



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

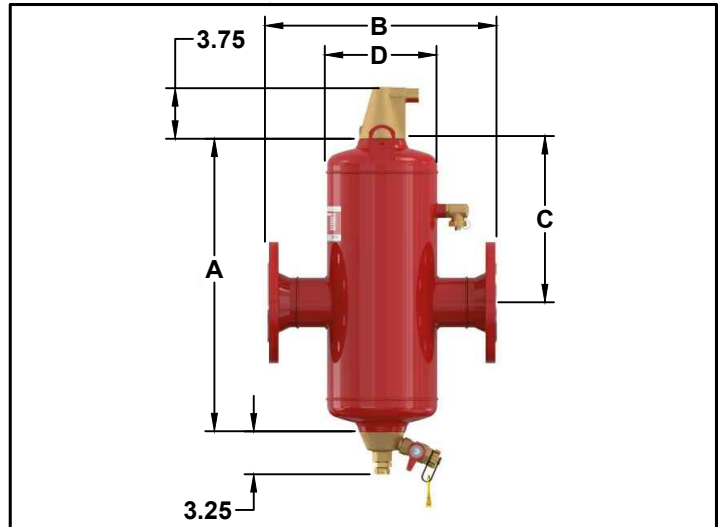
## PRODUCT DESCRIPTION & ADVANTAGES

### 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.



## 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

PROJECT \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

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

ENGINEER \_\_\_\_\_

REPRESENTATIVE \_\_\_\_\_

DATE \_\_\_\_\_

## DIMENSIONS & SPECIFICATIONS

Part Code	Size		Type	Capacity [Gallon]	Dimensions [INCH]				Cv	Weight. [Lbs]
	INCH	MM			A	B	C	D		
FSADS-200A	2	50	Flamcovent Clean Smart - ASME	4.4	23.44	13.75	11.72	8.00	108	44
FSADS-250A	2.5	65		4.4	23.44	13.75	11.72	8.00	162	51
FSADS-300A	3	80		7.2	24.69	18.50	12.35	10.00	242	65
FSADS-400A	4	100		7.2	24.69	18.50	12.35	10.00	360	76
FSADS-500A	5	125		20.1	27.62	25.00	13.81	16.00	531	118
FSADS-600A	6	150		20.1	27.62	25.00	13.81	16.00	780	131
FSADS-800A	8	200		39.2	41.14	30.00	20.57	18.00	1549	238
FSADS-1000A	10	250		85.1	50.18	39.00	25.09	24.00	2257	368
FSADS-1200A	12	300		85.1	50.18	39.00	25.09	24.00	3272	417
FSADS-1400A	14	350		212.5	77.70	48.00	38.85	30.00	4721	682
FSADS-1600A	16	400		212.5	77.70	48.00	38.85	30.00	6782	760
FSADS-2000A	20	500		323.2	83.00	60.00	41.50	36.00	9696	1188
FSADS-2400A	24	600		702.6	101.67	72.00	50.84	48.00	13802	2200