

## HIGH EFFICIENCY AIR AND DIRT SEPARATORS WITH MAGNETS

PROTECTS SYSTEM COMPONENTS FROM AIR, DIRT & DEBRIS

ELIMINATES 100% OF THE FREE AIR, 100% OF THE ENTRAINED  
AIR, AND UP TO 99.6% OF THE DISSOLVED AIR IN THE  
SYSTEM

SEPARATES DIRT PARTICLES AND FERROUS MATERIAL USING  
PATENTED COALESCING MEDIA AND POWERFUL MAGNETS  
WITHIN THE FLOW PATH

MAXIMIZING SYSTEM PERFORMANCE



DESIGNED ★ ENGINEERED ★ ASSEMBLED

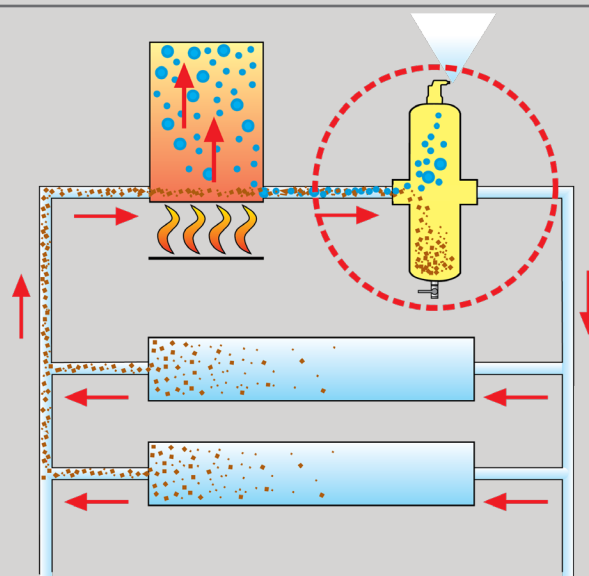
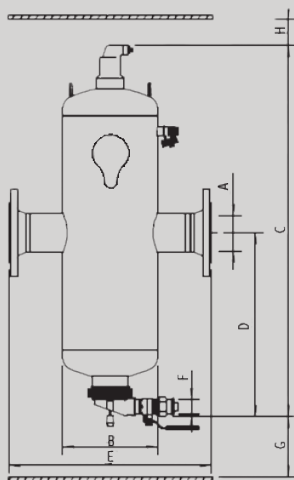
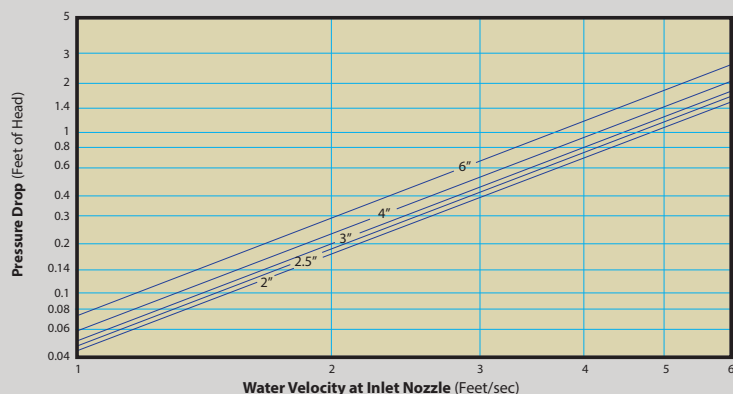
**USA**

 **Lochinvar®**

# HIGH EFFICIENCY AIR AND DIRT SEPARATORS WITH MAGNETS

## Pressure Drop

Standard Velocity | 2" through 12"



### CORRECT PLACEMENT FOR THE LOCHINVAR VDT

For optimum performance, the VDT should be installed at the hottest point in the system and before the system pump(s). In a heating installation, this is in the supply from the boiler. For a chilled water circuit, the warmest point is in the return to the chiller.

Flange Size (inches)	Model Number	Recommended Flow Rate (GPM)
2	VDT200FAM	60
2.5	VDT250FAM	90
3	VDT300FAM	140
4	VDT400FAM	240
6	VDT600FAM	540

Material #	Model #	A Pipe Size (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	G (in.)	H (in.)	Dry Weight (lbs.)	Recommended Flow (gpm)
100366349	VDT200FAM	2	6.3	29.3	12.4	15.2	1	3	3	76	60
100366350	VDT250FAM	2.5	6.3	29.3	12.4	15.7	1	3	3	85	90
100366391	VDT300FAM	3	8.6	35.4	15.6	20.2	1	3	3	149	140
100366392	VDT400FAM	4	8.6	35.4	15.6	20.6	1	3	3	159	240
100366393	VDT600FAM	6	12.8	45.7	20.9	27.7	1	3	3	270	540

## STANDARD FEATURES

Steel body	150 psig maximum working pressure
Brass vent head	270°F maximum operating temperature
Non-ferrous float	Blowdown valve included, adjustable 360°
Viton seal	Flanged ASME Section VIII, Division 1 Stamped and Registered
Viton O-ring	
Brass skim valve	
Copper coalescing medium	
Neodymium magnets	



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