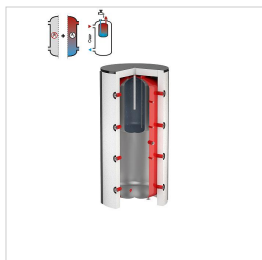


Product Data Sheet (2021-03-22)

FlexTherm KPB 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.



Type	Capacity		Dimensions *			Weight [kg]	###	Order Code
	Total [l]	Potable water [l]	Ø [mm]	H [mm]	Tilting height [mm]			
FlexTherm KPB 500/155	500	155	650	1610	1700	107	1	19361
FlexTherm KPB 600/155	600	155	650	2010	2100	130	1	19362
FlexTherm KPB 750/155	750	155	790	1760	1850	138	1	19363
FlexTherm KPB 850/175	850	175	790	1930	2000	180	1	19364
FlexTherm KPB 1000/215	1000	215	790	2180	2250	220	1	19365

* Dimensions excluding insulation.



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

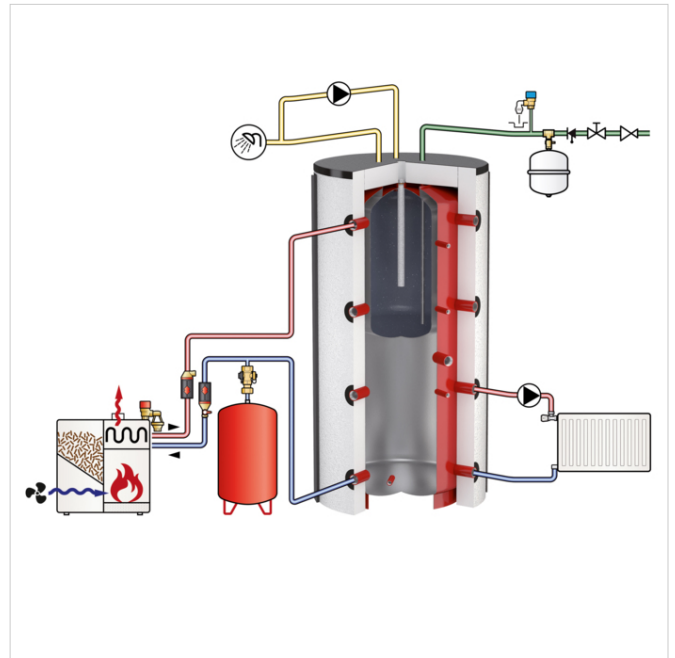
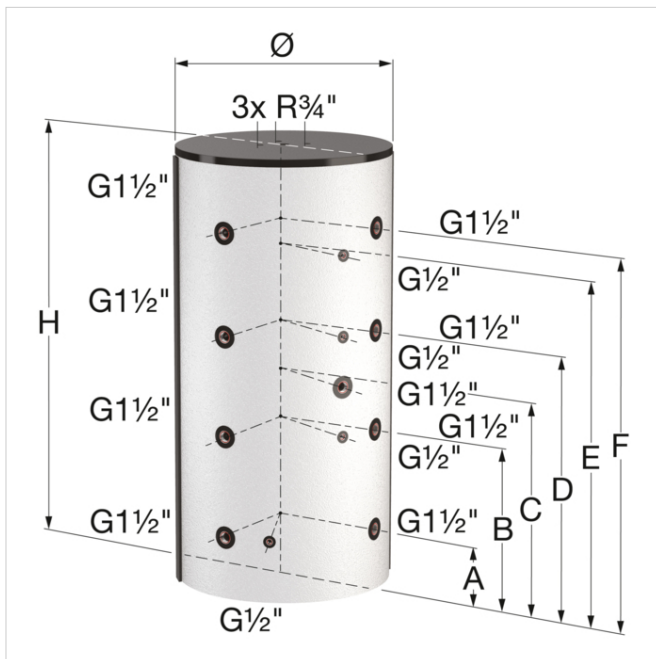
Technical specifications	FlexTherm KPB 500 - 1000				
	500/155	600/155	750/155	850/175	1000/215
Total heat loss (EN 12897) [W]	92	107	118	127	140
Energy label	C	C	C	C	C

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: G $\frac{1}{2}$ " (4x).

Technical information

- Maximum working pressure: 3 bar (buffer vessel) / 10 bar (potable water vessel).
- Maximum working temperature: 95 °C.
- 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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