

KBT-CB COOLING BUFFER TANK



Outer Appearance

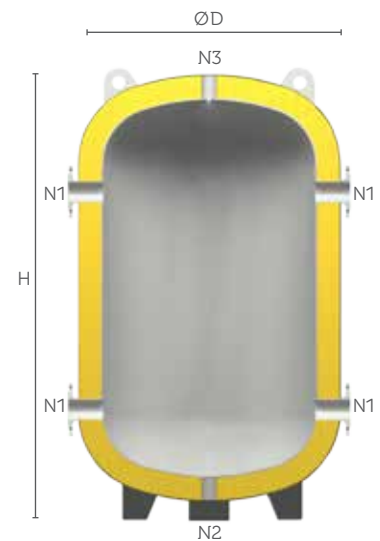


Side Section View

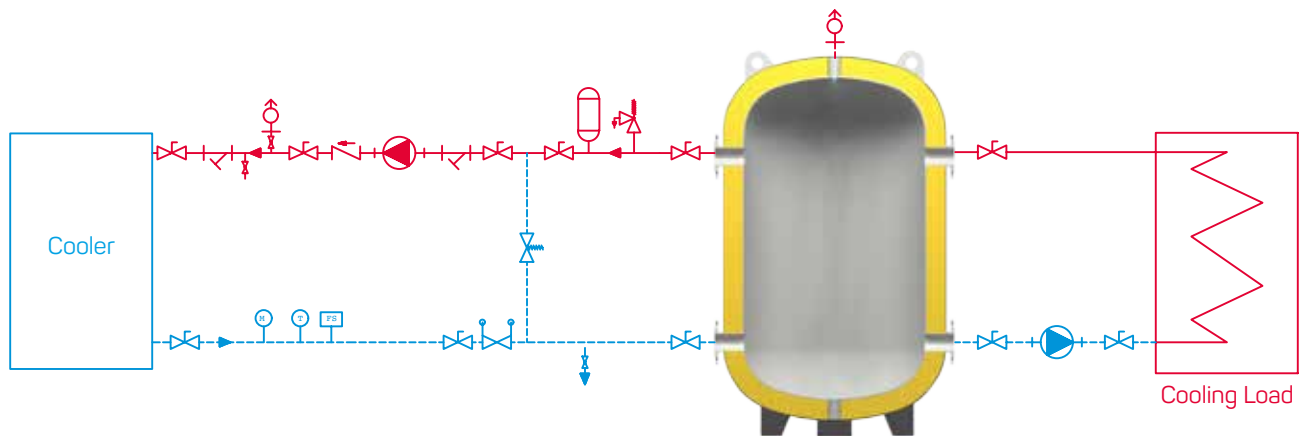
Volume	: 100L – 5000L (Please contact us for different capacities and pressure)
Maximum Operating Temperature	: 95 °C
Body Operating Pressure	: 6 Bar
Connection Flange / Pressure Class	: DN 50 – DN 300 / PN16
Inner Surface Coating	: Buffer tanks are made of high quality S235JR (EN 10025) corrosion resistance steel

Insulation	: Insulation is in accordance with EN 15332 Energy Efficiency Standard
<i>100L – 500L</i>	: 42 kg/m ³ water based hard PU (HCFC-Free) foam
<i>800L – 5000L</i>	: 18 kg/m ³ soft PU
<i>800L – 5000L</i>	: 26 kg/m ³ flame retardant soft PU (Optional)

External Cover Coating	
<i>100L – 500L</i>	: Electrostatic Powder Painted Steel / Artificial Leather / IXPE / ABS
<i>800L – 5000L</i>	: Artificial Leather / IXPE / ABS
External surface is coated with two layer high quality primary paint	



Installation Diagram



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

DESCRIPTION	Code	Unit	KBT-CB 100	KBT-CB 300	KBT-CB 500	KBT-CB 800	KBT-CB 1000	KBT-CB 1500	KBT-CB 2000	KBT-CB 2500	KBT-CB 3000	KBT-CB 4000	KBT-CB 5000
Volume	V	L	100	300	500	800	1000	1500	2000	2500	3000	4000	5000
Body Diameter	ØD	mm	540	760	800	910	1010	1120	1260	1460	1460	1660	1660
Total Height	H	mm	1160	1285	1830	2130	2100	2440	2370	2260	2660	2700	3100
Domestic Water Outlet	N1	inch/ DN	1 1/2"	2"	2 1/2"	DN 80	DN 100	DN 125	DN 125	DN 150	DN 150	DN 200	DN 200
Discharge	N2	inch	1 1/4"	1 1/2"	1 1/2"	2"	2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"
Insulation Type & Thickness	t	mm	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	48	84	140	372	471	746	847	1198	1258	1774	1894
Tipping Height	-	mm	1290	1515	2020	2335	2350	2700	2585	2710	3050	3190	3555
Air Release Valve Connection	N3	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"

HL Hydronics reserves the right to change technical information without notice. Information and schemes given may not be copied and used without permission from HL Hydronics. If used, HL Hydronics does not take responsibility.