



HYDRAULIC AIR DIRT SEPARATOR ADS



SUITABLE FOR

A very effective way to remove particulate matter and oxygen from systems is the use of Aira Air and Dirt Separators. The separator is installed in the pipework and continuously removes introduced oxygen from the system and separates out particulate matter.



FTA BOILER



FTB BOILER

FEATURES

- Acts as hydraulic circuit breaker to separate the boiler from the system
- Maintains minimum flow through boiler
- Create low velocity zone for dirt deposition
- Separates air from system
- Fully insulated with colorbond lagging

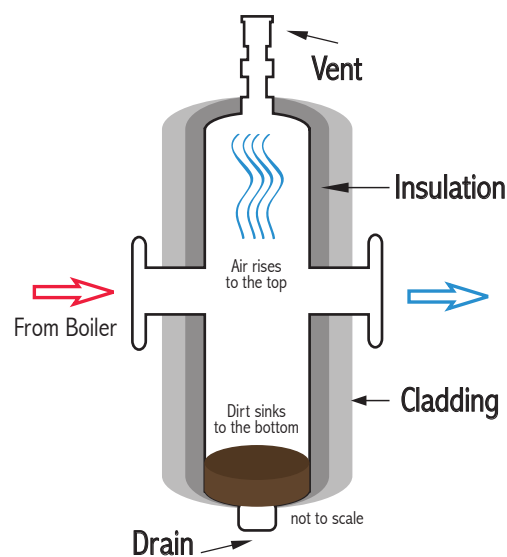
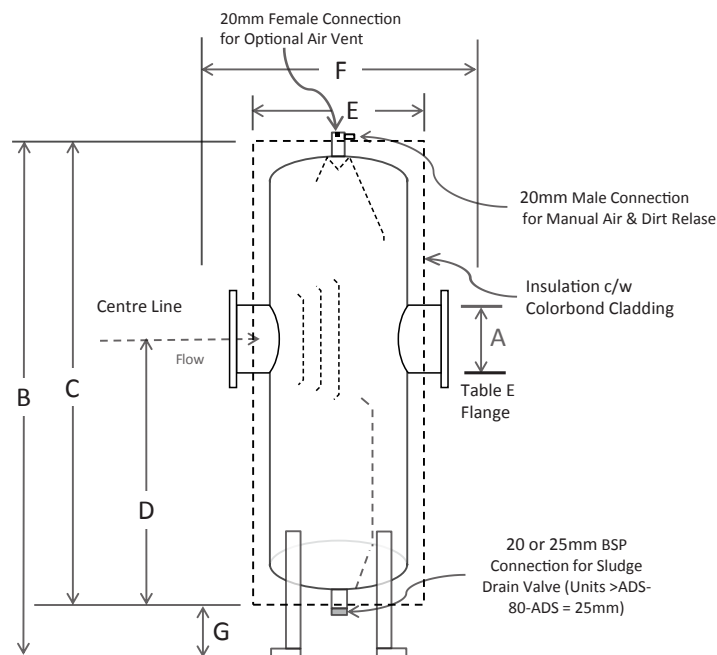
OPTIONS

- Mild Steel (std) or Stainless
- External Cladding - Colorbond, S/S or Aluminium
- Supplied with or without Polyurethane insulation
- Custom design and build option available

ADS HYDRULIC SEPARATOR SPECIFICATIONS



ADS_V3_120115



MODELS

ADS MODEL	DIMENSIONS (mm)							Max Flow	Operating Press kPa
	A	B	C	D	E	F	G		
ADS-032	32	Wall mount	800	400	350	460	n/a	8 l/s	750
ADS-038	38	Wall mount	900	450	350	460	n/a	11 l/s	750
ADS-050	50	Wall mount	900	450	350	460	n/a	20 l/s	750
ADS-065	65	Wall mount	1100	550	350	460	n/a	40 l/s	750
ADS-080	80	Wall mount	1100	550	350	460	n/a	60 l/s	750
ADS-100	100	1550	1300	650	350	460	250	100 l/s	750
ADS-125	125	1550	1300	650	550	780	250	105 l/s	750
ADS-150	150	1550	1300	650	550	780	250	125 l/s	750
ADS-200	200	1880	1630	970	720	950	250	140 l/s	750
ADS-250	250	1880	1630	970	720	950	250	160 l/s	750
ADS-300	300	2090	1840	1180	720	950	250	190 l/s	750
ADS-350	350	2090	1840	1180	720	950	250	205 l/s	750
ADS-400	400							237 l/s	750
ADS-500	500							280 l/s	750

Larger Air & Dirt Separator - Flow & ΔP Chart

ADS MODEL	Standard Flange (mm)	1.5 m/s Velocity		3.0 m/s Velocity	
		Max Flow L/s	ΔP Max Flow (kPa)	Max Flow L/s	ΔP Max Flow (kPa)
ADS-150	150	30	4.9	60	19.4
ADS-200	200	60	6.1	100	23.1
ADS-250	250	80	6.9	160	27.7
ADS-300	300	113	7.7	225	31
ADS-350	350	140	7.8	280	31
ADS-400	400	180	8.4	360	31
ADS-500	500				

Specifications subject to change without notice. Warranty conditional on verified maintenance.

DISTRIBUTED BY:

AIRA Head Office - Victoria
144 Colchester Rd
Bayswater North VIC 3153
Tel: 61 3 9839 8000
Fax: 61 3 9761 4732
www.aira.com.au
aira@aira.com.au