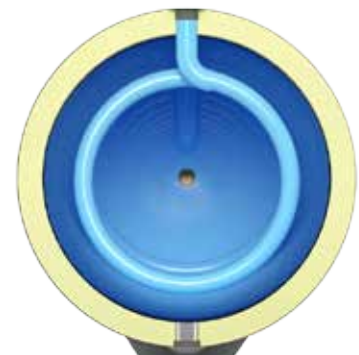




Outer Appearance



Side Section View



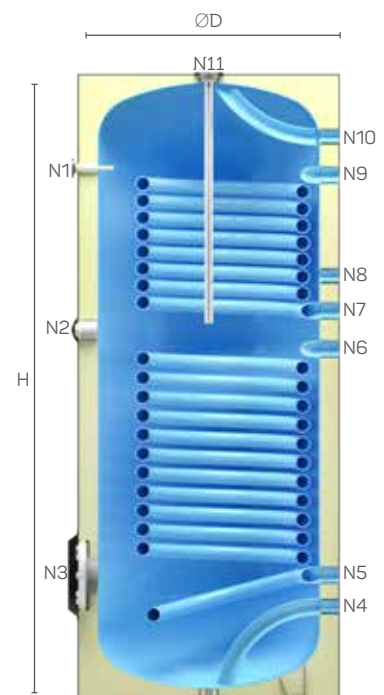
Top Section View

<b>Volume</b>	: 160L – 3000L
<b>Capacity Range</b>	: 4.2 kW – 172.5 kW (Boiler Side)
<b>Maximum Operating Temperature</b>	: 95 °C
<b>Body Operating Pressure</b>	: 10 Bar
<b>Inner Surface Coating</b>	: Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard

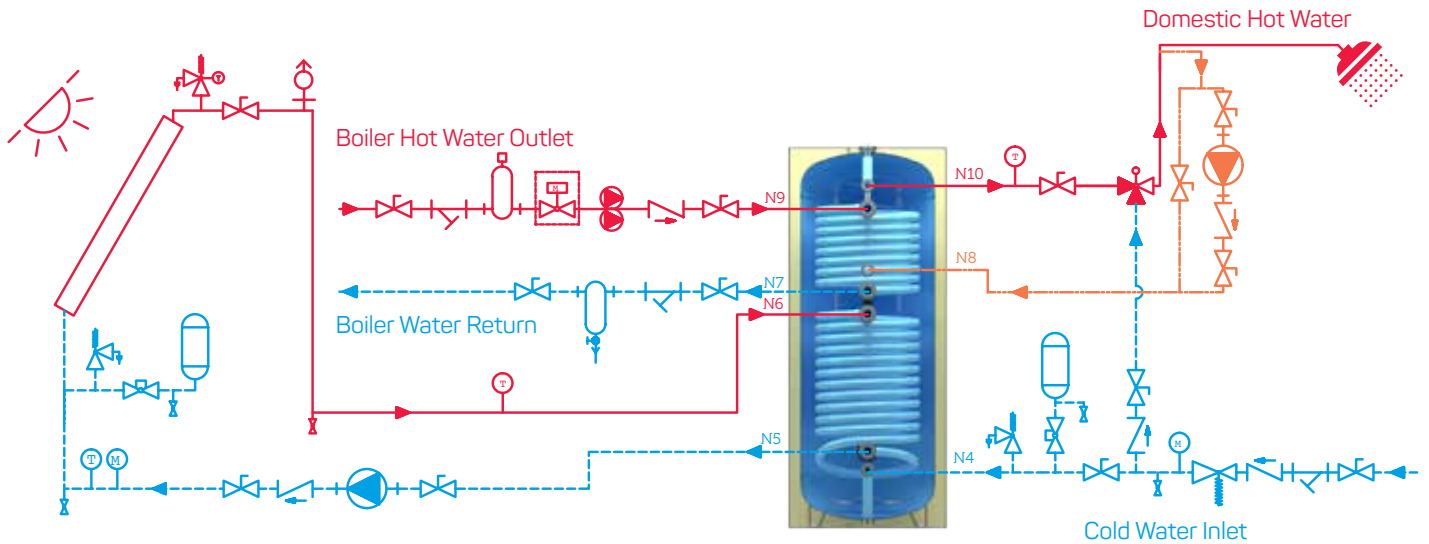
<b>Insulation</b>	: In accordance with EN 15332 Energy Efficiency Standard
160L – 500L	: 42 kg/m <sup>3</sup> water based hard PU (HCFC-Free) foam
800L – 1000L	: 42 kg/m <sup>3</sup> water based hard PU (HCFC-Free) foam (Optional)
800L – 3000L	: 18 kg/m <sup>3</sup> soft PU
800L – 3000L	: 26 kg/m <sup>3</sup> flame retardant soft PU (Optional)

<b>External Cover Coating</b>	
160L – 500L	: Electrostatic Powder Painted Steel / Artificial Leather / IXPE / ABS
800L – 3000L	: Artificial Leather / IXPE / ABS

<b>Thermometer</b>	: 0°C – 120°C
<b>Inspection and Cleaning Flange</b>	: Inspection and cleaning flange is available in all series
<b>Electric Heater</b>	: Electric heater can be installed (Optional)
<b>Cathodic Protection Element</b>	: Magnesium anode in accordance with DIN 4753-3 standard (Electronic anode option)



## Installation Diagram



Installation diagram given above is just a template. Installation must be done according to update standards and directives.

DESCRIPTION	Code	Unit	KBD 160	KBD 200	KBD 300	KBD 400	KBD 500	KBD 800	KBD 1000	KBD 1500	KBD 2000	KBD 2500	KBD 3000
Volume	V	L	160	190	282	380	500	785	1000	1500	2000	2500	3000
Body Diameter	ØD	mm	590	590	700	750	750	900	1000	1120	1260	1460	1460
Total Height	H	mm	1125	1320	1210	1450	1800	2100	2070	2300	2230	2200	2560
Electric Heater	N2	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"	2"	2"
Cleaning Flange	N3	inch	4"	4"	4"	4"	4"	5"	5"	5"	5"	5"	5"
Domestic Hot Water Outlet	N4-N10	inch	3/4"	3/4"	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
Recirculation Diameters	N8	inch	3/4"	3/4"	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
Upper Serpentine Diameter	N7-N9	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
Lower Serpentine Diameter	N6-N5	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
Insulation Type & Thickness	t	mm	PU/50	PU/50	PU/50	PU/50	PU/50	SP/80	SP/80	SP/80	SP/80	SP/80	SP/80
Gross Weight	G	kg	95	112	132	170	223	290	318	417	640	812	925
Tipping Height	-	mm	1290	1465	1420	1650	1970	2300	2320	2580	2580	2660	3020
Energy Heat Loss	-	kWh/d	1,37	1,44	2,07	2,19	2,69	3,84	4,64	4,24	-	-	-
Magnesium Anode Connections	N11	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Thermometer and Sensor Connections	N1	inch	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"

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