

DIRT & AIR SEPARATORS - Model DAS-18

SUBMITTAL

JOB: _____	REPRESENTATIVE: _____
_____	_____
ENGINEER: _____	ORDER NO: _____ DATE: _____
CONTRACTOR: _____	SUBMITTED BY: _____ DATE: _____
_____	APPROVED BY: _____ DATE: _____

Quantity	TAG No.	Model No.	Comments

DESCRIPTION

Armstrong Dirt & Air Separators are designed to eliminate entrained air and separate debris associated with start-up and maintenance of any hydronic system. The design incorporates a skim valve, used to eliminate floating debris, a moveable end cover for coalescing medium access, and an air vent to automatically release air from the separator. The design and construction conforms to ASME Section VIII, Div. 1

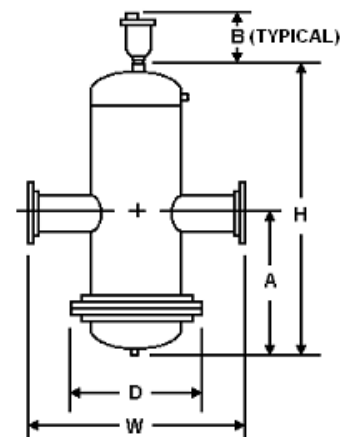
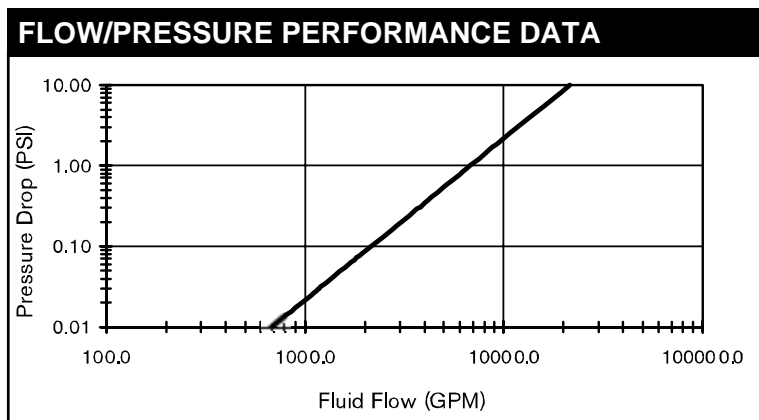
TECHNICAL DATA	
Maximum Design Temperature	250°F (121°C)
Maximum Design Pressure	150 psig (1034kPa)

MATERIAL OF CONSTRUCTION	
Shell	Carbon Steel
Coalescing Medium	Stainless Steel
Blow Down Valve (optional)	Bronze
Skim Valve (optional)	Bronze
Vent: (optional)	Stainless Steel

TYPICAL SPECIFICATION
Furnish and install on the plans and described herein, an Armstrong DAS Dirt & Air Separator as manufactured by Armstrong. Each separator must be designed with a blow down valve, skim valve, and automatic air vent. The separator must also utilize in its design a stainless steel coalescing medium to aid in the separation of air and dirt in the system entrained water. The separator must be constructed in accordance with the latest revision of the ASME Boiler and Pressure Vessel Code and stamped 125 psi (862 kPa) working pressure.
Each separator shall be Armstrong model DAS or approved equal.

DIMENSIONS AND WEIGHT								
MODEL	FLANGE SIZE	FLOW GPM	D	H	W	A	B	WEIGHT
DAS-18	18	10,000	36.00 (914)	78.00 (1981)	48.00 (1219)	39.00 (990)	8.62 (219)	2800 (1270.06)

Note: All dimensions are in inches (mm) and weights in lbs. (kg).



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