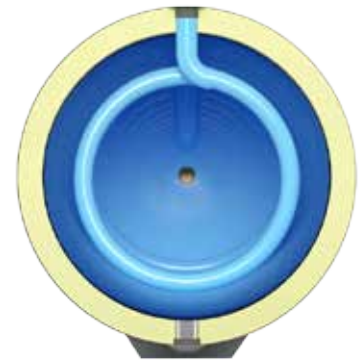




Outer Appearance



Side Section View



Top Section View

Volume	: 100L – 3000L
Capacity	: 5 kW – 237 kW
Maximum Operating Temperature	: 95 °C
Body Operating Pressure	: 10 Bar
Inner Surface Coating	: Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard

Insulation	: In accordance with EN 15332 Energy Efficiency Standard
100L – 500L	: 42 kg/m ³ water based hard PU (HCFC-Free) foam
800L – 1000L	: 42 kg/m ³ water based hard PU (HCFC-Free) foam (Optional)
800L – 3000L	: 18 kg/m ³ soft PU
800L – 3000L	: 26 kg/m ³ flame retardant soft PU (Optional)

External Cover Coating

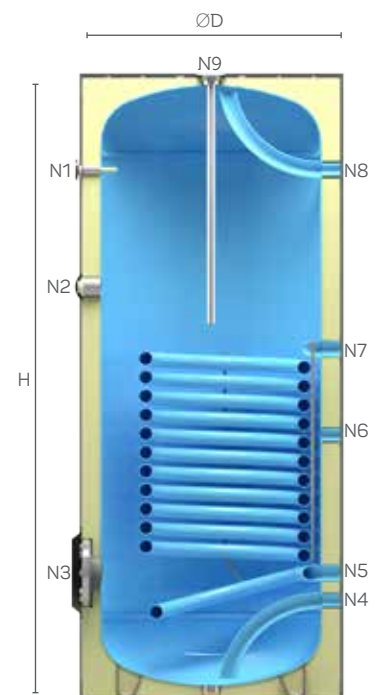
100L – 500L	: Electrostatic Powder Painted Steel / Artificial Leather / IXPE / ABS
800L – 3000L	: Artificial Leather / IXPE / ABS

Thermometer : 0°C – 120°C

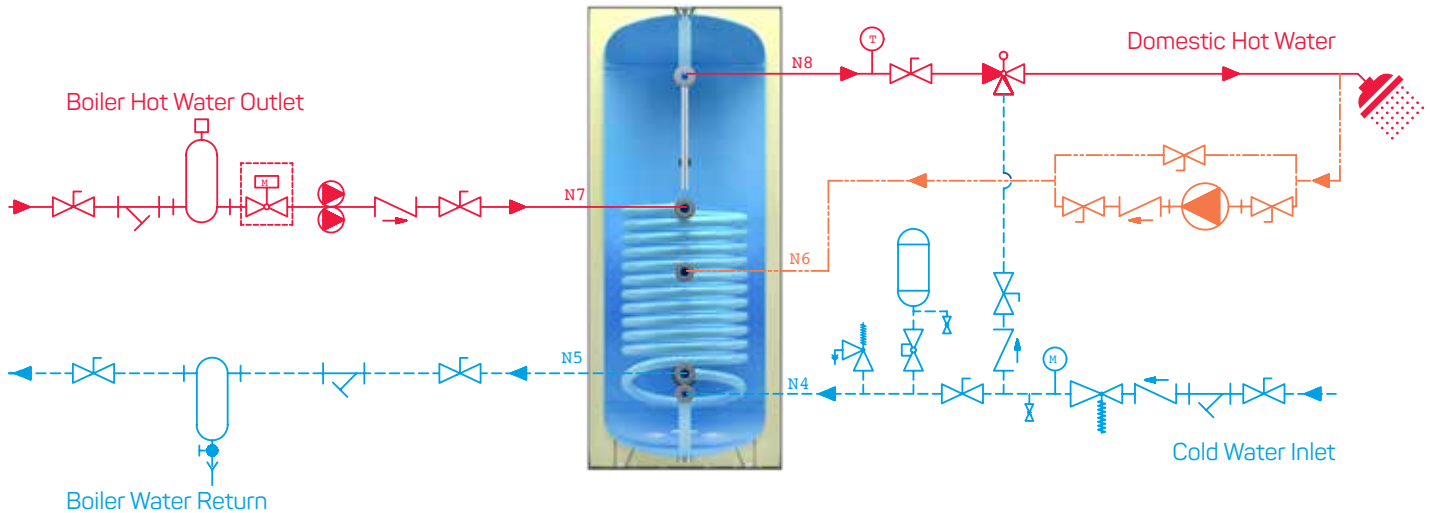
Inspection and Cleaning Flange : Inspection and cleaning flange is available in all series

Electric Heater : Electric heater can be installed (Optional)

Cathodic Protection Element : 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	KBS 100	KBS 160	KBS 200	KBS 300	KBS 400	KBS 500	KBS 800	KBS 1000	KBS 1500	KBS 2000	KBS 2500	KBS 3000
Volume	V	L	100	160	200	300	390	500	800	1000	1500	2000	2500	3000
Body Diameter	ØD	mm	490	590	590	700	750	750	900	1000	1120	1260	1460	1460
Total Height	H	mm	1080	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"	1 1/2"	2"	2"	2"	2"	2"	2"
Cleaning Flange	N3	inch	4"	4"	4"	4"	4"	4"	5"	5"	5"	5"	5"	5"
Domestic Cold Water Inlet	N4	inch	3/4"	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"
Domestic Hot Water Outlet	N8	inch	3/4"	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	N6	inch	3/4"	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"
Serpentine Diameter	N5-N7	inch	1"	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	PU/50	SP/80	SP/80	SP/80	SP/80	SP/80	SP/80
Energy Heat Loss	-	kWh/d	1,28	1,51	1,78	2,03	2,26	2,77	3,94	4,62	-	-	-	-
Gross Weight	G	kg	69	91	109	123	156	194	261	283	380	594	717	840
Tipping Height	-	mm	1205	1290	1465	1420	1650	1970	2305	2320	2580	2580	2660	3020
Magnesium Anode Connections	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 1/4"	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"	1/2"

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