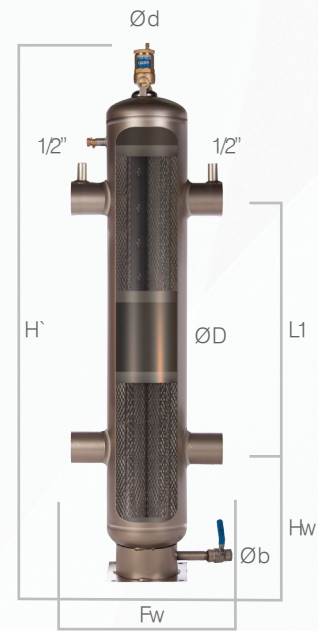
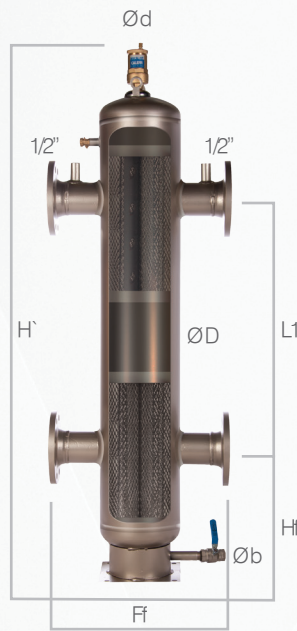




PDK BALANCE TANK SET



TYPE	Recommended Flow (m ³ /h)	ø D (mm)	H` (mm)	Hf (mm)	L1 (mm)	ø b	Flanged		Welded		Volume (lt)
							DN	Ff (mm)	ø d	Fw (mm)	
PDK 3	3	114	850	253	350	1"	50	440	2"	344	7
PDK 4	4	114	950	253	450	1"	50	440	2"	344	8
PDK 6	6	165	1080	295	500	1"	65	485	2 1/2"	395	19
PDK 8	8	165	1180	295	600	1"	65	485	2 1/2"	395	21
PDK 10	10	219	1440	410	650	1 1/4"	80	550	3"	450	46
PDK 12	12	219	1440	410	750	1 1/4"	80	550	3"	450	50
PDK 15	15	219	1640	410	850	1 1/4"	80	550	3"	450	53
PDK 20	20	273	1715	452	850	1 1/2"	100	610	4"	506	86
PDK 25	25	273	1815	452	950	1 1/2"	100	610	4"	506	92
PDK 30	30	323	1990	520	1000	1 1/2"	125	665	5"	555	142
PDK 40	40	323	2090	520	1100	1 1/2"	125	665	5"	555	150
PDK 50	50	323	2190	520	1200	1 1/2"	150	665	6"	555	159
PDK 60	60	400	2400	590	1300	2"	200	755	8"	631	271
PDK 75	75	400	2500	590	1400	2"	200	755	8"	631	283
PDK 100	100	450	2605	595	1500	2"	200	805	8"	681	371
PDK 150	150	550	3100	715	1750	2"	250	920	10"	780	667
PDK 200	200	600	3640	810	2100	2"	300	990	12"	834	948

Using more than one boiler (Cascade System) for central heating systems is increasing in numbers every day. Activating/deactivating the second (or more) boiler according to needs provides saving from the usage of energy. But continuous changes in need of hot water cause hydraulic imbalances with high probability. This problem leads to less efficiency for the system and also overload for pumps. PDK Series eliminate these problems.

ADVANTAGES

- Balance tank part reduces hydraulic unbalances by mixing returning water and hot water from boiler. This improves performance and operation time of the system by reducing thermal stresses and overloads of pumps.
- Air separator part removes air bubbles in the system and this provides more efficient and long lasting system and components.
- Strainer part removes dirt/sediments in the system and this also provides more efficient and long lasting system and components.
- PDK Series contain hydraulic balance tank, air separator and strainer within one device. It provides cost and labor savings as well as space saving in the place.
- Due to significantly improved heat transfer rate, automated systems will operate with more efficiency. Balance tank Set should be placed between the secondary circuit and primary circuit. This place is ideal for air separator and strainer.

