



Outer Appearance



Side Section View



Top Section View

Volume : 160L – 2000L (Please contact us for different capacities and pressure)

Maximum Operating Temperature : 95 °C

Body Operating Pressure : 6 Bar

Inner Surface Coating : Buffer tanks are made of high quality S235JR (EN 10025) corrosion resistance steel

Insulation : Insulation is in accordance with EN 15332 Energy Efficiency Standard

160L – 500L : 42 kg/m³ water based hard PU (HCFC-Free) foam

800L – 1000L : 42 kg/m³ water based hard PU (HCFC-Free) foam (Optional)

800L – 2000L : 18 kg/m³ soft PU

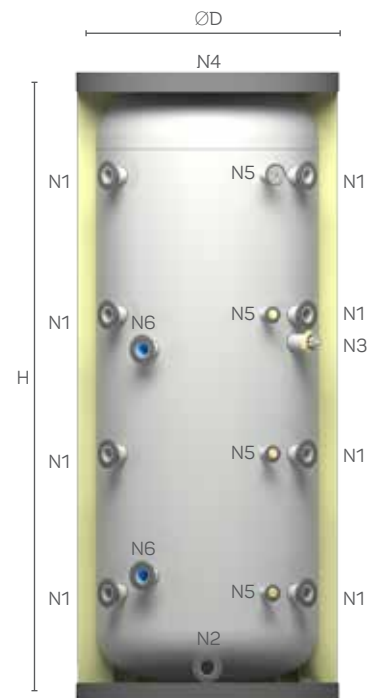
800L – 2000L : 26 kg/m³ flame retardant soft PU (Optional)

External Cover Coating

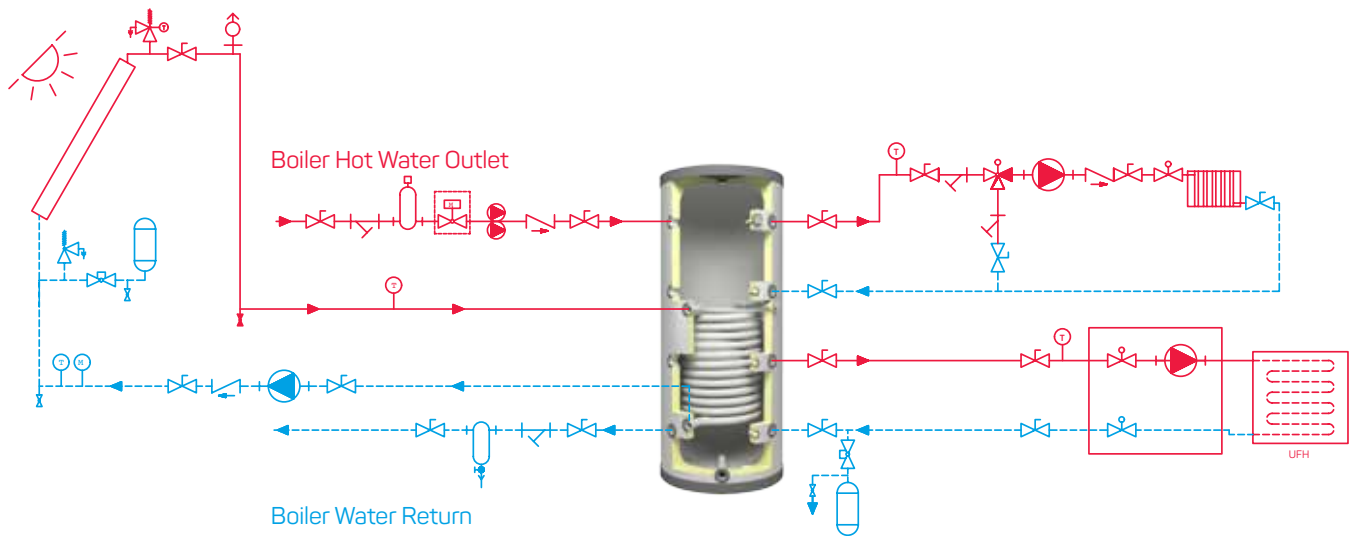
160L – 500L : Electrostatic Powder Painted Steel / Artificial Leather / IXPE / ABS

800L – 2000L : Artificial Leather / IXPE / ABS

Electric Heater : Electric heater can be installed (Optional)



Installation Diagram



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

DESCRIPTION	Code	Unit	KBT-S 160	KBT-S 200	KBT-S 300	KBT-S 400	KBT-S 500	KBT-S 800	KBT-S 1000	KBT-S 1500	KBT-S 2000
Volume	V	L	160	200	300	400	500	800	1000	1500	2000
Body Diameter	ØD	mm	590	590	700	750	750	900	1000	1120	1260
Total Height	H	mm	1125	1320	1210	1450	1800	2100	2070	2300	2230
Domestic Water Outlet	N1	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"
Drain	N2	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"
Electric Heater	N3	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"
Serpentine Diameter	N6	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"
Insulation Type & Thickness	t	mm	PU/50	PU/50	PU/50	PU/50	PU/50	SP/80	SP/80	SP/80	SP/80
Energy Heat Loss	-	kWh/d	1,51	1,78	2,03	2,26	2,77	3,94	4,62	-	-
Gross Weight	G	kg	91	109	123	156	194	261	283	380	594
Tipping Height	-	mm	1290	1465	1420	1650	1970	2300	2320	2580	2580
Thermometer and Sensor Connections	N5	inch	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Air Release Valve Connection	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"