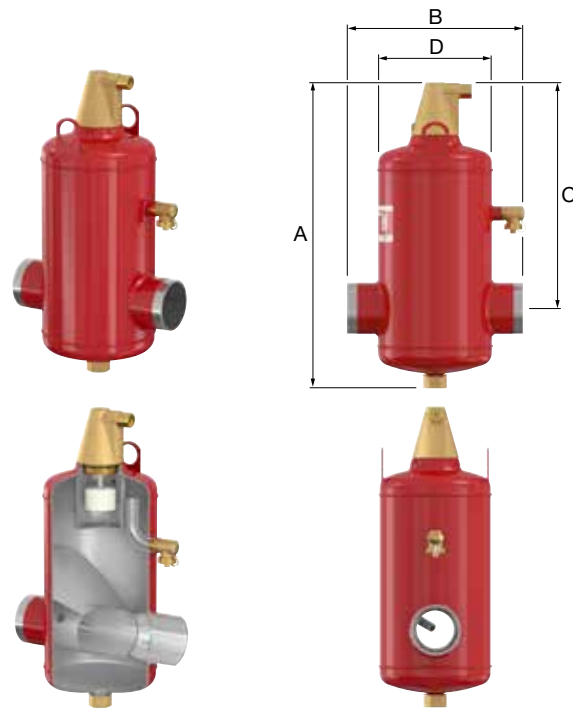



Flamcovent Smart S - 10.0 bar

Optimum deaeration combined with energy retention.

The new steel Flamcovent Smart air separators remove even the tiniest micro-bubbles from the installation water. The Flamcovent Smart performs 60% better than conventional air separators whilst the flow resistance has been reduced to a negligible level.

- Up to 60% better performance compared to conventional air separators.
- Extremely low flow resistance resulting in less energy consumption.
- Standard flow speed up to 3 m/s.
- Constant performance during the entire lifespan.
- Low maintenance.
- Including a welded connection.
- Maximum working pressure: 10 bar.
- Suitable for systems with a maximum flow temperature of 120 °C.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- In accordance with Pressure Equipment Directive 2014/68/EU.



Type	Capacity [l]	Connection		Dimensions				K _v * [m ³ /h] (ΔP = 1 bar)	Weight [kg]		Order Code
		[DN]	[mm]	A [mm]	B [mm]	C [mm]	D [mm]				
Flamcovent Smart 50 S	8	50	60.3	472	260	338	175	93	9	1	31101
Flamcovent Smart 65 S	8	65	76.1	472	260	338	175	140	10	1	31102
Flamcovent Smart 80 S	25	80	88.9	612	370	435	270	209	17	1	31103
Flamcovent Smart 100 S	25	100	114.3	612	370	435	270	311	20	1	31104
Flamcovent Smart 125 S	59	125	139.7	740	525	510	360	459	36	1	31105
Flamcovent Smart 150 S	60	150	168.3	740	525	510	360	675	37	1	31106
Flamcovent Smart 200 S	123	200	219.1	975	650	670	450	1340	57	1	31107
Flamcovent Smart 250 S	287	250	273.0	1290	850	892	600	1952	125	1	31108

* K_v = Q / √ΔP Q: Flow [m³/h] ΔP: Pressure drop over the product [bar]

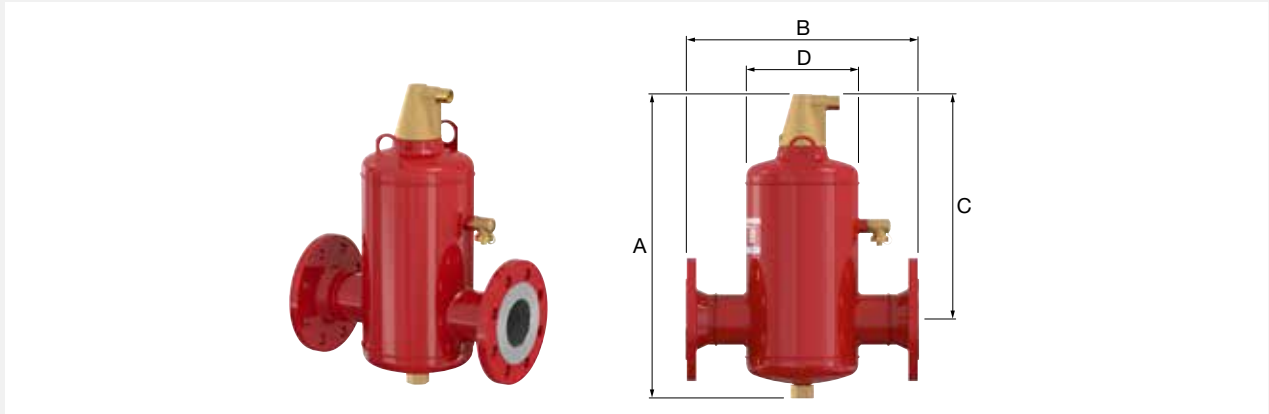
Flow factor K_v: Rate of flow [m³/h] which results in a 1 bar pressure drop across the product. This is different then the maximum allowed flow rate of the product.




Flamcovent Smart F - 10.0 bar

Similar to the Flamcovent Smart S but with flanged connection according to EN 1092-1 PN16.

- Maximum working pressure: 10 bar.
- Models with a maximum working pressure of 25 bar are available upon request.



Type	Capacity [l]	Connection		Dimensions				K _v * [m ³ /h] (ΔP = 1 bar)	Weight [kg]		Order Code
		[DN]	[mm]	A [mm]	B [mm]	C [mm]	D [mm]				
Flamcovent Smart 50 F	8	50	60.3	472	350	338	175	93	14	1	31001
Flamcovent Smart 65 F	8	65	76.1	472	350	338	175	140	16	1	31002
Flamcovent Smart 65 F**	8	65	76.1	472	350	338	175	140	16	1	31003
Flamcovent Smart 80 F	25	80	88.9	612	470	435	270	209	25	1	31004
Flamcovent Smart 100 F	25	100	114.3	612	470	435	270	311	29	1	31005
Flamcovent Smart 125 F	59	125	139.7	740	635	510	360	459	48	1	31006
Flamcovent Smart 150 F	60	150	168.3	740	635	510	360	675	52	1	31007
Flamcovent Smart 200 F	123	200	219.1	975	774	670	450	1340	80	1	31008
Flamcovent Smart 250 F	287	250	273.0	1290	990	892	600	1952	158	1	31009
Flamcovent Smart 300 F	333	300	323.9	1452	1006	1032	600	2830	184	1	31010
Flamcovent Smart 350 F	646	350	355.6	1600	1214	1109	800	4084	321	1	31011
Flamcovent Smart 400 F	731	400	406.4	1770	1220	1252	800	5866	348	1	31012
Flamcovent Smart 500 F	1384	500	508.0	2096	1580	1470	1000	8387	635	1	31013
Flamcovent Smart 600 F	2390	600	610.0	2492	1870	1760	1200	11939	963	1	31014

* $K_v = Q / \sqrt{\Delta P}$ Q: Flow [m³/h] ΔP: Pressure loss over the product [bar]

Flow factor K_v: Rate of flow [m³/h] which results in a 1 bar pressure drop across the product. This is different then the maximum allowed flow rate of the product.

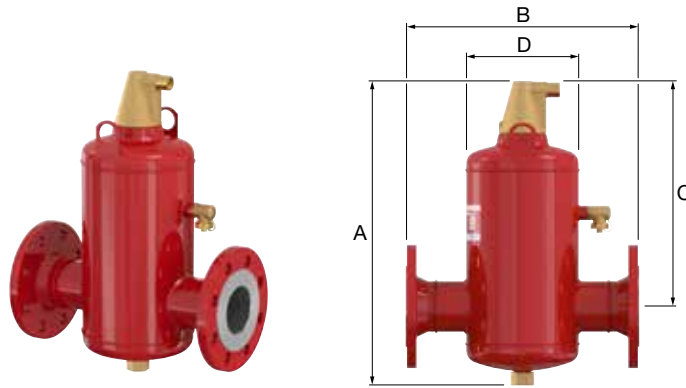
** 4 hole flanged version.




Flamcovent Smart F - 16.0 bar

Similar to the Flamcovent Smart S but with flanged connection according to EN 1092-1 PN16.

- Maximum working pressure: 16 bar.
- Models with a maximum working pressure of 25 bar are available upon request.



Type	Capacity [l]	Connection		Dimensions				K _v * [m ³ /h] (ΔP = 1 bar)	Weight [kg]		Order Code
		[DN]	[mm]	A [mm]	B [mm]	C [mm]	D [mm]				
Flamcovent Smart 50 F **	8	50	60.3	472	350	338	175	93	17	1	31061
Flamcovent Smart 65 F **	8	65	76.1	472	350	338	175	140	18	1	31062
Flamcovent Smart 80 F	25	80	88.9	612	470	435	270	209	26	1	31063
Flamcovent Smart 100 F	25	100	114.3	612	470	435	270	311	30	1	31064
Flamcovent Smart 125 F	59	125	139.7	740	635	515	360	459	67	1	31065
Flamcovent Smart 150 F	60	150	168.3	740	635	510	360	675	70	1	31066
Flamcovent Smart 200 F	123	200	219.1	975	774	670	450	1340	103	1	31067
Flamcovent Smart 250 F	287	250	273.0	1290	990	892	600	1952	200	1	31068
Flamcovent Smart 300 F	333	300	323.9	1452	1006	1032	600	2830	239	1	31069
Flamcovent Smart 350 F	646	350	355.6	1600	1214	1109	800	4084	387	1	31070
Flamcovent Smart 400 F	731	400	406.4	1770	1220	1252	800	5866	416	1	31071
Flamcovent Smart 500 F	1384	500	508.0	2096	1580	1470	1000	8387	777	1	31072
Flamcovent Smart 600 F	2390	600	610.0	2492	1870	1760	1200	11939	1465	1	31073

* $K_v = Q / \sqrt{\Delta P}$ Q: Flow [m³/h] ΔP: Pressure loss over the product [bar]

Flow factor K_v: Rate of flow [m³/h] which results in a 1 bar pressure drop across the product. This is different then the maximum allowed flow rate of the product.

** CE Marked.