

SERIES ADSR/ADSF

IN-LINE AIR/DIRT SEPARATOR



PRODUCT DETAILS

Furnish and install, as shown on plans, a ADSR-Air & Dirt Separator as manufactured by FloFab. 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 125 PSI working pressure @ 250°F.

Flo Fab ADSR series Air & Dirt Separators are designed to eliminate entrained air and separate debris associated with start-up and maintenance of any hydronic systems. The design incorporates a skim valve, used to eliminate floating debris, removable end cover for coalscing medium access, and an air vent to automatically release air from the separator.

AIR REMOVAL

Independent third party laboratory testing has concluded that Flo Fab ADSR/AD Air & Dirt separator will eliminate air to a level at greater than 99.5%. This testing was accomplished with measurements of dissolved oxygen and observation at bubbles over time. Results concluded that within 15 to 45 minutes, 50% at the dissolved oxygen was removed. With sufficient time (less than two hours), the dissolved oxygen level was reduced to less than 0.1%.

Datasheet

Features

Performance Curves

Up to
650 ft.

Head

Up to
**3000
US GPM**

Flow

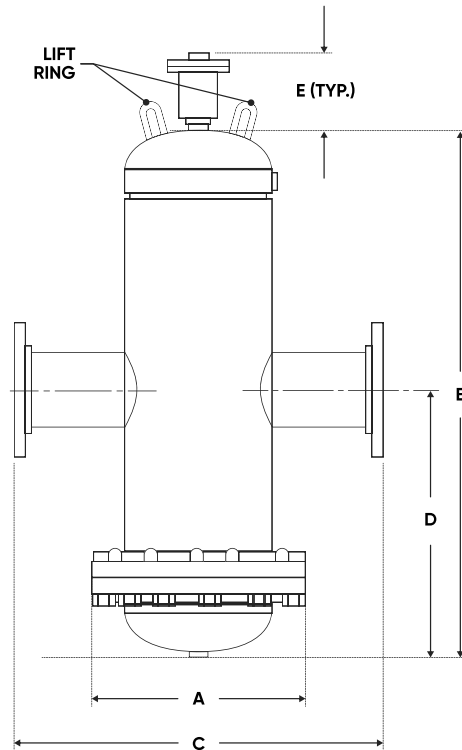
250 PSI

Max.
Pressure

300°F

Max.
Temperature

Dimensions



Maximum Design Temperature: 250°F
 Maximum Design Pressure: 125 PSIG*

*150, 200 & 250 PSIG available

○ ADSR/AD-2 THRU ADSR/AD-20

MODELS	CONNECTION SIZE	A	B	C	D	E	Shipping	Flow GPM		
ADSR-2	2"	9"	23"	15 1/4"	11 1/2"	8 3/8"	100 lb	69 US PGM		
ADSR-2-NPT				9"			90 lb			
ADSR-2.5	2.5"	10"		15 3/4"			125 lb	108 US PGM		
ADSR-2.5 NPT		10 1/2"		115 lb						
ADSR-3	3"	32"	29"	20 1/4"	14 1/2"		150 lb	144 US PGM		
ADSR-3-NPT		44"		12 3/4"			130 lb			
ADSR-4	4"	60 1/2"		39"			20 5/8"	19 1/2"	250 lb	255 US PGM
ADSR-4-NPT							15		210 lb	
ADSR-5	5"	36"	49"		27 3/4"		24 1/2"		310 lb	398 US PGM
ADSR-6	6"				375 lb				570 US PGM	
ADSR-8	8"	48"		33 5/8"	700 lb			945 US PGM		
ADSR-10	10"	54"		65"	37 1/2"			32 1/2"	1000 lb	1440 US PGM
ADSR-12	12"	60"	76"	42 1/2"	38"	1500 lb	2100 US PGM			
ADSR-14	14"	66"	78"	48"	39"	1800 lb	6500 US PGM			
ADSR-16	16"	66"				1950 lb	2200 US PGM			
ADSR-18	18"	72"				2700 lb	10 000 US PGM			
ADSR-20	20"	72"				84"	56"	42"	2900 lb	3500 US PGM

*Other sizes are available but not shown