 | 296 | 355 | 576 | 923.4 | 1257.4 |
| T&P Tapping | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" |
| T&P Pressure Setting | 7 bar | 7 bar | 7 bar | 7 bar | 7 bar | 7 bar |
| T&P Temperature Setting | 95° | 95° | 95° | 95° | 95° | 95° |
| Expansion Relief Setting | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar | 6 bar |
| Electrical Heater Quantity | 1 | 1 | 1 | 1 | 2 | 2 |
| Electrical Heater Rating | 3 kW | 3 kW | 3 kW | 3 kW | 3 kW | 3 kW |
| Primary Re-heat Times (82° Supply) | 22 mins | 24 mins | 28 mins | 31 mins | 31 mins | 40 mins |
| Primary Heat Up Times (From Cold) | 27 mins | 30 mins | 35 mins | 38 mins | 40 mins | 49 mins |
| Max. Primary Pressure (Coil) | 16 bar | 16 bar | 16 bar | 16 bar | 16 bar | 16 bar |
| Primary Flow Rate (Boiler L/min) | 42 | 42 | 42 | 67 | 92 | 92 |
| Primary Continuous Output (mbar) | 627 | 684 | 985 | 1059 | 1695 | 1641 |
| Primary Coil Rating kW | 33.4 | 36.4 | 52.4 | 56.4 | 90.2 | 87.4 |
| Expansion Vessel | 24 Ltr | 24 Ltr | 24 Ltr | 35 Ltr | 60 Ltr | 60 Ltr |

Insulation is interlocked polystyrene to allow for inspection of cylinder if required.

Dimensions



Secondary Flow
(120 - 300)
(500 - 1000)

800 to 1000 litre

500 litre

210 to 300 litre



Technical Specification Solar Twin Coil (including kit)

| Volume (Nominal) | 210 litres Solar | 250 litres Solar | 300 litres Solar | 500 litres Solar | 800 litres Solar | 1000 litres Solar |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Height A (mm) | 1568 | 1754 | 1750 | 1823 | 1960 | 2360 |
| Diameter B (mm) | 555 | 555 | 606 | 734 | 950 | 950 |
| Cold Water C (mm) | 51 | 51 | 47 | 52 | 338 | 338 |
| Cold Water Connection | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1.1/2" BSP (M) | 1.1/2" BSP (M) |
| Immersion D (mm) | 881 | 834 | 11171 | 932 | 343 | 343 |
| Primary Flow F (mm) | 51 | 51 | 47 | 312 | 338 | 338 |
| Primary Return E (mm) | 379 | 379 | 372 | 832 | 1038 | 1038 |
| Primary Connection | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) |
| DHW Return G (mm) | 634 | 659 | 774 | 952 | 1238 | 1238 |
| DHW Return Connection (mm) | 1" BSP (F) | 1" BSP (F) | 1" BSP (F) | 1" BSP (F) | 1" BSP (F) | 1" BSP (F) |
| Thermostat H (mm) | 1216 | 1108 | 1225 | 952 | 1103 | 1103 |
| T&P Valve J (mm) | 1341 | 1531 | 1532 | 1517 | 1603 | 2023 |
| Immersion K (mm) | N/A | N/A | N/A | N/A | 1103 | 1103 |
| DHW Flow J (mm) | Top Centre | Top Centre | Top Centre | 1517 | 1603 | 2003 |
| DHW Connection | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1.1/2" BSP (M) | 1.1/2" BSP (M) |
| Solar Return L (mm) | 1098 | 1288 | 1017 | 1077 | 1193 | 1443 |
| Solar Flow J (mm) | 1341 | 1531 | 774 | 1437 | 1603 | 1853 |
| Solar Connection | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) | 1" BSP (M) |
| Thermostat Primary Coil Pocket (mm) | 289 | 289 | 282 | 558 | 1103 | 1103 |

Product Codes

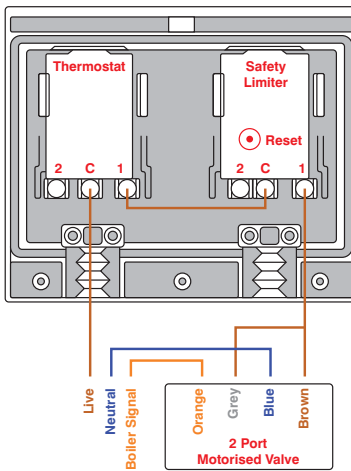
| Volume (Nominal) | 210 litres Solar | 250 litres Solar | 300 litres Solar | 500 litres Solar | 800 litres Solar | 1000 litres Solar |
|------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Unvented Cylinder Code | 34301205 | 34301216 | 34301238 | 34301249 | 34301260 | 34301271 |



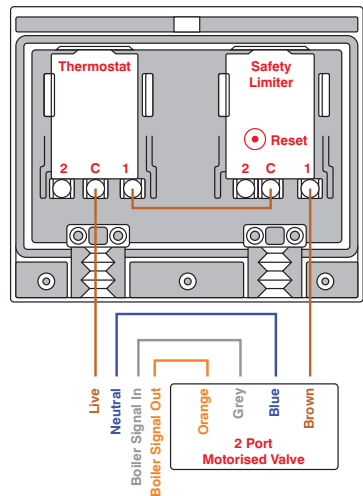
BOSS Supastor Stainless Steel Unvented Cylinders

Wiring of the Thermostat (IMIT)

- Supply Voltage 230 - v - Single Phase
- Fuse Rating - 5 Amps
- Max Full Load Current - 4.5 Amps



Allows mains power to run through thermostat and safety limiter to boiler as live.



Allows use of two separate mains power supplies keeping thermostat and safety limiter electrically separate from boiler live feed.

Under normal operation there is a permanent live feed back to the boiler, the water temperature is regulated by the operation of the motorised valve feeding the internal coil.

To control the heating times, connect the electrical feed to the thermostat from the program or time clock (L).

When the Supastor Stainless is at the desired temperature, the motorised valve will close and the boiler, itself, will register no demand from the cylinder and shut down if appropriate.