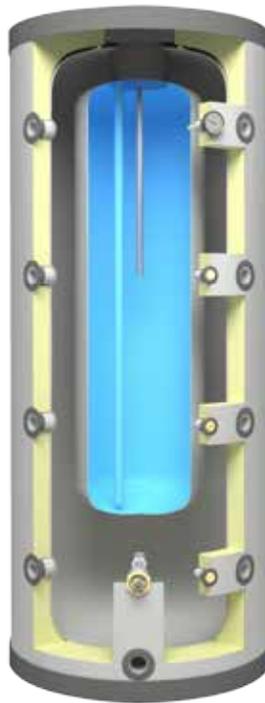
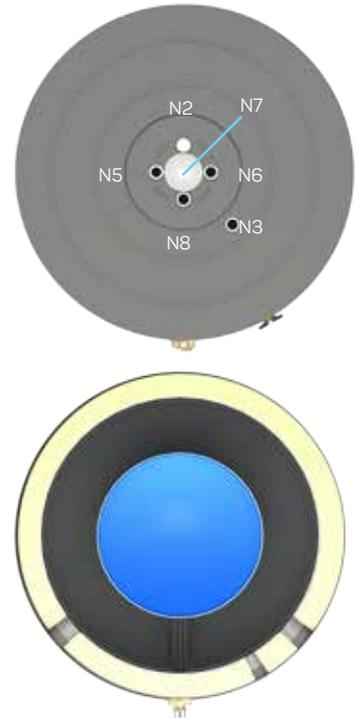




Outer Appearance



Side Section View



Top Section View

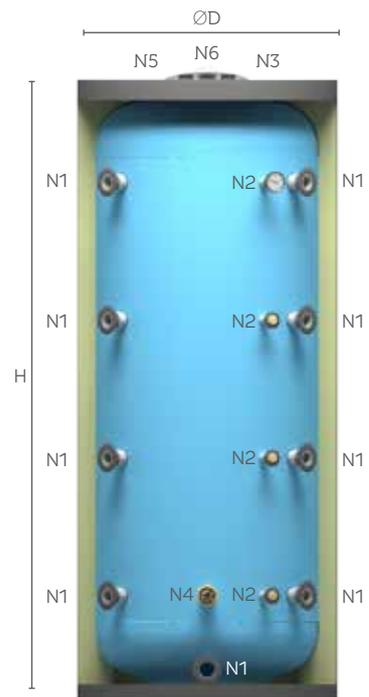
**Volume** : 500L/100L – 2000L/350L  
**Maximum Operating Temperature** : 95 °C  
**Operating Pressure** : Inner Tank: 3 Bar / Body: 6 Bar  
**Inner Surface Coating** : Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard

**Insulation** : Insulation is in accordance with EN 15332 Energy Efficiency Standard  
 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 – 2000L : 18 kg/m<sup>3</sup> soft PU  
 800L – 2000L : 26 kg/m<sup>3</sup> flame retardant soft PU (Optional)

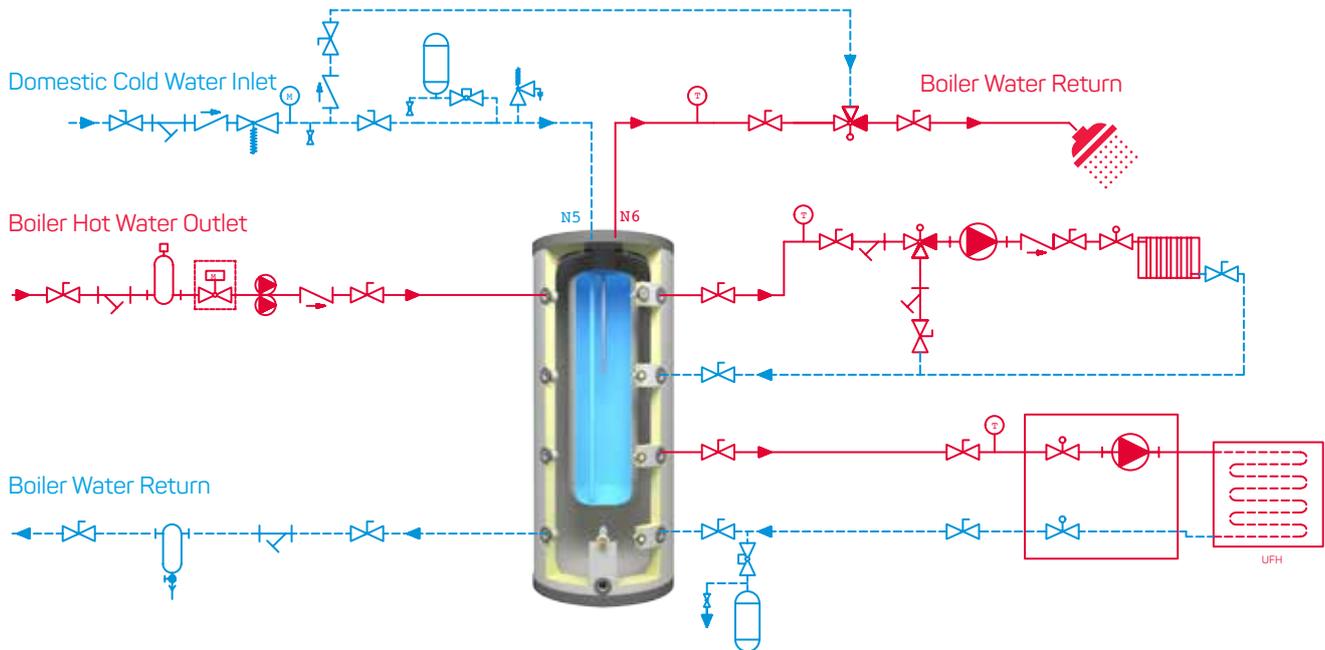
**External Cover Coating**  
 500L : Electrostatic Powder Painted Steel / Artificial Leather / IXPE / ABS  
 800L – 2000L : Artificial Leather / IXPE / ABS

**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	KCB 500/100	KCB 500/160	KCB 800/160	KCB 1000/160	KCB 1000/200	KCB 1500/200	KCB 1500/350	KCB 2000/200	KCB 2000/350
Volume	V	L	500	500	800	1000	1000	1500	1500	2000	2000
Body Diameter	ØD	mm	750	750	900	1000	1000	1120	1120	1260	1260
Inner Tank Volume	V	L	100	160	160	160	200	200	350	200	350
Total Height	H	mm	1850	1850	2140	2110	2110	2340	2340	2270	2270
Cold Water Inlet	N5	inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1"	1"	1"
Hot Water Outlet	N6	inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1"	1"	1"
Domestic Hot Water Outlet	N1	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Energy Heat Loss	-	kWh/d	2,63	2,63	3,62	4,24	4,24	-	-	-	-
Insulation Type & Thickness	t	mm	PU/50	PU/50	SP/80	SP/80	SP/80	SP/80	SP/80	SP/80	SP/80
Gross Weight	G	kg	246	261	386	392	407	570	590	645	665
Tipping Height	-	mm	2015	2015	2340	2355	2355	2615	2615	2615	2615
Thermometer and Sensor Connections	N2	inch	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Outer Tank Air Release Valve Connection	N3	inch	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Electric Heater	N4	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Magnesium Anode Connections	N7	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"
Inner Tank Air Release Valve Connection	N8	inch	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"