

# A limitless supply of heat A major boost to efficiency

Versatile cylinder technology for hot water and heating energy in one



It's simply ingenious – while we're still nice and comfortable in bed, our cylinder is keeping enough hot water at the ready. It's then just a matter of using it when we freshen up for the day ahead.

Comfort through technology



# Giving the future a green light

Renewables help to determine where our energy will come from in the future. More and more people are recognising the benefits of green electricity for their homes. We too see electricity as the energy source of the future.

## Turning the tide ourselves

Power companies, politicians and society have been seeking viable alternatives to fossil fuels for a long time. Fossil fuels are exhaustible resources that pollute the environment. So why not simply tap into the heat contained in the sun, air, water and ground, and put it to use in your home?

You are bound to have some concerns about the energy efficiency of your house. Perhaps you would like to change to a futureproof energy supply. The largest energy consumer is your heating system: almost 80 % of the energy you consume goes into heating and hot water. There is therefore great potential for an energy transition in your home.



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promise](http://www.stiebel-eltron.com/promise)



# Produce usable heat even more efficiently

If you rely on environmental or solar energy to heat your home and domestic hot water, installing a system cylinder makes perfect sense. After all, we don't always need heat at the time it's produced. These appliances store heat as hot water so that you can use it whenever you need to. We have the right cylinder for every type of building and set of circumstances.

## **Good reasons to enjoy your home comforts**

- › Efficient and reliable heat pump operation thanks to specific system cylinders
- › Storage of solar heat with minimum losses
- › Effective use of more cost-efficient tariffs as well as your own solar power





# Practical storage of renewables

Cylinders really are multi-talented. They not only keep a supply of heat ready for when you need it, but also improve the efficiency of your heating system or heat pump. To help you choose the right cylinder for your needs, it's important to understand the difference between the thermal cylinder solutions – buffer cylinders support your heating system, whereas DHW cylinders reliably supply your home with domestic hot water.

## Choosing the right cylinder

### Take the heat source into account

Most cylinders are designed to be used in combination with a heat pump. Other models are available, however, that can be used in conjunction with oil or gas heating. Plus, if you want to integrate a solar thermal system, we have a range of suitable SOL versions available.

### Select the right size

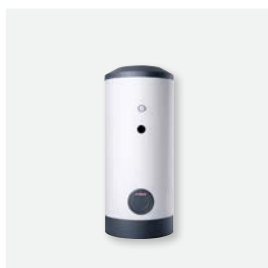
The size of the cylinder has a significant impact on its efficiency. If you opt for a smaller model, the heat generator needs to operate at full load in short intervals, which uses a lot of energy. If the cylinder is oversized, you will have unnecessarily high standby energy losses.

### Decide where to install

The ideal, all-round efficient solution is to install both a buffer cylinder and a DHW cylinder. If there isn't enough space in your home to accommodate the two appliances separately, STIEBEL ELTRON has the answer – our integral cylinders are compact units that house both types of cylinders in one casing.

# Make the best choice for all your plans

## DHW cylinders



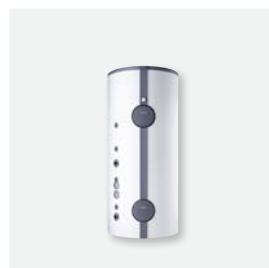
Page 08

Model	SBB 301-302 WP SBB 401-501 WP SOL
Detached and two-family house	■   ■
Apartment building	■
Commercial   large scale system	
Heating   cooling	
Domestic hot water	■
Nominal capacity	301, 290, 395, 495 l
Combination with heat pump	■
Combination with solar   gas	■   ■
Product class	Premium



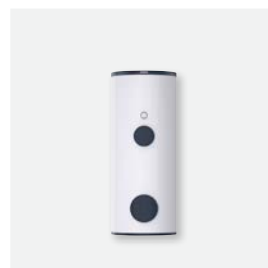
Page 10

Model	SBB 300-500-1 Plus
Detached and two-family house	■   ■
Apartment building	■
Commercial   large scale system	
Heating   cooling	
Domestic hot water	■
Nominal capacity	314, 418, 522 l
Combination with heat pump	■
Combination with solar   gas	
Product class	Plus



Page 11

Model	SBB 600-1000 WP SOL
Detached and two-family house	-   ■
Apartment building	■
Commercial   large scale system	■
Heating   cooling	
Domestic hot water	■
Nominal capacity	565, 741, 836 l
Combination with heat pump	■
Combination with solar   gas	■   ■
Product class	Plus



Page 12

Model	STD 315-520-1 Plus
Detached and two-family house	■   ■
Apartment building	■
Commercial   large scale system	
Heating   cooling	
Domestic hot water	■
Nominal capacity	314, 418, 522 l
Combination with heat pump	■
Combination with solar   gas	
Product class	Plus

## Integral cylinders



Page 18

Model	HSBB 180 Plus
Detached and two-family house	■   -
Apartment building	
Commercial   large scale system	
Heating   cooling	■   ■
Domestic hot water	■
Nominal capacity	178 l
Combination with heat pump	■
Combination with solar   gas	
Product class	Plus



Page 20

Model	HSBC 180 Plus
Detached and two-family house	■   -
Apartment building	
Commercial   large scale system	
Heating   cooling	■   ■
Domestic hot water	■
Nominal capacity	178 l (buffer cylinder 80 l)
Combination with heat pump	■
Combination with solar   gas	
Product class	Plus



Page 21

Model	STH 210-720 (-1 Plus)
Detached and two-family house	■   ■
Apartment building	
Commercial   large scale system	
Heating   cooling	■   ■
Domestic hot water	
Nominal capacity	207, 415, 703, 720 l
Combination with heat pump	■
Combination with solar   gas	■   ■
Product class	Plus



Page 22

Model	SBP 200-700 E SBP 700 E SOL
Detached and two-family house	■   ■
Apartment building	
Commercial   large scale system	
Heating   cooling	■   ■
Domestic hot water	
Nominal capacity	207, 415, 703, 720 l
Combination with heat pump	■
Combination with solar   gas	■   ■
Product class	Plus

## Buffer cylinders

## Integral cylinders



**Page 13**  
**SB-VTI 100-500**

■   ■
■
113, 147, 192, 295, 412, 496 l
■
-   ■
Trend



**Page 14**  
**HSBC 300 cool**

■   -
■   ■
■
270 l (buffer cylinder 100 l)
■
Premium



**Page 14**  
**HSBC 300 L cool**

■   -
■   ■
■
270 l (buffer cylinder 100 l)
■
Premium



**Page 16**  
**HSBC 200**

■   -
■   ■
■
168 (buffer cylinder 100 l)
■
Premium



**Page 16**  
**HSBC 200 L**

■   -
■   ■
■
180 l (buffer cylinder 100 l)
■
Plus

## Inst. water cylinders



**Page 24**  
**SBP 1000-1500 E cool**

-   ■
■
■   ■
■   ■
1006, 1503 l
■
■   ■
Plus



**Page 24**  
**SBP 1000-1500 E**  
**SBP 1000-1500 E SOL**

-   ■
■
■   ■
■   ■
979, 1006, 1473, 1503 l
■
■   ■
Plus



**Page 26**  
**SBP 100**

■   -
■
■   -
100 l
■
Plus



**Page 27**  
**SBP 100 classic**

■   -
■
■   ■
100 l
■
Trend



**Page 28**  
**SBS 601-1501 W**  
**SBS 601-1501 W SOL**

■   ■
■
■   -
■
599, 613, 740, 759, 916, 941, 1430, 1500 l
■
■   ■
Premium

# Choose an efficient partner for your heat pump

SBB 401-501 WP SOL DHW cylinder

If you value high DHW convenience and a good level of efficiency, these cylinder solutions are for you. These appliances work together with a heat pump to supply hot water in detached or two-family houses.

## **Making effective use of the sun**

And that's not all these appliances can do. One of our cylinder models is equipped with a special smooth tube indirect coil. This allows you to make full and efficient use of the heat yield from your solar thermal system.

## **Top product features**

- › For DHW heating in family homes
- › Designed for different heat pumps
- › Can be combined with a solar thermal system
- › Model also available without option to connect to solar thermal system (SBB 301-302 WP)

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This product is available in various designs.



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DHW heating





# Make the link between hot water and high efficiency

## SBB Plus DHW cylinder



Our solutions allow you to make good use of water heated with environmental energy. You simply need to combine your environmentally responsible heating heat pump with this DHW cylinder. It's also an effective way to boost energy efficiency. Under ErP rules, the appliance is rated class B.

### **Versatile, long term use**

Remarkable efficiency is just one of the many benefits that you can look forward to. Thanks to integral corrosion protection, you can continue to enjoy your cylinder for many years to come. It doesn't matter whether you live in a detached or two-family house, the appliance is suitable for use in both types of building.

### **Top product features**

- › DHW cylinders for combination with heating heat pumps
- › Low standby losses for efficient operation
- › Integral corrosion protection
- › Choice of 300, 400 or 500 litre version, depending on DHW demand



DHW heating

# Store hot water on a grand scale

SBB 600-1000 WP SOL DHW cylinder



Looking for a hot water supply on a grand scale? No problem! These cylinders are suitable for combination with large heat pumps such as those used in detached or two-family houses and commercial buildings. If you find that your demand increases, you can easily retrofit a booster heater.

## Soak up all the sun

These DHW cylinders also use solar heat on a large scale. With a nominal capacity of more than 800 litres, they allow you to store the heat obtained even from larger solar thermal systems with ease. Where demand is greater still, simply link the cylinders in series.

## Top product features

- › Large nominal cylinder capacity of more than 800 litres
- › Even greater efficiency through highly effective WDH SBB thermal insulation as an optional accessory
- › Increased service life due to corrosion protection as standard
- › Can optionally be equipped with a booster heater



DHW heating

# Increase energy efficiency in your home

STD Plus DHW cylinder



Our solutions allow you to make good use of water heated with environmental energy. You simply need to combine your eco-friendly heating heat pump with this DHW cylinder. It's also an effective way to boost energy efficiency. Under ErP rules, the appliance is rated class B.

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## **Top product features**

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- › Low standby losses for efficient operation
- › Integral corrosion protection
- › Choice of 300, 400 or 500 litre version, depending on DHW demand



DHW heating

# Enjoy hot water at any time

SB-VTI DHW cylinder



This cylinder ensures that domestic hot water is available day and night, irrespective of whether it supplies just your home, or also your neighbour's. With a volume of up to 150 litres, it's an excellent choice for your detached house. The appliance is also equally suitable for two-family houses.

## The perfect combination

Easily combine the DHW cylinder with a heating heat pump to enjoy maximum convenience. The appliance can also be linked to an oil or gas boiler if required. For ease of operation, we have also equipped it with a temperature controller and a thermometer.

## Top product features

- › DHW cylinder for combination with heating heat pumps or other heat generators
- › Slimline format for easy integration into the space available
- › Integral corrosion protection



DHW heating





# Save a good deal of space

## HSBC 300 cool integral cylinder

When it comes to accommodating multiple functions in a space saving design, this integral cylinder is far ahead of the pack. There's no need to install two cylinders next to one another – instead, you can use a single unit that has the DHW cylinder and the buffer cylinder arranged one on top of the other. As a result, you only need half as much installation space.

### Control the system with ease

The integral buffer cylinder allows you to install this cylinder in almost any heating system. Be it in combination with radiators, underfloor heating or both. As the heat pump manager is contained within the appliance, controlling the system couldn't be easier.

### Top product features

- › Combi unit comprising a DHW cylinder and a buffer cylinder
- › For greater DHW convenience
- › Halves the installation space required for separate cylinders
- › Compact, reliable and energy saving
- › Perfect for combination with a heat pump
- › Can be integrated into a heating or cooling system
- › Connection of two heating circuits possible
- › With integral heat pump manager for even faster installation of the overall system
- › Further model available for combination with a heat pump with integral controller (HSBC 300 L cool)

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This product is available in various designs.



DHW heating



Heating



Cooling

# Put together the perfect duo for your home

## HSBC 200 integral cylinder

Opt for one appliance and get two cylinders. That's possible with this cylinder solution. This space saving combination of DHW cylinder and buffer cylinder gives you a capacity of up to 180 litres. This ensures a reliable supply to your home.

### Never do without heat

Thanks to its carefully coordinated design, you can easily connect the integral cylinder to a suitable model from our range of efficient air source heat pumps. You can choose whether to install the appliance in a heating system with radiators, underfloor heating or both. This ensures an absolutely reliable supply of domestic hot water and heating energy in your home.

### Top product features

- › Combi unit comprising a DHW cylinder of up to 180 litres with a buffer cylinder
- › Halves the installation space required for separate cylinders
- › Compact, reliable and energy saving for use in family homes
- › Perfect for combination with an air source heat pump for DHW heating and room heating
- › Connection of two heating circuits possible
- › Further model available for combination with a heat pump with integral controller (HSBC 200 L)

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This product is available in various designs.



DHW heating



Heating



Cooling





# Form alliances for added convenience

## HSBB 180 Plus DHW cylinder

Are you looking for a cylinder solution for your newly built detached house? Then you've come to the right place. Combine this indoor DHW cylinder with one of our outdoor heat pumps and enjoy high levels of convenience and cost savings – especially if your home is equipped throughout with underfloor heating. The cylinder integrates all hydraulic components for maximum practicality.

### Top product features

- › Indoor installation of appliance with all important hydraulic components
- › Compact, reliable and energy saving for use in family homes
- › Perfect for combination with a heat pump installed outdoors
- › Can also be used for cooling via underfloor heating system or fan convectors

### Skilful adaptation

When summer comes and it's time to turn the heating off, the cylinder also supports cooling via the heat pump and underfloor heating system. The minimalist design of the cylinder also helps it to look great in whatever installation room you choose.



DHW heating



Heating



Cooling



# Benefit from a range of functions in the smallest of spaces

HSBC 180 Plus integral cylinder



This integral cylinder makes it easy for you to enjoy heating and hot water at any time, yet in a particularly economical way. The integral buffer cylinder stores thermal energy that isn't currently needed and releases it to the heating circuit when it is. At the same time, it also boosts the reliability of the system as a whole, to make sure that you're plentifully supplied.

## Find your cool in the summer

An additional benefit of this integral cylinder is the option for cooling via an underfloor heating system or fan convectors. Despite this extensive functionality, you need nothing more than a compact appliance which takes up only minimal space, conveniently combined with an outdoor air source heat pump. Its flexibility is also impressive: whether radiators or under-floor heating – you can install the cylinder in almost any heating system.

## Top product features

- › Combi unit comprising a DHW cylinder and a buffer cylinder
- › Halves the installation space required for separate cylinders
- › Compact, reliable and energy saving
- › Perfect for combination with heat pumps installed outdoors for DHW heating and room heating
- › Can also be used for cooling



DHW heating



Heating



Cooling



# Find the ideal supplement to your heat pump

## STH buffer cylinder



You've decided on an environmentally responsible heat pump and are now looking for an accompanying buffer cylinder. This model for detached and two-family houses is the perfect choice. If necessary, you can also connect an electric heater to the cylinder for a plentiful heat supply. If your heat pump supports reverse operation, the appliance can also store the water required for cooling.

### Make use of thermal energy

Our range also includes a model equipped with a special indirect coil, which allows you to make efficient and effective use of the heat yielded by your solar thermal system.

### Top product features

- › Designed for different heat pumps
- › Cooling operation possible
- › Individual cylinder selection subject to system size
- › Highly effective thermal insulation



Heating



Cooling

# The perfect complement to your heat pump

SBP 200-700 E | 700 E SOL buffer cylinder

You've decided on an environmentally responsible heat pump and are now looking for an accompanying buffer cylinder. This model for detached and two-family houses is the perfect choice. If necessary, you can also connect an electric heater to the cylinder for a plentiful heat supply. If your heat pump supports reverse operation, the appliance can also store the water required for cooling.

## **Make use of thermal energy**

Our range also includes a model equipped with a special indirect coil, which allows you to make efficient and effective use of the heat yielded by your solar thermal system.

## **Top product features**

- › Designed for different heat pumps
- › Cooling operation possible
- › Individual cylinder selection subject to system size
- › Highly effective thermal insulation



Heating



Cooling





# Overcome major challenges with ease

SBP 1000-1500 E buffer cylinder

Well equipped for major challenges – the larger versions of this buffer cylinder can be easily linked to large, high performance heat pumps, including cascades. This solution is also ideal if you're planning to integrate a solar thermal system or additional heat generator to charge the buffer cylinder.

## Enjoy the full range of functions

The larger versions of this cylinder are the preferred option for apartment buildings. A reliable operating pressure of 10 bar helps to ensure a particularly high level of reliability. If you opt to use the appliance for cooling as well, you'll have everything you need to enjoy the full range of functions offered by our heat pumps.

## Top product features

- › Specifically sized for high heat pump output, for example in the form of a cascade arrangement
- › Cooling operation possible (SBP 1000-1500 E cool)
- › Thermal insulation as an optional accessory
- › Model also available without cooling function (SBP 1000-1500 E)
- › Model can also be combined with a solar thermal system (SBP 1000-1500 E SOL)

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This product is available in various designs.



Heating



Cooling

# Gain space with efficient cylinder technology

## SBP buffer cylinder



This buffer cylinder offers you its own particular benefits. It is the most compact buffer cylinder in our range and is designed for wall mounting. Once installed, it is particularly space saving and therefore makes an excellent choice if you have an energy efficient detached house with a low heat demand.

### Top product features

- › Ideal addition to small heat pump systems in family homes
- › Space saving wall mounting



Heating



# Save space and benefit from an impressive performance

SBP classic buffer cylinder



SBP 100 classic

This version has virtually no limitations on where it can be installed. The heat pump and heating circuit connections can be made on the left or right. As a further practical benefit, you can also use this buffer cylinder for cooling.

#### Top product features

- › Ideal addition to small heat pump systems in family homes
- › Floorstanding version



Heating



Cooling

# Let a strong team take care of the work

SBS W SOL instantaneous water cylinder



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This product is available in various designs.

Smart technology in the smallest of spaces: you don't have to give up much room to accommodate this buffer cylinder and DHW cylinder combination. An additional benefit is the high level of hygiene. As the appliance contains a very effective indirect coil, it stores only small quantities of domestic hot water. The buffer cylinder retains heat for room heating whenever you need it.

#### **Integrate solar energy**

With one of our efficient heat pumps, you can easily connect an additional heat source. We also offer a version of the instantaneous water cylinder that allows you to enjoy the benefits of a solar thermal system as well.

#### **Top product features**

- › Space and price advantage due to two functions in a single cylinder
- › Wide range of possible applications through combination with a solar thermal system or with other heat generators
- › Only one cylinder for DHW heating and room heating
- › Halves the installation space required for separate cylinders
- › Universal application options
- › Model also available without solar thermal connection (SBS W)



DHW heating



Heating

## DHW cylinders product comparison

Model		SBB 301 WP	SBB 302 WP	SBB 401 WP SOL	SBB 501 WP SOL
<b>Product number</b>		<b>221360</b>	<b>221361</b>	<b>221362</b>	<b>227534</b>
Rated capacity	l	301	290	395	495
Energy efficiency class		C	C	C	C
Standby energy consumption/24 h at 65 °C	kWh	2.1	2.1	2.4	2.4
Surface, indirect coil	m <sup>2</sup>	3.2	4.8	4	
Surface, indirect coil, top	m <sup>2</sup>	3.2	4.8	4	5
Surface area, lower indirect coil	m <sup>2</sup>			1.4	1.4
Max. permissible pressure	MPa	1	1	1	1
Max. recommended collector aperture area	m <sup>2</sup>			8	10
Height/Diameter incl. thermal insulation	mm	1710/700	1710/700	1880/750	1988/810
Weight (dry)	kg	142	184	189	222
Product class Premium/Plus/Trend		■/-/-	■/-/-	■/-/-	■/-/-

Model		SBB 300-1 Plus	SBB 400-1 Plus	SBB 500-1 Plus
<b>Product number</b>		<b>202487</b>	<b>202488</b>	<b>202489</b>
Rated capacity	l	314	418	522
Energy efficiency class		B	B	B
Standby energy consumption/24 h at 65 °C	kWh	1.7	1.8	1.9
Surface, indirect coil, top	m <sup>2</sup>	2	2.6	3.2
Max. permissible pressure	MPa	1	1	1
Height	mm	1619	1799	1904
Diameter incl. thermal insulation	mm	650	730	780
Weight (dry)	kg	111	139	182
Product class Premium/Plus/Trend		-/■/-	-/■/-	-/■/-

Model		SBB 600 WP SOL	SBB 800 WP SOL	SBB 1000 WP SOL
<b>Product number</b>		<b>235906</b>	<b>235907</b>	<b>235908</b>
Rated capacity	l	575	770	835
Standby energy consumption/24 h at 65 °C	kWh	2.7	3	3.4
Surface, indirect coil, top	m <sup>2</sup>	5.7	6.2	6.2
Surface area, lower indirect coil	m <sup>2</sup>	2	2.6	3.6
Max. permissible pressure	MPa	1	1	1
Max. recommended collector aperture area	m <sup>2</sup>	12	14	17
Height	mm	1775	1943	2153
Diameter incl. thermal insulation	mm	970	1010	1010
Weight (dry)	kg	244	296	322
Product class Premium/Plus/Trend		-/■/-	-/■/-	-/■/-

Model		WDH 600 SBB	WDH 800 SBB	WDH 1000 SBB
<b>Product number</b>		<b>235909</b>	<b>235910</b>	<b>235911</b>
Standby energy consumption/24 h at 65 °C	kWh	2.7	3	3.4
Insulation for		SBB 600 WP SOL	SBB 800 WP SOL	SBB 1000 WP SOL
Height	mm	1803	2065	2275

## DHW cylinders product comparison

Model		STD 315-1 Plus	STD 420-1 Plus	STD 520-1 Plus
Product number		204784	204785	204786
Rated capacity	l	314	418	522
Energy efficiency class		B	B	B
Standby energy consumption/24 h at 65 °C	kWh	1.7	1.8	1.9
Surface, indirect coil, top	m²	2	2.6	3.2
Max. permissible pressure	MPa	1	1	1
Height	mm	1619	1799	1904
Diameter incl. thermal insulation	mm	650	730	780
Weight (dry)	kg	111	139	182
Product class Premium/Plus/Trend		-/■/-	-/■/-	-/■/-

Model		SB-VTI 100	SB-VTI 150	SB-VTI 200	SB-VTI 300	SB-VTI 400	SB-VTI 500
Product number		200156	200157	200158	200159	200160	200161
Rated capacity	l	113	147	192	295	412	496
Energy efficiency class		B		C	C	C	C
Standby energy consumption/24 h at 65 °C	kWh	1.1	1.4	1.5	2.2	2.5	2.7
Surface, indirect coil, top	m²	1	1.1	1.3	1.5	1.9	2.3
Max. permissible pressure	MPa	0.6	0.6	0.6	0.6	0.6	0.6
Height	mm	1022	1262	1574	1552	1543	1813
Diameter incl. thermal insulation	mm	550	550	550	650	750	750
Weight (dry)	kg	66	81	96	126	188	213
Product class Premium/Plus/Trend		-/-/■	-/-/■	-/-/■	-/-/■	-/-/■	-/-/■

## Integral cylinders product comparison

Model		HSBC 300 cool
Product number		236686
Nominal capacity, buffer cylinder	l	100
Nominal capacity, DHW cylinder	l	270
Energy efficiency class		B
Standby energy consumption/24 h at 65 °C	kWh	1.5
Surface, indirect coil	m²	3.3
Height/Width/Depth	mm	1918/680/910
Weight (dry)	kg	250
Product class Premium/Plus/Trend		■/-/-

## Integral cylinders product comparison

Model	HSBC 300 L cool	
<b>Product number</b>	<b>238826</b>	
Nominal capacity, buffer cylinder	l	100
Nominal capacity, DHW cylinder	l	270
Energy efficiency class	B	
Standby energy consumption/24 h at 65 °C	kWh	1.45
Surface, indirect coil	m <sup>2</sup>	3.2
Height/Width/Depth	mm	1918/680/910
Weight (dry)	kg	248
Product class Premium/Plus/Trend	■/-/-	

Model	HSBC 200	
<b>Product number</b>	<b>233510</b>	
Nominal capacity, buffer cylinder	l	100
Nominal capacity, DHW cylinder	l	168
Energy efficiency class	B	
Standby energy consumption/24 h at 65 °C	kWh	1.3
Surface, indirect coil	m <sup>2</sup>	3.3
Height	mm	1908/680/871
Weight (dry)	kg	203
Product class Premium/Plus/Trend	■/-/-	

Model	HSBC 200 L	
<b>Product number</b>	<b>236684</b>	
Nominal capacity, buffer cylinder	l	100
Nominal capacity, DHW cylinder	l	180
Energy efficiency class	B	
Standby energy consumption/24 h at 65 °C	kWh	1.3
Surface, indirect coil	m <sup>2</sup>	1.6
Height	mm	1908/680/800
Weight (dry)	kg	185
Product class Premium/Plus/Trend	-/■/-	

## Integral cylinders product comparison

Model	HSBB 180 Plus	
Product number	202926	
Nominal capacity, DHW cylinder	l	178
Energy efficiency class		B
Standby energy consumption/24 h at 65 °C	kWh	1.29
Surface, indirect coil	m²	1.59
Height/Width/Depth	mm	1309/605/917
Weight (dry)	kg	100
Product class Premium/Plus/Trend		-/■/-

Model	HSBC 180 Plus	
Product number	202927	
Nominal capacity, buffer cylinder	l	80
Nominal capacity, DHW cylinder	l	178
Energy efficiency class		B
Standby energy consumption/24 h at 65 °C	kWh	1.29
Surface, indirect coil	m²	1.59
Max. permissible pressure, buffer cylinder	MPa	0.3
Height/Width/Depth	mm	1919/605/917
Weight (dry)	kg	145
Product class Premium/Plus/Trend		-/■/-

## Buffer cylinders product comparison

Model		STH 210 Plus	STH 415 Plus	STH 720 Plus	STH 720-1 Plus
Product number		203763	203764	203765	203766
Rated capacity	l	207	415	720	703
Standby energy consumption/24 h at 65 °C	kWh	1.1	1.6	2.2	2.2
Surface area, lower indirect coil	m²				2
Max. permissible pressure	MPa	0.3	0.3	0.3	0.3
Max. recommended collector aperture area	m²				14
Height	mm	1535	1710	1890	1890
Diameter incl. thermal insulation	mm	630	750	910	910
Weight (dry)	kg	58	81	185	216
Product class Premium/Plus/Trend		-/■/-	-/■/-	-/■/-	-/■/-

Model		SBP 200 E	SBP 400 E	SBP 700 E	SBP 700 E SOL
Product number		185458	220824	185459	185460
Rated capacity	l	207	415	720	703
Energy efficiency class		B	B		
Standby energy consumption/24 h at 65 °C	kWh	1.1	1.6	2.2	2.2
Surface, indirect coil	m²				2
Surface area, lower indirect coil	m²				2
Max. permissible pressure	MPa	0.3	0.3	0.3	0.3
Max. recommended collector aperture area	m²				14
Height	mm	1535	1710	1890	1890
Diameter incl. thermal insulation	mm	630	750	910	910
Weight (dry)	kg	58	81	185	216
Product class Premium/Plus/Trend		-/■/-	-/■/-	-/■/-	-/■/-



## Buffer cylinders product comparison

Model		SBP 1000 E cool	SBP 1500 E cool	SBP 1010 E cool
<b>Product number</b>		<b>227588</b>	<b>227589</b>	<b>236570</b>
Rated capacity	l	1006	1503	1006
Standby energy consumption/24 h at 65 °C	kWh	3.5	4	3.5
Max. permissible pressure	MPa	0.3	0.3	1
Height	mm	2300	2220	2300
Diameter incl. thermal insulation	mm	1010	1220	1010
Weight (dry)	kg	181	239	242
Product class Premium/Plus/Trend		-/■/-	-/■/-	-/■/-

Model		WDH 1000 cool	WDH 1500 cool
<b>Product number</b>		<b>231921</b>	<b>231922</b>
Standby energy consumption/24 h at 65 °C	kWh	3.5	4
Insulation for		SBP 1000 and 1010 E cool	SBP 1500 E cool
Height	mm	2340	2255

Model		SBP 1000 E	SBP 1500 E	SBP 1000 E SOL	SBP 1500 E SOL	SBP 1010 E
<b>Product number</b>		<b>227564</b>	<b>227565</b>	<b>227566</b>	<b>227567</b>	<b>236569</b>
Rated capacity	l	1006	1503	979	1473	1006
Standby energy consumption/24 h at 65 °C	kWh	3.6	4.1	3.6	4.1	3.6
Surface, indirect coil	m²			3	3.6	
Surface area, lower indirect coil	m²			3.00	3.6	
Max. permissible pressure	MPa	0.3	0.3	0.3	0.3	1
Max. recommended collector aperture area	m²			20	30	
Height	mm	2300	2220	2300	2220	2300
Diameter incl. thermal insulation	mm	1010	1220	1010	1220	1010
Weight (dry)	kg	172	229	219	285	233
Product class Premium/Plus/Trend		-/■/-	-/■/-	-/■/-	-/■/-	-/■/-

Model		WDH 1000 SBP	WDH 1010 SBP	WDH 1500 SBP
<b>Product number</b>		<b>231929</b>	<b>201662</b>	<b>231930</b>
Standby energy consumption/24 h at 65 °C	kWh	3.6	3.6	4.1
Insulation for		SBP 1000 E and E SOL	SBP 1010 E	SBP 1500 E and E SOL
Height	mm	2340	2340	2255

Model		SBP 100
<b>Product number</b>		<b>185443</b>
Rated capacity	l	100
Energy efficiency class		C
Standby energy consumption/24 h at 65 °C	kWh	1.4
Max. permissible pressure	MPa	0.3
Height	mm	955
Weight (dry)	kg	42.5
Product class Premium/Plus/Trend		-/■/-

## Buffer cylinders product comparison

Model		SBP 100 classic
Product number		235200
Rated capacity	l	100
Energy efficiency class		C
Standby energy consumption/24 h at 65 °C	kWh	1.2
Max. permissible pressure	MPa	0.3
Height	mm	877
Diameter incl. thermal insulation	mm	510
Weight (dry)	kg	21
Product class Premium/Plus/Trend		-/-/■

## Instant water cylinders product comparison

Model		SBS 601 W	SBS 601 W SOL	SBS 801 W	SBS 801 W SOL	SBS 1001 W	SBS 1001 W SOL	SBS 1501 W	SBS 1501 W SOL
Product number		229980	229984	229981	229985	229982	229986	229983	229987
Rated capacity	l	613	599	759	740	941	916	1430	1399
Standby energy consumption/24 h at 65 °C	kWh	2.6	2.6	2.9	2.9	3.5	3.5	3.6	4.1
Max. permissible pressure, DHW	MPa	1	1	1	1	1	1	1	1
Surface area, lower indirect coil	m²		1.5		2.4		3,20		3.7
Max. permissible pressure	MPa	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Max. recommended collector aperture area	m²		12		16		20		30
Height	mm	1665	1665	1830	1830	2240	2240	2155	2155
Diameter incl. thermal insulation	mm	970	970	1010	1010	1010	1010	1220	1220
Weight (dry)	kg	135	180	150	195	175	220	236	291
Product class Premium/Plus/Trend		■/-/-	■/-/-	■/-/-	■/-/-	■/-/-	■/-/-	■/-/-	■/-/-

Model		WDH 601 SBS	WDH 801 SBS	WDH 1001 SBS	WDH 1501 SBS
Product number		231925	231926	231927	231928
Standby energy consumption/24 h at 65 °C	kWh	2.6	2.9	3.5	4.1
Insulation for		SBS 601 W, W SOL	SBS 801 W, W SOL	SBS 1001 W, W SOL	SBS 1501 W, W SOL
Height	mm	1775	1940	2350	2265

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