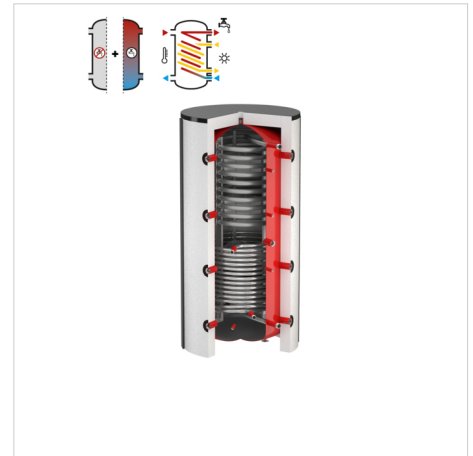


Combined buffer and flow-through vessel. For combining several heating systems (such as solid fuel, oil and gas boilers) and a second heating coil for separate additional heating of solar-energy installations in combination with potable water heating.

Potable water heating by means of a stainless steel ribbed heating coil. The capacity of the potable water coil is approx. 40 litres to guarantee the convenience of direct hot water supply.

Technical Specifications

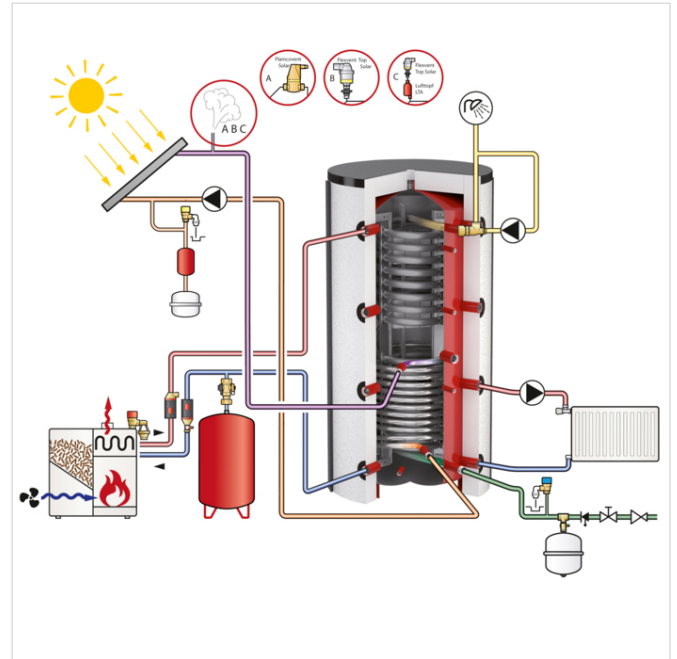
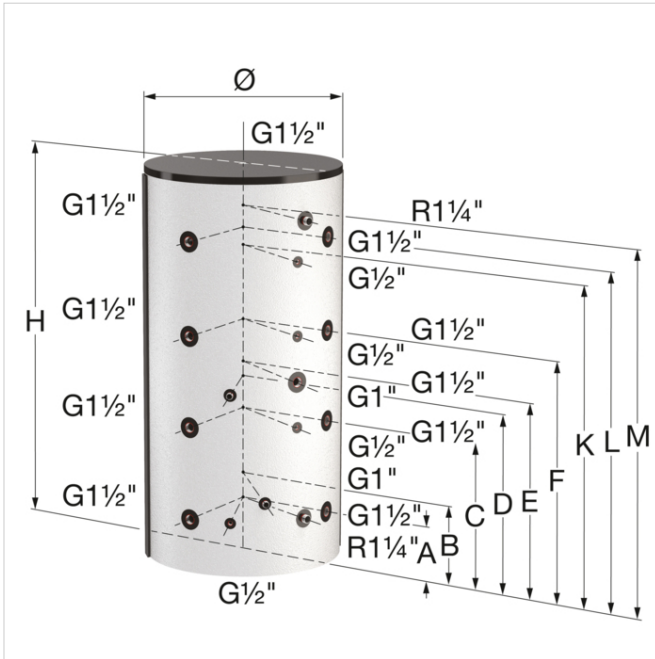
- Maximum working pressure: 3 bar (buffer vessel) / 6 bar (potable water coil) / 10 bar (solar system heating coil).
- Maximum working temperature: 95 °C (buffer vessel/potable water coil) / 110 °C (solar system heating coil).
- Insulation (Excluded - Can be ordered separately (see Chapter 'Accessories 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 Duo FWS Combi 1000L/790		
Order Code	18195		
GTIN	08712874181953		
Model	<u>FlexTherm Duo FWS 500 - 1500</u>		
Capacity [l]	1000		
Heating surface area	Potable water [m ²]	7.2	
	Solar [m ²]	2.7	
Dimensions *	Ø [mm]	790	
	H [mm]	2200	
	Tilting height [mm]	2250	
Weight [kg]	250		

* Dimensions excluding insulation.




FlexTherm Duo FWS - Connection diagram

Type	Distance from floor to connection centres								
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	K [mm]	L [mm]	M [mm]
FlexTherm Duo FWS 500	180	280	600	720	770	1010	1330	1430	1430
FlexTherm Duo FWS 750	270	370	690	890	940	1100	1420	1520	1620
FlexTherm Duo FWS 1000	270	370	820	1010	1095	1370	1820	1920	2020
FlexTherm Duo FWS 1500	340	440	890	1040	1230	1440	1890	1990	2090

FlexTherm Duo FWS - Performance

Technical specifications	FlexTherm Duo FWS 500 - 1500			
	500	750	1000	1500
Total heat loss (EN 12897) [W]	137	118	140	160
Energy label	D	C	C	C

Classification General Data

Etim Group	Boilers and heaters
Etim Class	Hot tap water boiler indirectly heated
Product Name	FlexTherm Duo FWS Combi 1000L/790
Brand	FLAMCO
Product Type	Combi storage vessels
Order Code	18195
GTIN	08712874181953

Attributes

Material boiler tank	Steel
Material casing	Steel
Surface protection tank	Untreated
Volume	1000 Litre
Heat transfer	Spiral
Double separation	No
Wall set-up	No
Vertical positioning	Yes
Max. primary operating pressure	3 Bar
Max. secondary operating pressure	10 Bar
With pressure reducing valve	No
With pressure gauge	No
With thermometer	No
With cleaning opening	No
Protective anode	Yes
Height	2200 Millimetre
Width	790 Millimetre
Depth	790 Millimetre
Diameter	790 Millimetre
Tilting height	2250 Millimetre
Cold tap water connection	Other
Thread size, cold tap water	1 inch
Nominal diameter cold tap water	1 inch (25)
Outer pipe diameter cold tap water	33.7 Millimetre
Hot tap water connection	Other
Hot tap water thread size	1 1/4 inch
Nominal diameter hot tap water	1 1/4 inch (32)
Outer pipe diameter hot tap water	42.4 Millimetre
Circulation pipe connection	Other
Nominal diameter circulation pipe	1 1/2 inch (40)
Outer pipe diameter circulation pipe	48.3 Millimetre
Connection, drainage connection	Other
Nominal diameter drain connection	1 1/2 inch (40)
Outer pipe diameter drainage connection	48.3 Millimetre
Primary connection	Other
Nominal diameter primary connection	1 1/2 inch (40)
Energy efficiency class	C

Find more information online:[Installation and operating instruction](#)[PZH certificate](#)[Duo FWS ADSK](#)[Duo FWS DWG](#)[Duo FWS IPT](#)[Duo FWS STEP](#)[Selection Guide](#)[ErP label FWS](#)[Packaging data](#)

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