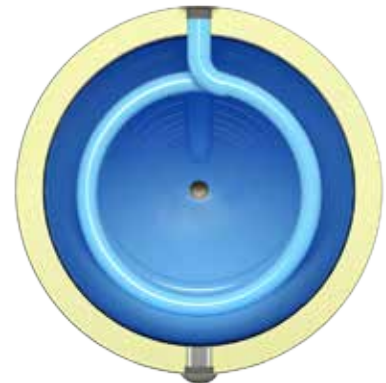




Outer Appearance

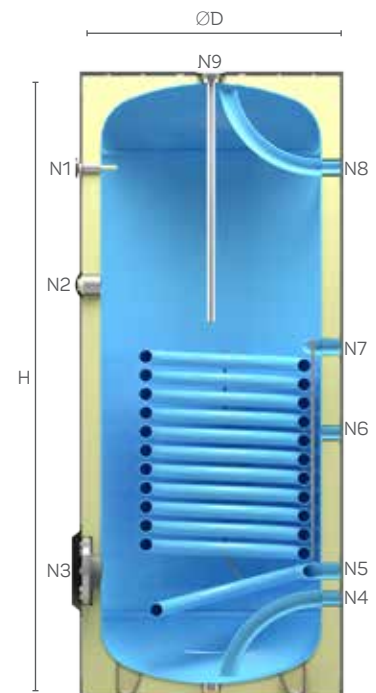


Side Section View

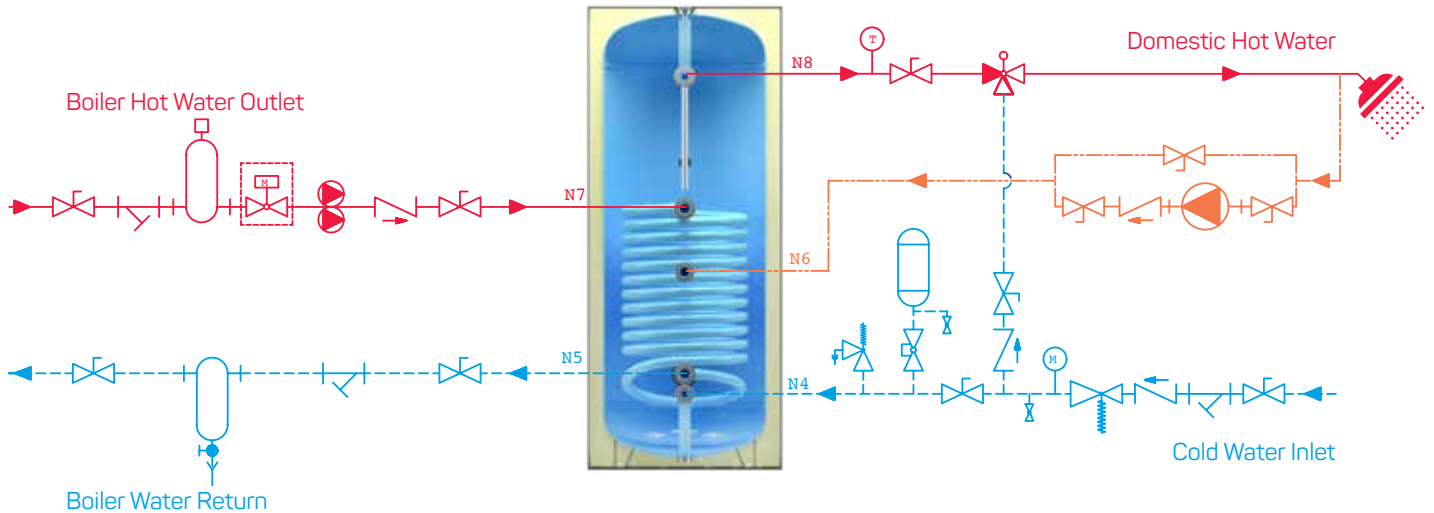


Top Section View

<b>Volume</b>	: 100L – 500L
<b>Capacity</b>	: 5 kW – 65 kW
<b>Maximum Operating Temperature</b>	: 95 °C
<b>Body Operating Pressure</b>	: 6 Bar / 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
<i>100L – 500L</i>	: 42 kg/m <sup>3</sup> water based hard PU (HCFC-Free) foam
<b>External Cover Coating</b>	
<i>100L – 500L</i>	: IXPE
<b>Thermometer</b>	: 0°C - 120°C
<b>Inspection and Cleaning Flange</b>	: Available in 400L - 500L
<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.

### KBS-B BASIC 6 BAR

DESCRIPTION	Code	Unit	KBS-B 100	KBS-B 160	KBS-B 200	KBS-B 300	KBS-B 400	KBS-B 500
Volume	V	L	100	160	200	300	390	500
Body Diameter	ØD	mm	490	590	590	700	750	750
Total Height	H	mm	1080	1125	1320	1210	1450	1800
Electric Heater	N2	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Cleaning Flange	N3	inch	-	-	-	-	4"	4"
Domestic Cold Water Inlet	N4	inch	3/4"	3/4"	3/4"	1"	1"	1"
Domestic Hot Water Outlet	N8	inch	3/4"	3/4"	3/4"	1"	1"	1"
Recirculation Diameters	N6	inch	3/4"	3/4"	3/4"	1"	1"	1"
Serpentine Diameter	N5-N7	inch	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Insulation Type & Thickness	t	mm	PU/50	PU/50	PU/50	PU/50	PU/50	PU/50
Energy Heat Loss	-	kWh/d	1,28	1,51	1,78	2,03	2,26	2,77
Gross Weight	G	kg	65	78	90	107	138	160
Tipping Height	-	mm	1205	1290	1465	1420	1650	1970
Magnesium Anode Connections	N9	inch	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"

### KBS-B BASIC 10 BAR

DESCRIPTION	Code	Unit	KBS-B 100	KBS-B 160	KBS-B 200	KBS-B 300	KBS-B 400	KBS-B 500
Volume	V	L	100	160	200	300	390	500
Body Diameter	ØD	mm	490	590	590	700	750	750
Total Height	H	mm	1080	1125	1320	1210	1450	1800
Electric Heater	N2	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Cleaning Flange	N3	inch	-	-	-	-	4"	4"
Domestic Cold Water Inlet	N4	inch	3/4"	3/4"	3/4"	1"	1"	1"
Domestic Hot Water Outlet	N8	inch	3/4"	3/4"	3/4"	1"	1"	1"
Recirculation Diameters	N6	inch	3/4"	3/4"	3/4"	1"	1"	1"
Serpentine Diameter	N5-N7	inch	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Insulation Type & Thickness	t	mm	PU/50	PU/50	PU/50	PU/50	PU/50	PU/50
Energy Heat Loss	-	kWh/d	1,28	1,51	1,78	2,03	2,26	2,77
Gross Weight	G	kg	68	82	96	113	154	181
Tipping Height	-	mm	1205	1290	1465	1420	1650	1970
Magnesium Anode Connections	N9	inch	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"