



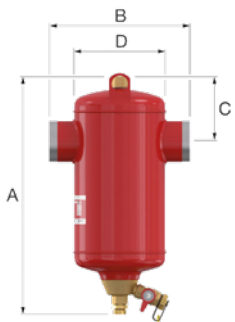
## Flamco Clean Smart

dirt separators

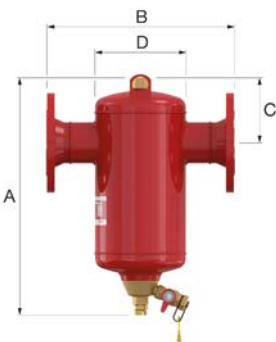
Air and dirt in a system cause problems such as reduced heat transfer, faults, wear and noise. They can also lead to system disruption and reduced pump performance. Higher energy consumption and an unreliable system are the consequence. Air and gases are always present in the water of heating and cooling systems. They are usually the result of actions performed (maintenance, draining and filling, etc.), micro-leaks, diffusion and chemical processes in the water.

The new range of Flamcovent, Flamco Clean and Flamcovent Clean Smart air and dirt separators remove even the tiniest microbubbles and minuscule dirt particles from the system water. Moreover, they require virtually no maintenance and the flow resistance is negligibly small, which saves energy.

- Continuous performance throughout the lifetime.
- Low maintenance.
- Extremely low flow resistance, resulting in ultra low power consumption.
- Up to 60% better performance compared to conventional air separators.
- There are 25 neodymium super magnets processed in the dirt scraper.



Type S



Type F

- Smart 50
- Smart 65
- Smart 80
- Smart 100
- Smart 125
- Smart 150
- Smart 200
- Smart 250
- Smart 300
- Smart 350
- Smart 400
- Smart 500
- Smart 600

content	dimensions					weight		syst. conn.	
	A	B (S)	B (F)	C	Ø D	Type S	Type F	Type S	Type F
[l]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]	[kg]	[mm]	[DN]
8	475	260	350	129	175	9	14	60,3	50
8	475	260	350	129	175	10	16	76,1	65
25	620	370	470	172	270	17	25	88,9	80
25	620	370	470	172	270	20	29	114,3	100
59	790	525	635	219	360	36	48	139,7	125
60	790	525	635	224	360	37	52	168,3	150
123	970	650	774	361	450	57	80	219,1	200
287	1272	850	990	395	600	125	158	273,0	250
333	1437	850	1006	420	600	140	184	323,9	300
646	1581	1050	1214	487	800	256	321	355,6	350
731	1754	1050	1220	517	800	265	348	406,4	400
1384	2081	1400	1580	627	1000	503	635	508,0	500
2390	2477	1680	1870	785	1200	755	963	610,0	600

- Flange connection according to EN 1092-1 PN16.
- Maximum working pressure 10 bar.
- Performances with a maximum working pressure of 25 bar available on request.
- Suitable for systems with a maximum supply temperature of 120 °C.
- Suitable for glycol solutions up to 50%.
- In accordance with the Pressure Equipment Directive 2014/68/EU.