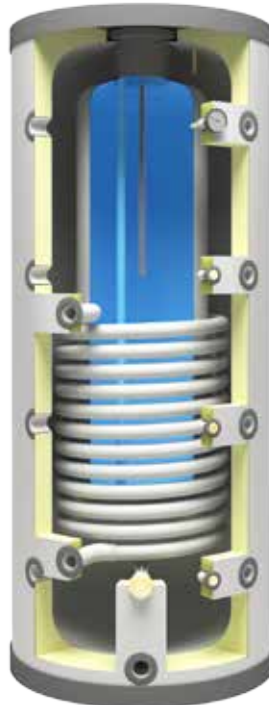
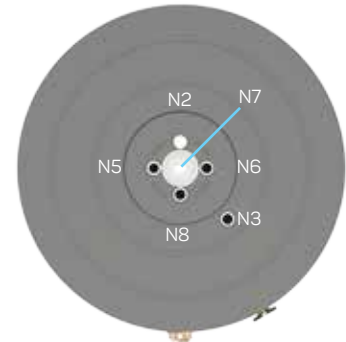




Outer Appearance



Side Section View



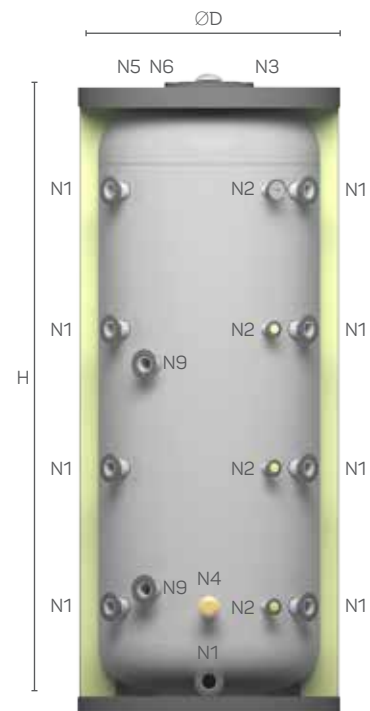
Top Section View

Volume	: 500L/100L – 2000L/350L
Capacity Range	: 49.4 kW – 93.3 kW
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

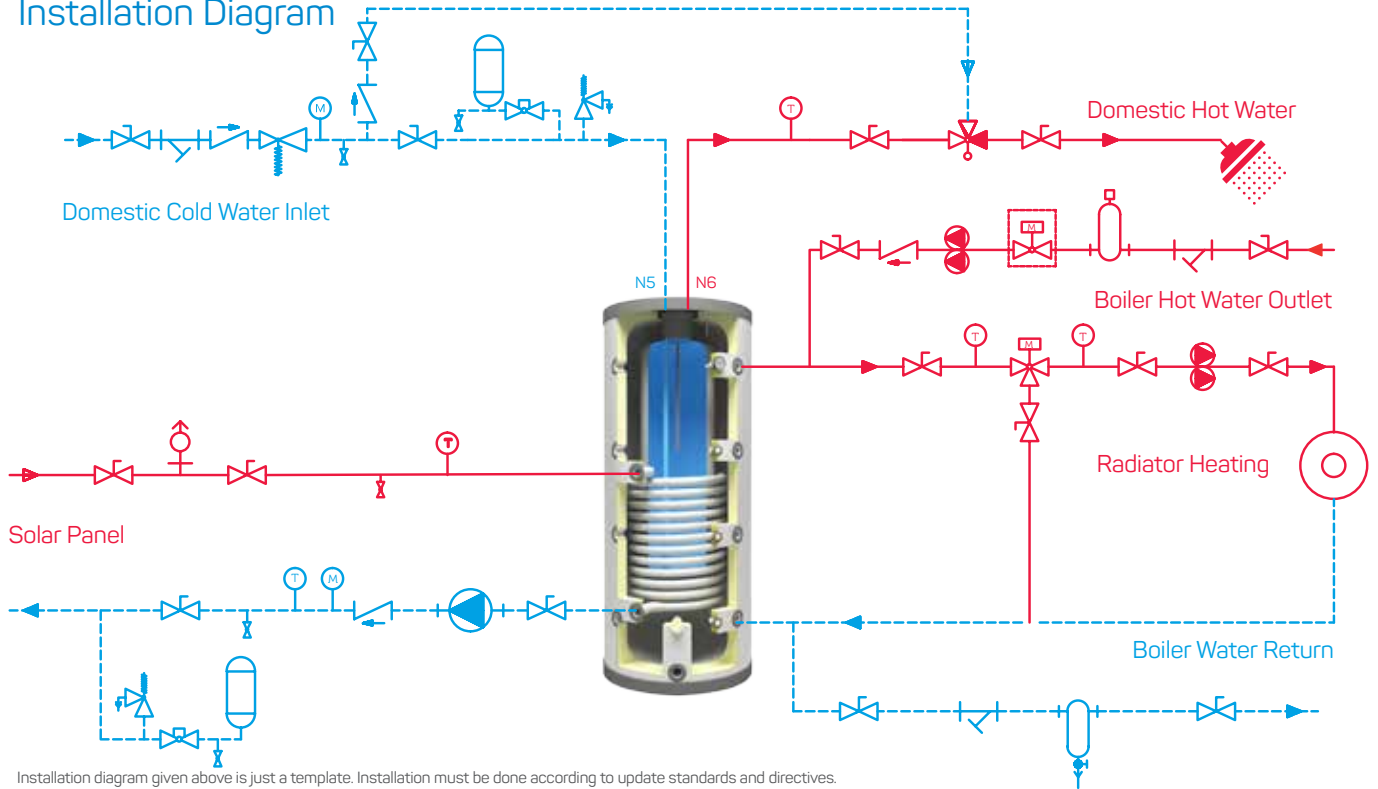
Insulation	: Insulation is in accordance with EN 15332 Energy Efficiency Standard
500L	: 42 kg/m ³ water based hard PU (HCFC-Free) foam
800L – 1000L	: 42 kg/m ³ water based hard PU (HCFC-Free) foam (Optional)
800L – 2000L	: 18 kg/m ³ soft PU
800L – 2000L	: 26 kg/m ³ flame retardant soft PU (Optional)

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-S 500/100	KCB-S 500/160	KCB-S 800/160	KCB-S 1000/160	KCB-S 1000/200	KCB-S 1500/200	KCB-S 1500/350	KCB-S 2000/200	KCB-S 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"
Insulation Type & Thickness	t	mm	PU/50	PU/50	SP/80	SP/80	SP/80	SP/80	SP/80	SP/80	SP/80
Energy Heat Loss	-	kWh/d	2,63	2,63	3,62	4,24	4,24	-	-	-	-
Gross Weight	G	kg	280	296	425	433	448	618	638	767	787
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"
Serpentine Diameter	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"