

DIRT & AIR SEPARATORS | MODELS DAS-20 | SUBMITTAL

File No: 37.5863
Date: NOVEMBER 24, 2023
Supersedes: NEW
Date: NEW

Job: _____ Representative: _____

Order no.: _____ Date: _____

Engineer: _____ Submitted by: _____ Date: _____

Contractor: _____ Approved by: _____ Date: _____

QUANTITY	TAG NO.	MODEL NO.	COMMENTS

TYPICAL SPECIFICATION

Furnish and install on the plans and described herein, a Armstrong DAS Dirt & Air Separators as manufactured by Armstrong Company. Each separator must be designed with a blowdown 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 dirt and air 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 working pressure.

Each separator shall be Armstrong model DAS-20 or approved equal.

DIRT & AIR SEPARATOR APPLICATIONS

Armstrong DAS series 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 removable 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

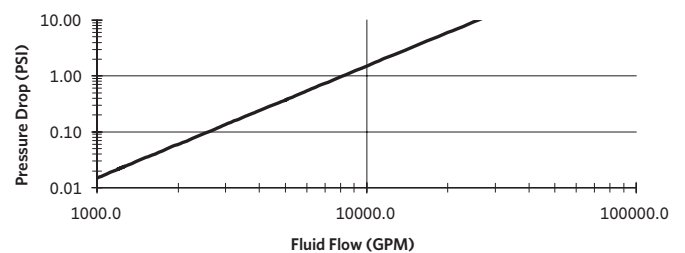
MATERIALS OF CONSTRUCTION

- Shell:** Carbon steel
- Coalescing medium:** Stainless steel
- Blow-down valve (optional):** Bronze
- Skim valve (optional):** Bronze
- Vent (optional):** Stainless steel

MAXIMUM OPERATING CONDITIONS

- Working temperature:** 250°F (121°C)
- Working pressure:** 125 psig (862 kpa)

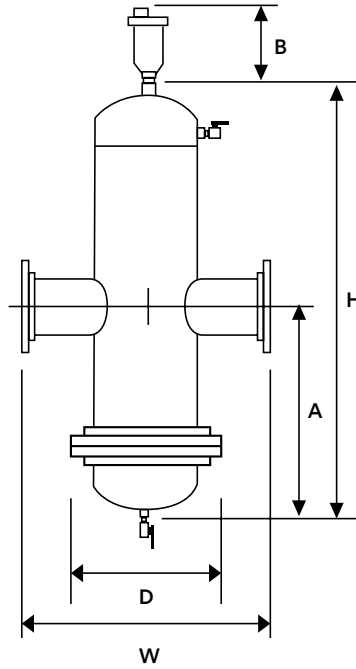
FLOW/PRESSURE PERFORMANCE DATA



DIMENSIONS AND WEIGHTS

MODEL	FLANGE SIZE	FLOW GPM	A	B	D	H	W	WEIGHT
		USgpm (L/s)	inches (mm)					lbs.(kg)
DAS-20	20"	5900 (372.2)	42.00 (1067)	8.63 (219)	42.00 (1067)	84.00 (2134)	56.00 (1422)	2900 (1315.4)

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



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