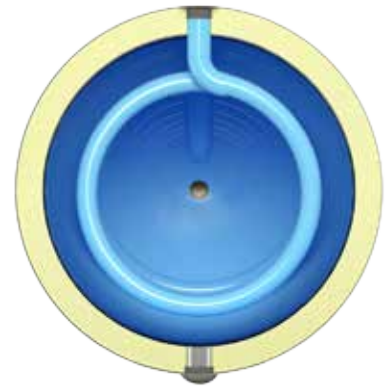




Outer Appearance

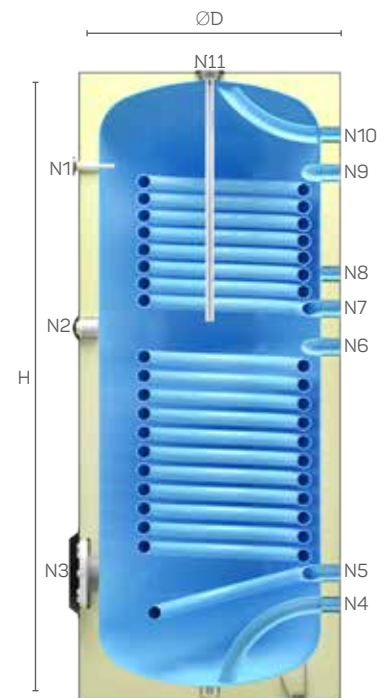


Side Section View

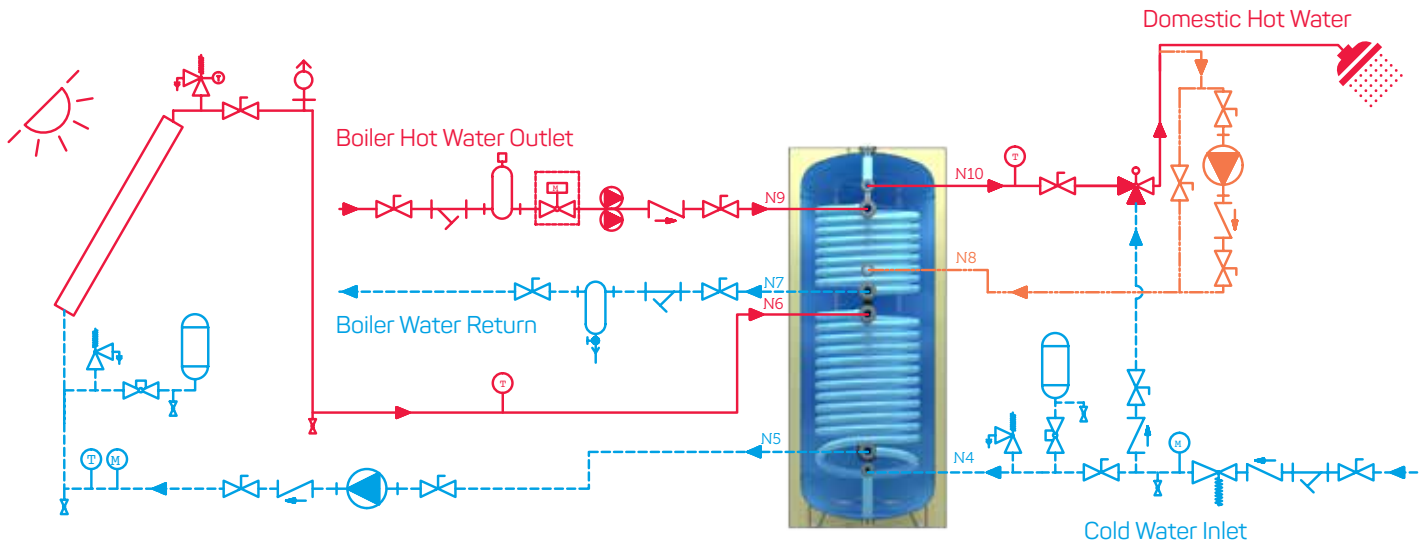


Top Section View

<b>Volume</b>	: 160L – 500L
<b>Capacity Range</b>	: 4 kW – 40 kW (Boiler Side)
<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
160L – 500L	: 42 kg/m <sup>3</sup> water based hard PU (HCFC-Free) foam
<b>External Cover Coating</b>	
160L – 500L	: 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.

### KBD-B BASIC 6 BAR

DESCRIPTION	Code	Unit	KBD-B 160	KBD-B 200	KBD-B 300	KBD-B 400	KBD-B 500
Volume	V	L	160	190	282	380	500
Body Diameter	ØD	mm	590	590	700	750	750
Total Height	H	mm	1125	1320	1210	1450	1800
Electric Heater	N2	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Cleaning Flange	N3	inch	-	-	-	4"	4"
Domestic Hot Water Outlet	N4-N10	inch	3/4"	3/4"	1"	1"	1"
Recirculation Diameters	N8	inch	3/4"	3/4"	1"	1"	1"
Upper Serpentine Daimeter	N7-N9	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Lower Serpentine Daimeter	N6-N5	inch	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
Energy Heat Loss	-	kWh/d	1,37	1,44	2,07	2,19	2,69
Gross Weight	G	kg	82	104	114	153	175
Tipping Height	-	mm	1290	1465	1420	1650	1970
Magnesium Anode Connections	N11	inch	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"

### KBD-B BASIC 10 BAR

Code	Unit	KBD-B 160	KBD-B 200	KBD-B 300	KBD-B 400	KBD-B 500
V	L	160	190	282	380	500
ØD	mm	590	590	700	750	750
H	mm	1125	1320	1210	1450	1800
N2	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
N3	inch	-	-	-	4"	4"
N4	inch	3/4"	3/4"	1"	1"	1"
N8	inch	3/4"	3/4"	1"	1"	1"
N6	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
N5-N7	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
t	mm	PU/50	PU/50	PU/50	PU/50	PU/50
-	kWh/d	1,37	1,44	2,07	2,19	2,69
G	kg	87	110	120	170	197
-	mm	1290	1465	1420	1650	1970
N9	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
N1	inch	1/2"	1/2"	1/2"	1/2"	1/2"