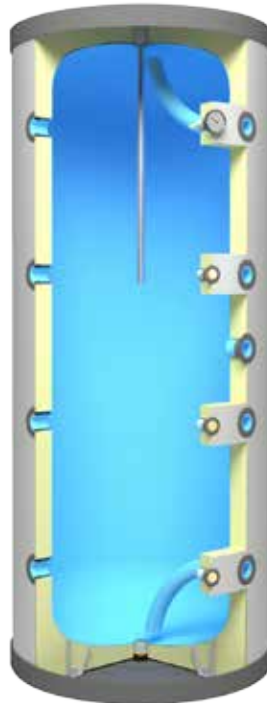
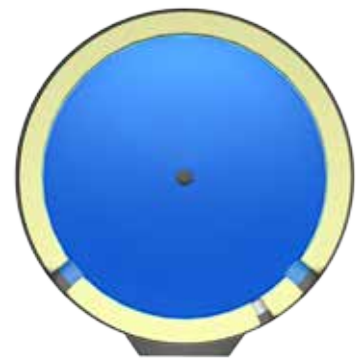




Outer Appearance



Side Section View



Top Section View

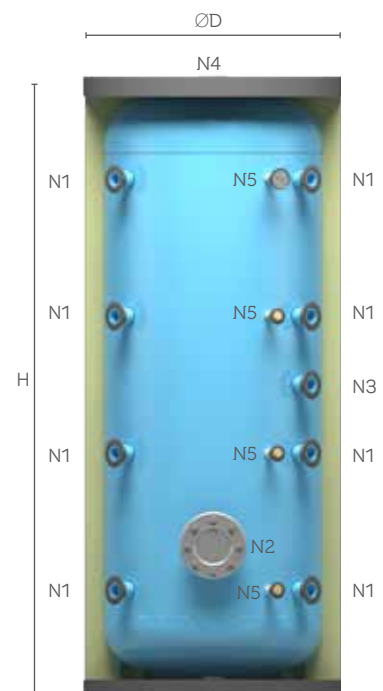
Volume	: 100L – 5000L
Maximum Operating Temperature	: 95 °C
Body Operating Pressure	: 10 Bar
Inner Surface Coating	: Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard

Insulation	: Insulation is in accordance with EN 15332 Energy Efficiency Standard
100L – 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 – 5000L	: 18 kg/m ³ soft PU
800L – 5000L	: 26 kg/m ³ flame retardant soft PU (Optional)

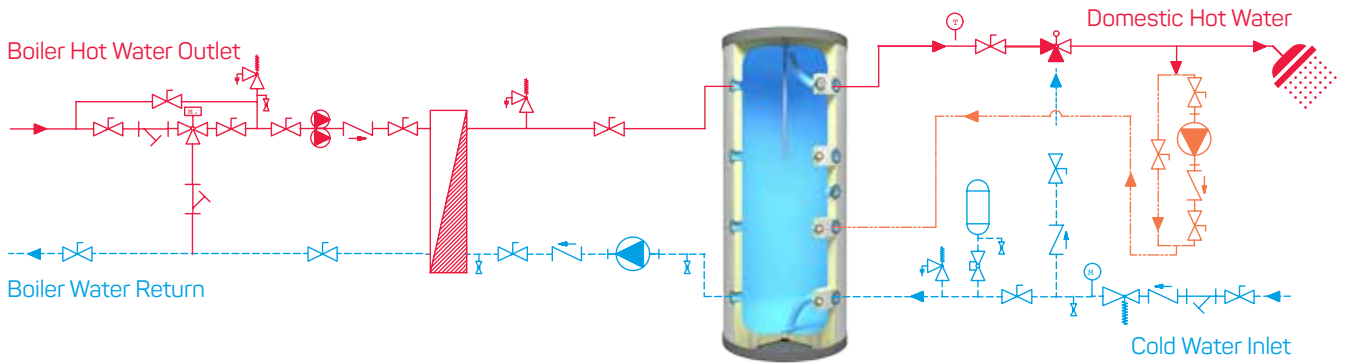
External Cover Coating	
100L – 500L	: Electrostatic Powder Painted Steel / Artificial Leather / IXPE / ABS
800L – 5000L	: Artificial Leather / IXPE / ABS

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	: 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	KAT 100	KAT 160	KAT 200	KAT 300	KAT 400	KAT 500	KAT 800	KAT 1000	KAT 1500	KAT 2000	KAT 2500	KAT 3000	KAT 4000	KAT 5000
Volume	V	L	100	170	200	285	400	516	800	1000	1500	2000	2500	3000	4000	5000
Body Diameter	ØD	mm	490	590	590	700	750	750	900	1000	1120	1260	1460	1460	1660	1660
Total Height	H	mm	1080	1125	1320	1210	1450	1800	2100	2070	2300	2230	2200	2560	2665	3100
Domestic Hot Water Outlet	N1	inch	1"	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"	2"	2"	3"	3"
Cleaning Flange	N2	inch	4"	4"	4"	4"	4"	4"	5"	5"	5"	5"	5"	5"	5"	5"
Electric Heater	N3	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"	2"	2"	2"	2"
Insulation Type & Thickness	t	mm	PU/50	PU/50	PU/50	PU/50	PU/50	PU/50	SP/80	SP/80	SP/80	SP/80	SP/80	SP/80	SP/80	SP/80
Gross Weight	G	kg	57	74	81	99	132	155	225	237	332	472	562	622	762	882
Energy Heat Loss	-	kWh/d	1,38	1,59	1,7	1,99	2,34	2,63	3,61	4,24	-	-	-	-	-	-
Tipping Height	-	mm	1205	1290	1465	1420	1650	1970	2300	2320	2580	2580	2660	3020	3160	3535
Thermometer and Sensor Connections	N5	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"	1/2"	1/2"
Magnesium Anode Connections	N4	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"	1 1/4"	1 1/4"