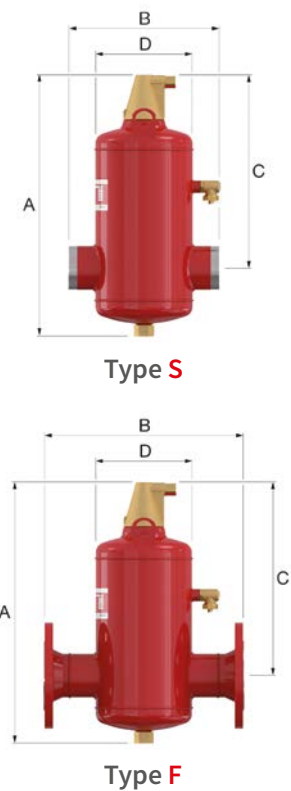


Flamcovent Smart

micro-bubble air 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 during the entire life span.
- Very low maintenance.
- Extremely low flow resistance, resulting in less energy consumption.
- Up to 60% better performance compared to conventional air separators.



- 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	472	260	350	338	175	9	14	60,3	50	
8	472	260	350	338	175	10	16	76,1	65	
25	612	370	470	435	270	17	25	88,9	80	
25	612	370	470	435	270	20	29	114,3	100	
59	740	525	635	510	360	36	48	139,7	125	
60	740	525	635	510	360	37	52	168,3	150	
123	975	650	774	670	450	57	80	219,1	200	
287	1290	850	990	892	600	125	158	273,0	250	
333	1452	850	1006	1032	600	140	184	323,9	300	
646	1600	1050	1214	1109	800	256	321	355,6	350	
731	1770	1050	1220	1252	800	265	348	406,4	400	
1384	2096	1400	1580	1470	1000	503	635	508,0	500	
2390	2500	1680	1870	1760	1200	755	963	610,0	600	

- Type F flange connection according to EN 1092-1 PN16.
- Maximum working pressure 10 bar.
- 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.