

# Product Data Sheet (2021-03-22)

## FlexTherm KPS 500 - 1000

Space-saving water heater and buffer vessel in one for combining several heating systems (such as solid fuel, oil and gas boilers) with potable water heating.

Including a permanently welded-in heating coil for coupling to additional heating sources (such as a solar installation).



Туре	Capacity		Dimensions *			Heating	Weight	###	Order
	Total [I]	Potable water [I]	Ø [mm]	H [mm]	Tilting height [mm]	surface area of coil [m <sup>2</sup> ]	[kg]		Code
FlexTherm KPS 500/155	500	155	650	1610	1700	1.6	138	1	19110
FlexTherm KPS 600/155	600	155	650	2010	2100	2.0	160	1	19366
FlexTherm KPS 750/155	750	155	790	1760	1850	2.1	170	1	19080
FlexTherm KPS 850/175	850	175	790	1930	2000	2.3	215	1	19367
FlexTherm KPS 1000/215	1000	215	790	2180	2250	2.7	260	1	19090

\* Dimensions excluding insulation.



Туре	Distance from floor to connection centres									
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	K [mm]	L [mm]		
FlexTherm KPS 500/155	180	280	600	770	770	1010	1330	1430		
FlexTherm KPS 600/155	180	280	730	880	980	1280	1730	1830		
FlexTherm KPS 750/155	270	370	690	890	940	1100	1420	1520		
FlexTherm KPS 850/175	270	370	740	920	970	1200	1570	1670		
FlexTherm KPS 1000/215	270	370	820	1010	1095	1370	1820	1920		



#### **Advantages**

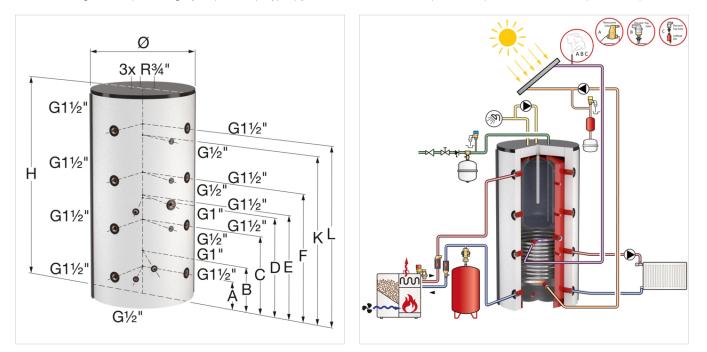
- Including adjustable feet for accurate levelling ( < 600 litre ) or on fixed feet ( > 750 litre ).
- Equipped with several connections and an immersion pipe for a temperature sensor.
- Cold water supply at the bottom to prevent turbulence and to maintain stratification.
- Including Mg-anode in the potable water vessel.
- Connections under a 90° angle, enabling an angular setting.
- Temperature sensor connections: G1/2" (4x).

#### **Technical information**

- Maximum working pressure: 3 bar (buffer vessel) / 10 bar (potable water vessel / heating coil).
- Maximum working temperature: 95 °C (buffer vessel / potable water vessel) / 110 °C (heating coil).
- Buffer vessel made from steel (S235JR): Outside powder-coated, inside untreated.
- Potable water vessel made from steel (S235JR): Outside untreated, inside with high-quality glass lining according to DIN 4753/part 3 for potable water.

• 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).



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