

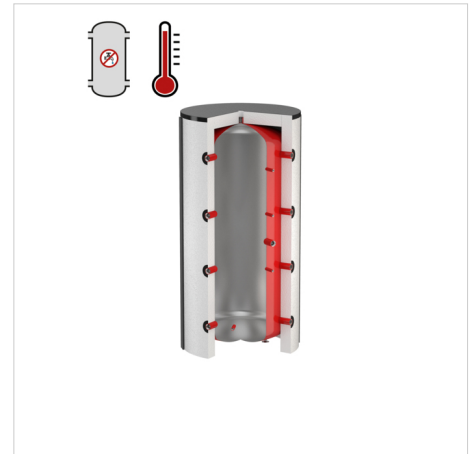
Buffer vessels for use in closed heating installations. Can also be used as buffer vessel in cooling installations (insulation for cooling installations is not available; for buffer vessels for cooling installations provided with insulation, see Flamco FlexTherm PSK).

### Advantages

- On a construction with adjustable feet for accurate levelling (up to 2000 litres).
- Can be connected with several buffer vessels.
- Temperature sensor connections: G1/2" (4x).
- Connections under a 90° angle, enabling an angular setting.
- Alternative connections, capacities and operating pressures are available upon request.

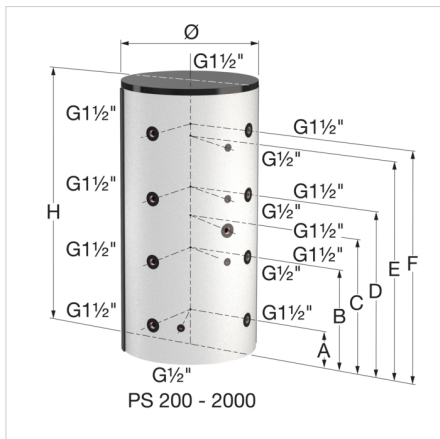
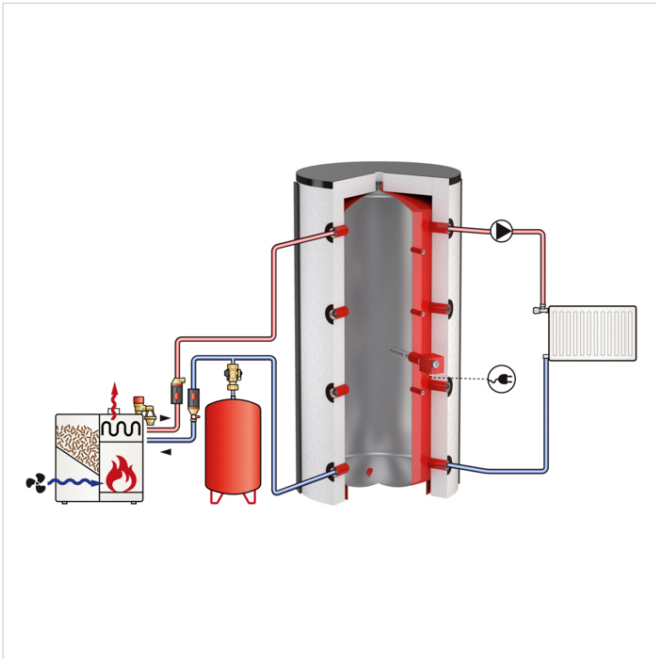
### Technical Specifications

- Maximum working pressure: 3 bar.
- Maximum working temperature: 95 °C.
- Steel vessel (made of S235JR): Outside powder-coated, inside untreated.
- Insulation (Excluded - Can be ordered separately (see Chapter 'Accessories for Water Heaters and Storage Vessels')):  
EPS insulating mantle (fire category B1) with a polypropylene outer shell in white (RAL 9010) / white aluminium (RAL 9006).



Description	FlexTherm PS Buffer 1200L	
Order Code	18843	
GTIN	08712874188433	
Model	<u>FlexTherm PS 200 - 5000</u>	
Capacity [l]	1200	
Dimensions *	Ø [mm]	850
	H [mm]	2250
	Tilting height [mm]	2300
Weight [kg]	175	

\* Dimensions excluding insulation.



**FlexTherm PS 200 - 5000 - Connection diagram**

Type	System connections	Distance from floor to connections					
		A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
FlexTherm PS 200	8	180	480	-	780	980	1080
FlexTherm PS 300	8	210	590	-	980	1260	1360
FlexTherm PS 500	8	180	600	770	1010	1330	1430
FlexTherm PS 600	8	180	730	980	1280	1730	1830
FlexTherm PS 750	8	270	690	940	1100	1420	1520
FlexTherm PS 850	8	270	740	970	1200	1570	1670
FlexTherm PS 1000 (Ø 790)	8	270	820	995	1370	1820	1920
FlexTherm PS 1000 (Ø 850)	8	305	790	1075	1220	1605	1705
FlexTherm PS 1200	8	305	855	1195	1405	1855	1955
FlexTherm PS 1500	8	340	890	1230	1440	1890	1990
FlexTherm PS 1800	8	350	850	1100	1350	1750	1850
FlexTherm PS 2000	8	350	900	1310	1450	1900	2000
FlexTherm PS 3000	8	450	1060	1390	1720	2240	2330
FlexTherm PS 4000	8	540	1150	1480	1810	2330	2420
FlexTherm PS 5000	8	695	1305	1635	1965	2485	2575

**FlexTherm PS 200 - 5000 - Performance**

Technical specifications	FlexTherm PS 200 - 5000														
	200	300	500	600	750	850	1000 Ø790	1000 Ø850	1200	1500	1800	2000	3000	4000	5000
Total heat loss (EN 12897) [W]	76	107	138	110	120	129	142	141	133	162	173	183	n/a	n/a	n/a
Energy label	C	D	D	C	C	C	C	C	C	C	C	C	n/a	n/a	n/a

n/a = not applicable.

**Classification General Data**

<b>Etim Group</b>	Storage tanks/vessels
<b>Etim Class</b>	Storage tank (heating/cooling system)
<b>Product Name</b>	FlexTherm PS Buffer 1200L
<b>Brand</b>	FLAMCO
<b>Product Type</b>	Buffer vessels
<b>Order Code</b>	18843
<b>GTIN</b>	08712874188433

**Attributes**

<b>Suitable for central heating</b>	Yes
<b>Suitable for cooling</b>	No
<b>Suitable for heat pump</b>	Yes
<b>Suitable for cooling water installation</b>	Yes
<b>Mounting method</b>	Floor standing
<b>Material tank</b>	Steel
<b>Surface protection inner side</b>	Untreated
<b>Surface protection outer side</b>	Coated
<b>With insulation</b>	No
<b>Volume</b>	1200 Litre
<b>Height</b>	2250 Millimetre
<b>Diameter</b>	850 Millimetre
<b>Diameter without insulation</b>	850 Millimetre
<b>Max. operating pressure</b>	3 Bar
<b>Max. temperature</b>	95 Degrees celsius
<b>Connection 1</b>	Internal thread
<b>Connection size 1</b>	1 1/2 inch
<b>Connection 2</b>	Internal thread
<b>Connection size 2</b>	Other
<b>With immersion tube</b>	No
<b>With electrical element</b>	No
<b>With connection temperature sensor</b>	Yes
<b>Number of connections of temperature sensor</b>	4
<b>Connection size temperature sensor</b>	1/2 inch

**Find more information online:**

[Installation and operating instruction](#)

[PS ADSK](#)

[PS DWG](#)

[PS IPT](#)

[PS STEP](#)

[PS 500l RFA](#)

[PS 1500 - 5000l RFA](#)

[Selection Guide](#)

[ErP label PS 200](#)

[ErP label PS 300](#)

[ErP label PS 500](#)

[Packaging data](#)

Fort Blauwkapel 1  
1358 DB, Almere - nl

T +31 (0)36 52 62 300  
E [info@aalberts-hfc.com](mailto:info@aalberts-hfc.com)  
I [flamcogroup.com](http://flamcogroup.com)