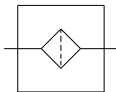


SILICAGEL ADSORBERS

SPECIAL PURPOSE FILTERS-DSF 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. Silicagel adsorber are designed to remove selectively, vapours of water from compressed air. Vapour loaded air enters the unit and goes down center tube and into bottom chamber, The air then moves up through a closely packed bed of silicagel, where vapour of water are absorbed and the air dew point is lowered, and then to the outlet.

Application

Water vapour free air for analytical instruments.

Technical Data

Material Specification

	MODEL	
	DSF	A602
Body	Diecast Aluminium	Aluminium
Bowl	Epoxy coated steel	Polycarbonate
Desiccant	Manually Regenerated silicagel	

Technical Specifications

Bulk Density	0.65-0.75 gm/ml
Surface Area	750-800 m ² /gm
Pore Volume	0.37-0.40 ml/gm
Water Adsorption by weight	80-90 %

Ordering Reference

SIZES	MODELS	
G1/2	DSF - 04	A602 - 04S
G3/4	DSF - 06	-
G1	DSF - 08	-
G1.1/2	DSF - 12	-

Features

- Low initial cost.
- Full range of capacities.
- Manually regeneration of Silicagel-lower maintenance cost.
- Service without breaking pipe connections.
- Closely packed granules.
- High pressure range available on request.
- High efficiency of moisture adsorption.

Service Kits

SIZES	G1/2 - G1	G1/2
	DSF-04/08	A602-04S
Extra Adsorption Charge	ECS	ECO
Service Kit	DSF-O (3 Kgs.)	A602-SO
Bowl 'O' Ring	EBG	SCWF-01



Condition of use

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

Accessories & Options

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

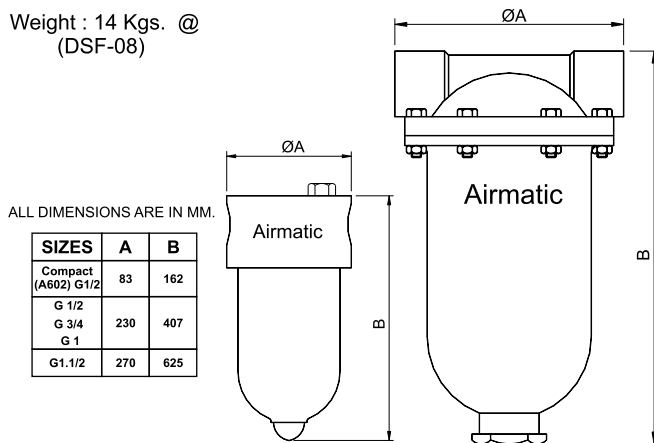
Model Ordering Code Instruction

DSF	-	04	-	
↓		↓		↓
Type		Sizes		Connection
Silicagel Adsorber		04 - G 1/2		N - NPT
DSF - Standard		06 - G 3/4		Blank - BSP
A602 - Compact		08 - G 1		
		12 - G 1 1/2		

* For Compact Model Specify A602-04S (Only G1/2)

Dimensions & Weight

Weight : 14 Kgs. @
(DSF-08)



ALL DIMENSIONS ARE IN MM.

SIZES	A	B
Compact (A602) G1/2	83	162
G 1/2		
G 3/4	230	407
G 1		
G1.1/2	270	625

Shah Pneumatics

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