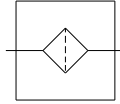


ACTIVATED CARBON ADSORBERS

Airmatic

SPECIAL PURPOSE FILTERS-DCF SERVICE :- COMPRESSED AIR



Airmatic Grade `XA' filters are efficient for filtration of fine solid particles and liquid aerosols, but no mechanical filter can remove contamination in vapour form. Activated Carbon adsorber are designed to remove selectively, vapours of oil and other organic compounds from compressed air. These adsorber contains a bed of highly adsorbant activated carbon granules, gives maximum adsorption capacity, eliminate the possibility of air by-passing the adsorbant carbon fill and provide a final filter to ensure no migration of the adsorbant particles. These filters match the flow characteristics of grade `XA' economy series coalescing Filters.



Condition of use

Max. Supply Pressure	Upto 12 Kg/cm ²
Max. Op. Temp.	25°C

Features * * * * *

- Very fast adsorption rate.
- Closely packed granules.
- Low initial cost.
- Full range of capacities.
- Service without breaking pipe connections.
- High pressure range available on request.
- Oil retention <0.005 ppm @ 7 bar, 21° C

Accessories & Options

Flanges as per BS and ASA Standards. And NPT Threads on request.

Model Ordering Code Instruction

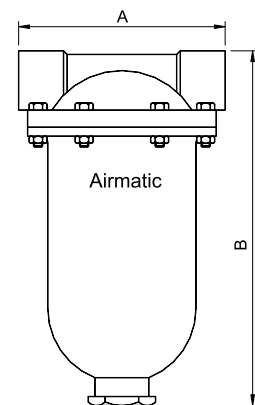
DCF	-	04	-	
↑		↑		↑
Type		Sizes		Connection
Activated Carbon		04 - G 1/2		N - NPT
Adsorber		06 - G 3/4		Blank - BSP
DCF-Standard		08 - G 1		
		12 - G 1 1/2		

Dimensions & Weight

Weight : 14 Kgs. @

ALL DIMENSIONS ARE IN MM.

SIZES	A	B
G 1/2	230	407
G 3/4		
G 1	270	625
G1.1/2		



Shah Pneumatics

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ACTIVATED CARBON ADSORBER CAT.

Application

- ❖ Hydrocarbon-free air for analytical instrument use.
- ❖ Odour-free and taste-free air coming in contact with food and other sensitive products.
- ❖ Purge air free of flammable, explosive, or toxic components.
- ❖ Breathing air. (CO, Co₂ Removal not Possible)
- ❖ Beverages, Beer, etc.
Carbon dioxide purification.
* For breathing air purifiers contact our sales dept.

Technical Data

Material Specification

Body	Die cast Aluminium
Bowl	Epoxy coated steel
Desiccant	Activated carbon coal based, 3 Kgs.@

Technical Specification

Degree to which the carbon is activated	900-1000m/g
Practicle size of carbon	3 mm (1/8) granular
Bulk Density	0-48-0-52 gm/ml
CTC(%)	40-50
ASH(%)	10-12

Ordering References

SIZES	MODELS
G1/2	DCF - 04
G3/4	DCF - 06
G1	DCF - 08
G1.1/2	DCF - 12

Service Kits

	G1/2-G1	G 1.1/2
Extra Adsorption Charge	ECC-0	ECC-1
Service Kit	DCFO (3 Kgs.)	DCF-1
Bowl `O' Ring	OF-2	OF-2