



# AIR & DIRT SEPARATOR

Air Separators: 2" - 12"

125 PSIG Working Pressure

## Construction

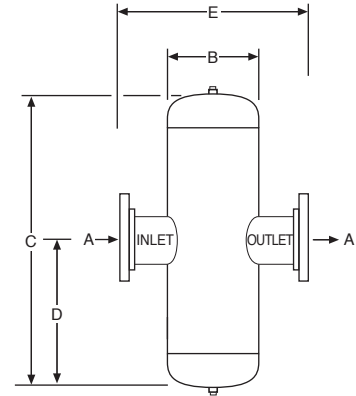
Body	ASME Approved Steel
Flanges	ASME 150 Lb

## Performance

Maximum Operating Temperature	450°F (232°C)
Maximum Working Pressure	125 PSIG (8.6 bar)
Warranty	1 Year

## Application

- Eliminates entrained air and separates debris associated with start-up and maintenance of any hydronic system.
- For use in closed, non-potable water systems.
- Designed and constructed per ASME Code Section VIII, Division 1.



## ASME Models

Model Number	Dimensions										Shipping Weight	
	A		B		C		D		E		Lbs	Kg
	In	mm	In	mm	In	mm	In	mm	In	mm		
2-ADS	2	51	6 <sup>5</sup> / <sub>8</sub>	168	22 <sup>1</sup> / <sub>2</sub>	572	11 <sup>1</sup> / <sub>4</sub>	286	15 <sup>1</sup> / <sub>4</sub>	387	60	27
3-ADS	3	76	8 <sup>5</sup> / <sub>8</sub>	219	28 <sup>1</sup> / <sub>2</sub>	724	14 <sup>1</sup> / <sub>4</sub>	362	20 <sup>1</sup> / <sub>4</sub>	514	92	42
4-ADS	4	102	8 <sup>5</sup> / <sub>8</sub>	219	28 <sup>1</sup> / <sub>2</sub>	724	14 <sup>1</sup> / <sub>4</sub>	362	20 <sup>5</sup> / <sub>8</sub>	524	102	46
5-ADS	5	127	12	305	42	1067	20 <sup>7</sup> / <sub>8</sub>	530	27 <sup>3</sup> / <sub>4</sub>	705	144	65
6-ADS	6	152	12	305	42 <sup>1</sup> / <sub>2</sub>	1070	21 <sup>1</sup> / <sub>8</sub>	537	27 <sup>3</sup> / <sub>4</sub>	705	149	68
8-ADS	8	203	16	406	49	1245	24 <sup>1</sup> / <sub>2</sub>	622	33 <sup>5</sup> / <sub>8</sub>	854	258	117
10-ADS	10	254	18	457	64	1626	32	813	37 <sup>1</sup> / <sub>2</sub>	953	384	174
12-ADS	12	305	24	610	75	1905	37 <sup>1</sup> / <sub>2</sub>	953	42 <sup>1</sup> / <sub>2</sub>	1080	533	242

All dimensions and weights are approximate.

Job Name _____	Notes _____
Engineer _____	_____
Contractor _____	_____
P.O. No. _____	_____
Sales Rep. _____	_____
Model No. _____	_____





# AIR & DIRT SEPARATOR

Air Separators: 2" - 12"

150 PSIG Working Pressure

## Construction

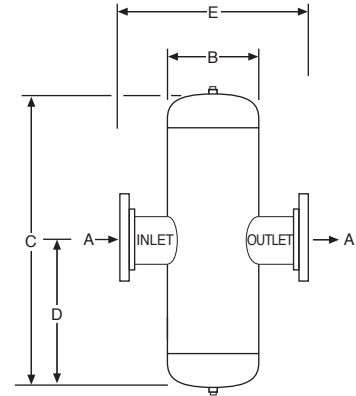
Body	ASME Approved Steel
Flanges	ASME 150 Lb

## Performance

Maximum Operating Temperature	450°F (232°C)
Maximum Working Pressure	150 PSIG (10.3 bar)
Warranty	1 Year

## Application

- Eliminates entrained air and separates debris associated with start-up and maintenance of any hydronic system.
- For use in closed, non-potable water systems.
- Designed and constructed per ASME Code Section VIII, Division 1.



## ASME Models

Model Number	Dimensions										Shipping Weight	
	A		B		C		D		E		Lbs	Kg
	In	mm	In	mm	In	mm	In	mm	In	mm		
2-ADS	2	51	6 <sup>5</sup> / <sub>8</sub>	168	22 <sup>1</sup> / <sub>2</sub>	572	11 <sup>1</sup> / <sub>4</sub>	286	15 <sup>1</sup> / <sub>4</sub>	387	65	29
3-ADS	3	76	8 <sup>5</sup> / <sub>8</sub>	219	28 <sup>1</sup> / <sub>2</sub>	724	14 <sup>1</sup> / <sub>4</sub>	362	20 <sup>1</sup> / <sub>4</sub>	514	97	44
4-ADS	4	102	8 <sup>5</sup> / <sub>8</sub>	219	28 <sup>1</sup> / <sub>2</sub>	724	14 <sup>1</sup> / <sub>4</sub>	362	20 <sup>5</sup> / <sub>8</sub>	524	110	50
5-ADS	5	127	12	305	42	1067	20 <sup>7</sup> / <sub>8</sub>	530	27 <sup>3</sup> / <sub>4</sub>	705	154	70
6-ADS	6	152	12	305	42 <sup>1</sup> / <sub>2</sub>	1070	21 <sup>1</sup> / <sub>8</sub>	537	27 <sup>3</sup> / <sub>4</sub>	705	159	72
8-ADS	8	203	16	406	49	1245	24 <sup>1</sup> / <sub>2</sub>	622	33 <sup>5</sup> / <sub>8</sub>	854	270	122
10-ADS	10	254	18	457	64	1626	32	813	37 <sup>1</sup> / <sub>2</sub>	953	395	179
12-ADS	12	305	24	610	75	1905	37 <sup>1</sup> / <sub>2</sub>	953	42 <sup>1</sup> / <sub>2</sub>	1080	550	249

All dimensions and weights are approximate.

Job Name _____	Notes _____
Engineer _____	_____
Contractor _____	_____
P.O. No. _____	_____
Sales Rep. _____	_____
Model No. _____	_____

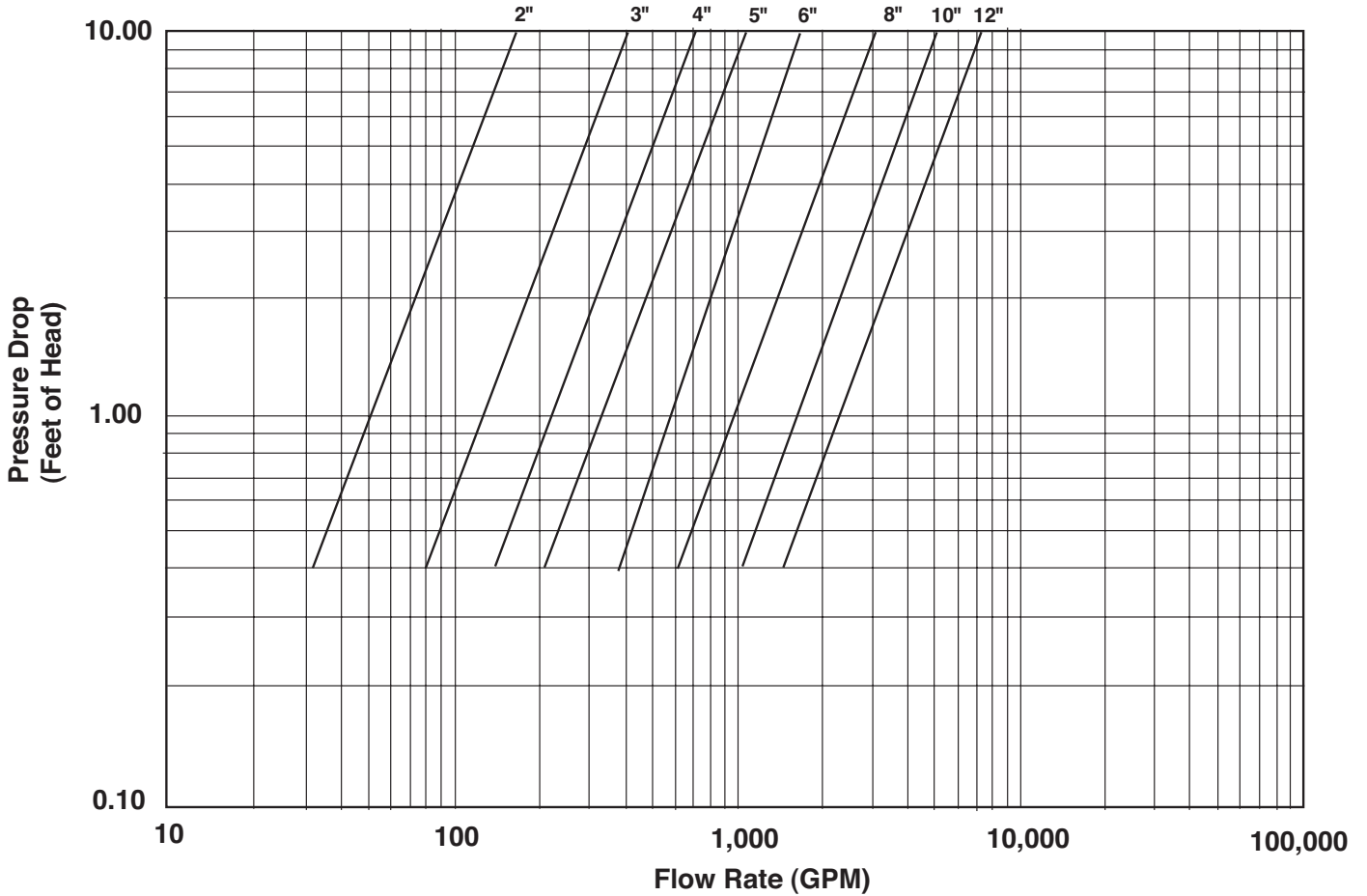




# AIR & DIRT SEPARATOR

Separators: 2" - 12"

## Flow/Pressure Drop Chart



Indicates pressure drop in feet of water versus flow in gallons per minute. This is an improved method for properly computing pressure drop in AMTROL Separators.

All calculations are approximate.

Job Name _____	Notes _____
Engineer _____	_____
Contractor _____	_____
P.O. No. _____	_____
Sales Rep. _____	_____
Model No. _____	_____

