



Balance Tank



Alarko Balance Tanks; For heating system where more than one pump or circuits are being utilized, these are used to balance possible temperature differences and to prevent extreme stress in boiler due to big difference between inlet and outlet water temperatures.



Thanks to properly dimensioned and placed separator inside of it, water flows are mixed at proper rates and speed.

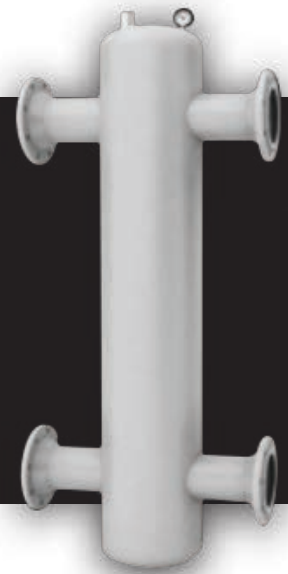
Electrostatic powdered paint is applied (RAL 9022).

A housing to install a 1/2" ball valved outlet and temperature sensor is located at upper camber. Lower outlet is welded and can be used for water discharge.

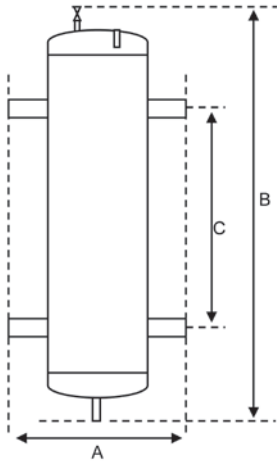
Water inlets-outlets can be welded or flanged.

Operating pressure is maximum 10 bar, and test pressure is maximum 15 bars.

Operation temperature is maximum 110°C.



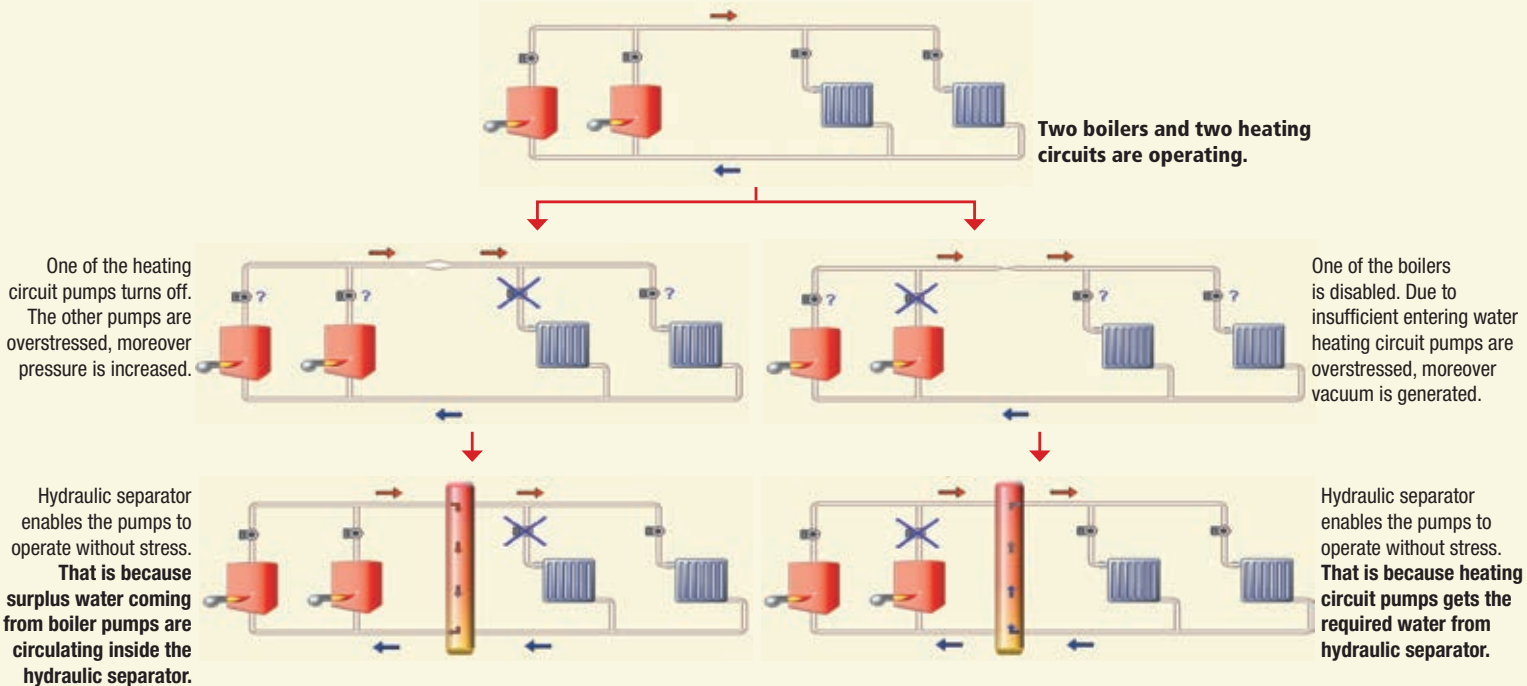
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BALANCE TANK DIMENSION TABLE

	Connection (DN)	Max. Recommended Flow (m ³ /h)	A (mm)		B (mm)	C (mm)
			Welded	Flanged		
DK-4	50	5-15	360	450	795	330
DK-8	65	10-15	360	450	795	330
DK-15	80	15-30	370	470	940	450
DK-25	100	25-60	370	470	940	450
DK-40	125	35-80	580	635	1160	560
DK-50	150	55-125	580	635	1160	560

HOW DOES BALANCE TANK BALANCES PRESSURE DIFFERENCES?



Manufacturer reserves the right to change any product specifications without notice.

ALARKO



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