



**SUBMITTAL**

**ZADS-SERIES**  
AIR & DIRT SEPARATOR

**Models:** ZADS-2 thru ZADS-12

Date: 9/25

Job Name _____	Submitted By _____	Date _____
Location _____	Approved By _____	Date _____
_____	Order No. _____	Date _____
Engineer _____	Notes _____	
Contractor _____	_____	
Sales Rep. _____	_____	

**Description**

Zilmet ZADS series Air & Dirt Separators are designed to eliminate entrained air and separate debris associated with start-up and maintenance of any hydronic systems.

- Trim package is optional. The trim package incorporates a skim valve (used to eliminate floating debris) and an air vent (to automatically release air from the separator).

**Construction**

Shell: Carbon Steel  
 Coalescing Medium: Stainless Steel  
 Exterior: Primer Painted  
 Blow Down Valve (optional): Bronze  
 Skim Valve (optional): Bronze  
 Vent (optional): Cast Iron

**Performance Limitations**

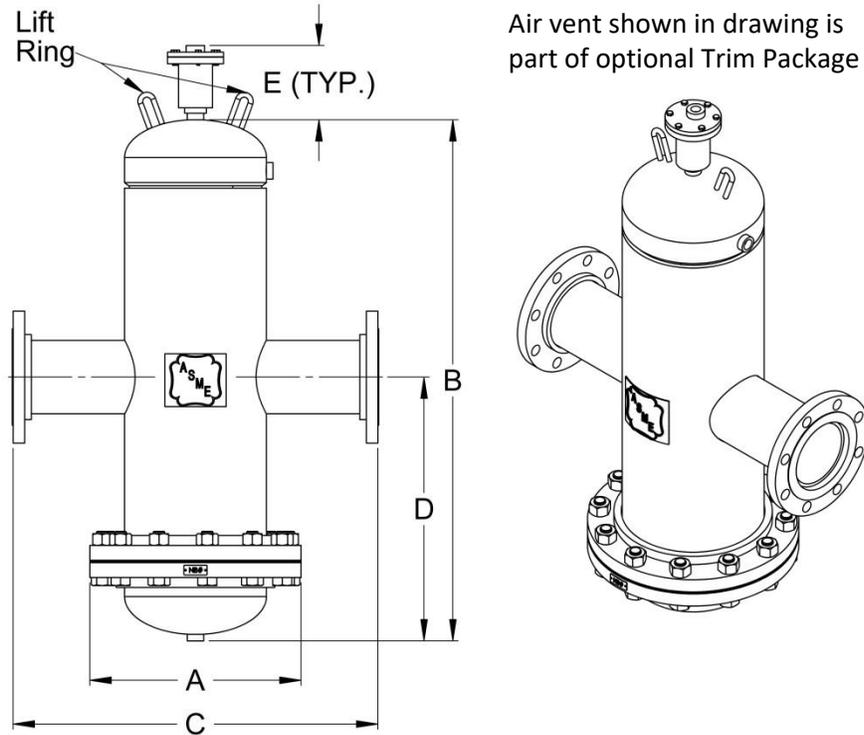
Maximum Design Temperature: 250°F  
 Maximum Design Pressure: 150 PSIG\*  
 \*125, 200 & 250 PSIG available

Model Number	Part Number	Max Flow (GPM)	Tagging Information	Quantity
ZADS-2	72302001	69		
ZADS-2-NPT	72302012	69		
ZADS-2.5	72302035	108		
ZADS-2.5-NPT	72302046	108		
ZADS-3	72302069	144		
ZADS-3-NPT	72302080	144		
ZADS-4	72302103	255		
ZADS-5	72302137	398		
ZADS-6	72302160	570		
ZADS-8	72302183	945		
ZADS-10	72302206	1440		
ZADS-12	72302229	2100		

**Typical Specification**

Furnish and install, as shown on plans, a ZADS- \_\_\_\_\_ Air & Dirt Separator as manufactured by Zilmet USA. 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 systems entrained water. The separator must be constructed in accordance with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code and shall be constructed and stamped for 150 PSI working pressure @ 250°F.

Each air separator shall be Zilmet model number ZADS- \_\_\_\_\_ or approved equal.



ZADS-2 thru ZADS-12

**Dimensions & Weights**

Model Number	Dimensions in Inches						Approx Shipping Wt (lbs)
	Connection Size	A	B	C	D	E	
ZADS-2	2	9	23	15 1/4	11 1/2	8 5/8	100
ZADS-2-NPT				9			100
ZADS-2.5	2.5	10		15 3/4			125
ZADS-2.5-NPT				10 1/2			125
ZADS-3	3	11	20 1/4	14 1/2	150		
ZADS-3-NPT			12 3/4		150		
ZADS-4	4	13 1/2	20 5/8		250		
ZADS-5	5	16	27 3/4	19 1/2	310		
ZADS-6	6	19			375		
ZADS-8	8	23 1/2	49	33 5/8	24 1/2		700
ZADS-10	10	27 1/2	65	37 1/2	32 1/2		1000
ZADS-12	12	32	76	42 1/2	38		1500

**Notes**

- Trim package is optional.