



# Flamcovent Clean Smart Air & Dirt Separator™ (2" thru 24")

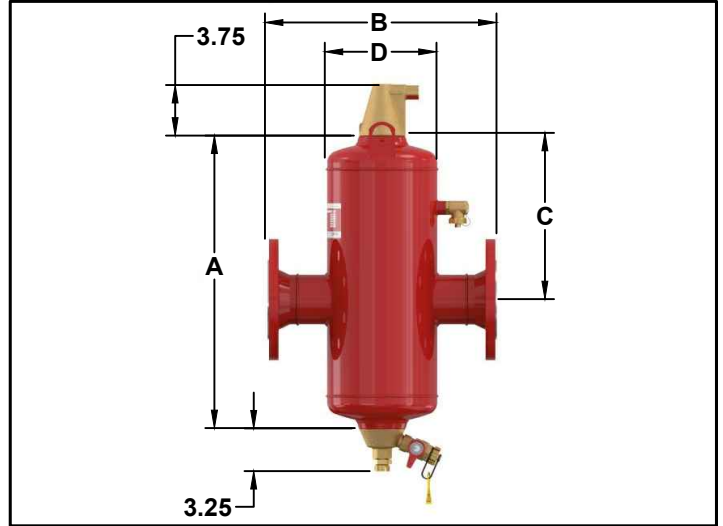
## PRODUCT DESCRIPTION & ADVANTAGES

### Description:

Flamcovent Clean Smart air and dirt separator range removes the micro bubbles and minuscule dirt particles from the system water.

### Advantages:

- Up to 60% better performance compared to conventional air and dirt separators.
- Extremely low flow resistance resulting in less energy consumption.
- Neodymium supermagnets remove even the smallest ferrous metal particles from the system fluid.
- Entire collector assembly including blow down valve is removable for internal access to the Clean Smart.
- 5 year warranty.



## DIMENSIONS & SPECIFICATIONS

Size [DN]	Type	Connection (Flange Size) [Inch]	Capacity [Gallon]	DIM'S [Inch]				Cv	Wt. [Lbs]
				A	B	C	D		
50F	Flamcovent Clean Smart - ASME	2	2.1	17.88	13.75	10.03	6.63	108	45
65F		2.5	2.6	17.88	13.75	10.03	6.63	162	52
80F		3	8.7	25.38	18.50	13.94	10.75	242	86
100F		4	8.7	25.38	18.50	13.94	10.75	360	94
125F		5	20.6	32.25	25.00	17.00	14.00	531	102
150F		6	20.6	32.25	25.00	17.00	14.00	780	113
200F		8	41.7	44.56	30.50	24.69	18.00	1549	209
250F		10	97.7	57.88	39.00	32.00	24.00	2257	423
300F		12	109.6	65.38	39.63	38.00	24.00	3272	515
350F		14	221.8	73.06	48.00	39.00	30.00	4721	771
400F		16	244.7	79.50	48.00	45.50	30.00	6782	883
500F		20	466.8	103.46	62.20	57.87	39.37	9696	1639
600F	24	806.8	122.99	73.62	69.17	47.24	13802	2365	

## MATERIALS

SHELL	.....CARBON STEEL
SEPARATING ELEMENT	.....CARBON STEEL
AIR VENT	.....BRASS
DIRT COLLECTOR ASSY	.....BRASS & STEEL
DRAIN	.....BRASS

## DESIGN DATA

MAX. WORKING PRESSURE	.....150 PSI
MAX. WORKING TEMPERATURE	.....250°F
SUITABLE FOR GLYCOL SYSTEMS	.....50/50
STANDARD FLOW VELOCITY	.....up to 9.8 ft/s

## DIMENSIONS & SPECIFICATIONS

Size [DN]	Type	Connection (Flange Size) [Inch]	Capacity [Gallon]	DIM'S [Inch]				Cv	Wt. [Lbs]
				A	B	C	D		
50F	Flamcovent Clean Smart - Non ASME	-	-	-	-	-	-	-	-
65F		2.5	2.6	23.74	13.78	13.11	6.89	162	35
80F		3	8.7	31.30	18.50	17.13	10.63	242	55
100F		4	8.7	31.30	18.50	17.13	10.63	360	64
125F		5	20.6	38.07	25.00	20.28	14.17	531	106
150F		6	20.6	38.07	25.00	20.28	14.17	780	115
200F		8	41.7	50.39	30.47	27.76	17.72	1549	176
250F		10	97.7	63.78	38.98	35.12	23.62	2257	348
300F		12	109.6	70.24	39.61	40.63	23.62	3272	406
350F		14	221.8	79.84	47.80	43.66	31.50	4721	708
400F		16	244.7	86.65	48.03	49.29	31.50	6782	767
500F		20	466.8	103.46	62.20	57.87	39.37	9696	1400
600F	24	806.8	122.99	73.62	69.17	47.24	13802	2123	

## ORDER DATA

Type	Size	Order Code	Qty.	Type	Size	Order Code	Qty.	
Flamcovent Clean Smart - ASME	50F	FSADS200A		Flamcovent Clean Smart - Non ASME				
	65F	FSADS250A			65F	FSADS250N		
	80F	FSADS300A			80F	FSADS300N		
	100F	FSADS400A			100F	FSADS400N		
	125F	FSADS500A			125F	FSADS500N		
	150F	FSADS600A			150F	FSADS600N		
	200F	FSADS800A			200F	FSADS800N		
	250F	FSADS1000A			250F	FSADS1000N		
	300F	FSADS1200A			300F	FSADS1200N		
	350F	FSADS1400A			350F	FSADS1400N		
	400F	FSADS1600A			400F	FSADS1600N		
	500F	FSADS2000A			500F	FSADS2000N		
600F	FSADS2400A		600F	FSADS2400N				

PROJECT \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

PO/JOB NO. \_\_\_\_\_

ENGINEER \_\_\_\_\_

REPRESENTATIVE \_\_\_\_\_

DATE \_\_\_\_\_