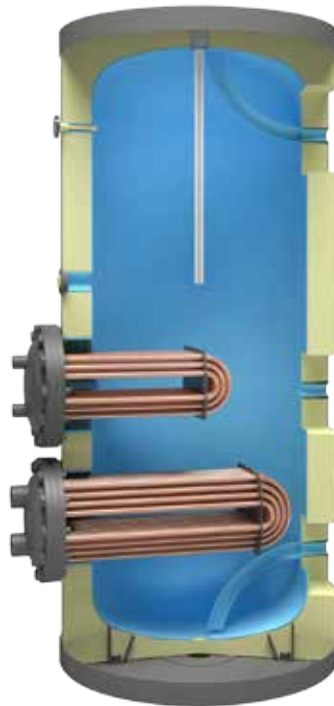




Outer Appearance



Side Section View



Top Section View

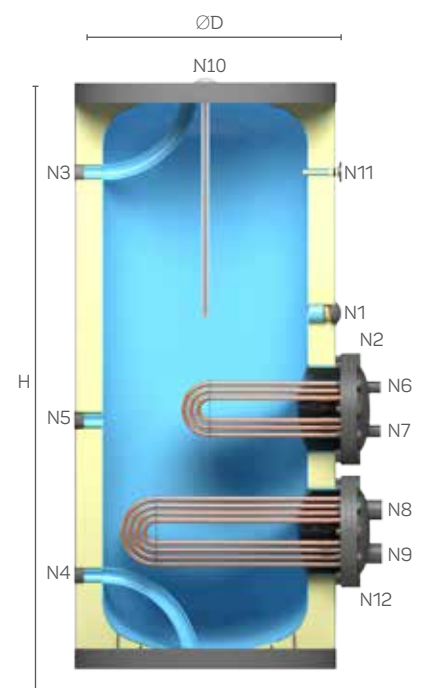
Volume	: 160L – 5000L
Capacity Range	: 12.9 kW – 186.8 kW
Maximum Operating Temperature	: 95 °C
Body Operating Pressure	: 10 Bar
Inner Surface Coating	: Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard

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)

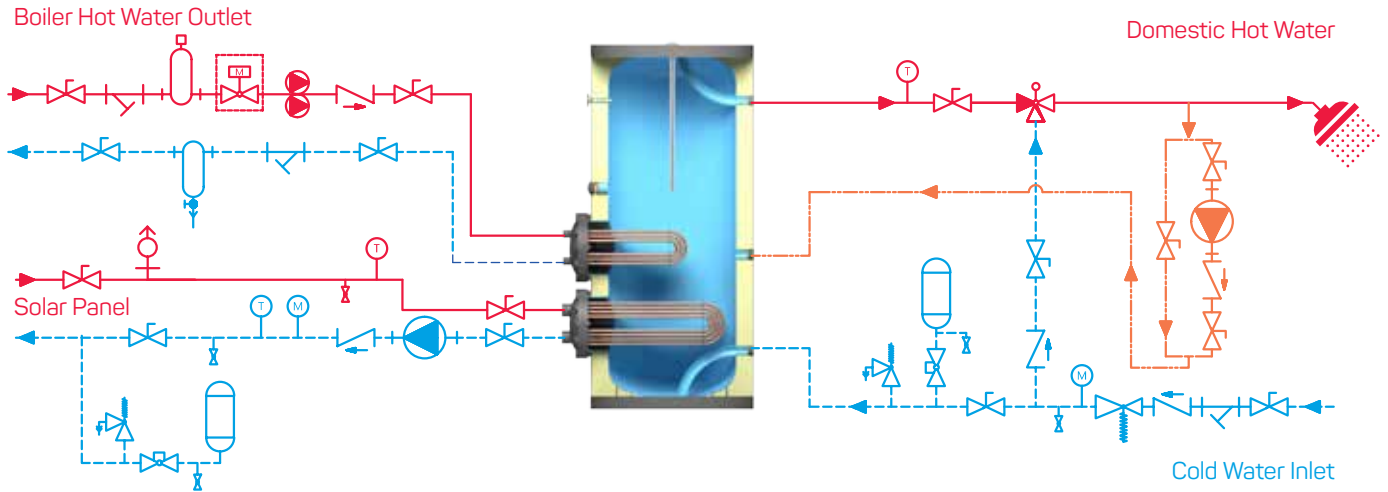
External Cover Coating	
160L – 5000L	: Artificial Leather / IXPE / ABS

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	KCD 160	KCD 200	KCD 300	KCD 500	KCD 800	KCD 1000	KCD 1500	KCD 2000	KCD 2500	KCD 3000	KCD 4000	KCD 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	N1	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"	2"	2"	2"	2"
Serpentine Flange	ØN2-N12	mm	250/200	250/200	250/200	300/250	300/250	400/300	400/300	400/400	500	400/500	400/500	400/500
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	N3	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"
Upper Serpentine Daimeter	N6-N7	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"
Lower 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	1,37	1,44	2,07	2,19	2,69	3,84	4,64	-	-	-	-	-
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
Gross Weight	G	kg	176	195	214	310	408	432	585	665	733	848	1075	1200
Tipping Height		mm	1315	1495	1445	2000	2300	2320	2580	2580	2660	2970	3090	3555
Thermometer and Sensor Connections	N11	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"
Magnesium Anode Connections	N10	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"

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