

Media: air
 Inlet Pressure: 16 Bar max
 Pressure range: 0 to 16 Bar
 Media temp: +1.5°C to +80°C
 Ambient temp: +1.5°C to +85°C
 Mounting: Upright +/- 5°



YD Air Filter

1 1/2, 2", 2 1/2" & 3"

Coalescing & Activated Carbon

Manual & Semi Auto Drain

0 - 16 Bar

TYPE YD

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FLOW

Ø Port	Element Types	Flow			Filter Element Size	Part Number
		Ltr/sec	M ³ /min	cfm		
1 1/2	Dust AR=1um dust AAR=0.01um dust	60	3.6	127.1	L068	YD068 + element type
		120	7.2	254.2	L145	YD145 + element type
2	Coalescing PF=5um AO=1um AA & AX=0.01um	200	12	423.7	L220	YD220 + element type
		316.7	19	670.9	L330	YD330 + element type
2 1/2	Activated Carbon ACS	233.3	14	494.4	L260	YD260 + element type
		366.7	22	776.8	L360	YD360 + element type
		430	25.8	911	L405	YD405 + element type
3		550	33	1165.3	L430	YD430 + element type
		620	37.2	1313.6	L620	YD620 + element type

OPTIONS

Filter element, differential pressure status gauge, liquid level glass, external drain valve, 1/2" mechanical auto drain max 400l/hr
 Coalescing filter elements **PF=5um, AO=1um, AA & AX=0.01um**
 Activated carbon filter elements **ACS=active carbon**
 Standard filter elements **AR=1um dust, AAR=0.01um dust**

Included
Included
Included
Included

CONSTRUCTION

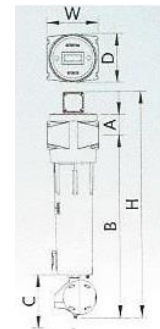
Body and Filter bowls Die cast aluminium alloy
 Test Pressure: 32 Bar, burst pressure 90 Bar
 Filters replacement period 6000 to 8000 hours

FILTER ELEMENTS

L068 (suit YD068)
 L080 & L145 (suit YD080 & YD145 filters)
 L220 & L260 (suit YD220 & YD260 filters)
 L330 & L360 (suit YD330 & YD430 filters)
 L405 & L430 (suit YD405 & YD430 filters)
 L620 (suit YD620 filter)

OVERALL DIMENSIONS

Model	Pipe BSPT	Width (mm)	Depth (mm)	Height (mm)	A	B	C
YD068	1 1/2	120	110	477	55	276	195
YD145	1 1/2	120	110	477	55	377	290
YD220	2	162	151	676	64	566	480
YD330	2	162	151	984	64	875	780
YD260	2 1/2	162	151	676	64	566	480
YD360	2 1/2	162	151	984	64	875	780
YD405	2 1/2	200	189	757	78	634	560
YD430	3	200	189	757	78	634	560
YD620	3	200	189	1012	78	889	780



Filter Grade	Filter Type	Micron	Max residual oil content 21°C	Replacement period	Pre-filter required
AR	Dry Particulate	1µ	N/A	8000 hours	N/A
AAR	Dry Particulate	0.01µ	N/A	8000 hours	N/A
PF	Coalescing	5µ	N/A	8000 hours	WS
AO	Coalescing	1µ	0.5ppm	8000 hours	PF
AA	Coalescing	0.01µ	0.01ppm	8000 hours	AO
AX	Coalescing	0.01µ	0.001ppm	8000 hours	AO
ACS	Oil Vapour	N/A	0.003ppm	If oil vapour / odour detected	AA

Filtration Grades

Grade AO – High Efficiency General Purpose Protection: Particle removal down to 1 micron, including water and oil aerosols. Maximum remaining oil aerosol content 0.6mg/m3 at 21C / 0.5ppm(w) at 70F.
Grade AA – High Efficiency Oil Removal Filtration: (Precede with Grade AO filter). Particle removal down to 0.01 micron including water and oil aerosols. Maximum remaining oil aerosol content 0.01mg/m3 at 21C / 0.01ppm(w) at 70F.
Grade ACS – Oil Vapour & Odour removal: (Precede Grade ACS with Grade AA filter) Maximum remaining oil vapour content 0.003mg/m3 at 21C / 0.003 ppm(w) at 70F.
Grade AR – General Purpose Dust Filtration: Dry particle removal to 1 micron.