



Outer Appearance

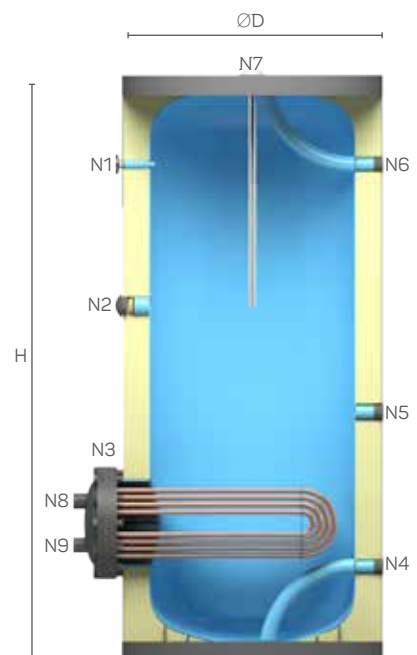


Side Section View

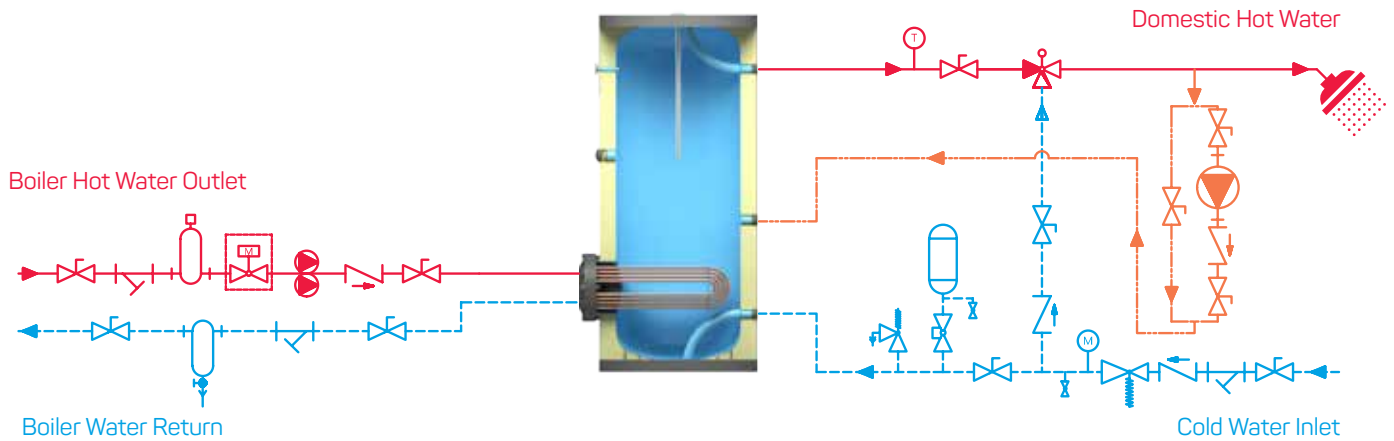


Top Section View

Volume	: 160L – 5000L
Capacity Range	: 21.5 kW – 515.1 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	: Insulation is in accordance with EN 15332 Energy Efficiency Standard
160L – 5000L	: 18 kg/m ³ soft PU
160L – 5000L	: 26 kg/m ³ flame retardant soft PU (Optional)
External Cover Coating	
160L – 5000L	: 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	: Electronic anode in accordance with DIN 4753-3 standard



Installation Diagram



Installation diagram given above is just a template. Installation must be done according to update standards and directives.

DESCRIPTION	Code	Unit	KCS 160	KCS 200	KCS 300	KCS 500	KCS 800	KCS 1000	KCS 1500	KCS 2000	KCS 2500	KCS 3000	KCS 4000	KCS 5000
Volume	V	L	160	200	300	500	800	1000	1500	2000	2500	3000	4000	5000
Body Diameter	ØD	mm	590	590	700	750	900	1000	1120	1260	1460	1460	1660	1660
Total Height	H	mm	1150	1350	1240	1830	2100	2070	2300	2230	2200	2560	2580	3100
Electric Heater	N2	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"	2"	2"	2"	2"
Serpentine Flange	N3	mm	250	250	250	300	300	300	300	300	500	500	500	500
Domestic Cold Water Inlet	N4	inch	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2"
Domestic Hot Water Outlet	N6	inch	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2"
Recirculation Diameters	N5	inch	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2"
Serpentine Diameter	N8-N9	inch	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"	3"	3"	3"
Energy Heat Loss	-	kWh/d	1,51	1,78	2,03	2,26	2,77	3,94	4,62	-	-	-	-	-
Gross Weight	G	kg	130	150	176	248	343	365	506	577	662	748	965	1085
Tipping Height	-	mm	1315	1495	1445	2000	2300	2320	2580	2580	2660	2970	3090	3555
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"
Insulation Type & Thickness	t	mm	SP/50	SP/50	SP/50	SP/50	SP/80	SP/80	SP/80	SP/80	SP/80	SP/80	SP/80	SP/80
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"	1 1/4"	1 1/4"	1 1/4"