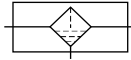


HIGH EFFICIENCY COALESCING FILTERS

Model : A 602 / 603 SERIES
SERVICE :- COMPRESSED AIR & GASES

Technical Data



Filter Element

The disposable filter element is made of Borosilicate glass fibre media. It is capable of withstanding high operational pressure without distortion or loss of dimensional integrity.

GRADE XO : HIGH EFFICIENCY GENERAL PROTECTION FILTER.

REMOVAL : DUST / SOLID CONTAMINATION / WATER / OIL.
RATING : 1.0 Micron
EFFICIENCY : 0.5 mg/m³ at 20°C
(Preceed With Grade XF Element)

GRADE XA : HIGH EFFICIENCY OIL REMOVAL FILTER.

REMOVAL : DUST / SOLID CONTAMINATION / WATER / OIL AEROSOLS.
RATING : 0.01 Micron
EFFICIENCY : 0.01 mg/m³ at 20°C
(Preceed With Grade XO Element)

Application

The A-602 high efficiency coalescing filters are available in pipe sizes from 6mm (G1/4) to 25mm (G1). It is designed for applications where all solid particles of upto 1.0 / 0.01 micron size or larger are to be removed from the air supply alongwith oil and water aerosols upto 0.5 / 0.01mg/m³. These filters are so efficient that as the air is directed through the wrapped filtering media, solid contamination of 1.0 / 0.01 μ size are trapped by Interception, Inertia Impact and Diffusion at low velocities, aerosols are coalesced to form liquid droplets which are permanently removed from the air stream and captured into the sump. The above filters are available from 19 CFM to 64 CFM. It is having rugged Diecast Zinc /Aluminium body with transparent bowl or optional metal bowl. Ideal for sensitive applications.

Features * * * * *

- ★ Low Initial cost.
- ★ Easy to install.
- ★ Ideal for end use applications / sensitive applications.

Standard Features

Drain : Manual Drain, (for timed drain use MEDV-01)
Drain Capacity : 240 ml. upto 15mm (G 1/2)
480 ml. above 20mm (G 3/4)

A 602 series filters must be preceded by pre. filter of 5 Micron for long service life.

Material of Construction

Body : Diecast Zinc / Aluminium
Bowl : Transparent Polycarbonate or Metal Bowl
Element : Borosilicate Glass Fibre

Condition Of Use

	Poly Bowl	Metal Bowl
Max. Supply Pressure	12 Kg/cm ²	18 Kg/cm ²
Max. Op. Temp.	50°C	70°C
Initial Pressure Drop	1PSI / 1.5PSI (XO/XA)	

Airmatic



Sizes / Model

SIZES	MODELS		FLOW RATE
	PLASTIC BOWL	METAL BOWL	
G1/4	A 602-19-02-XO A 602-19-02-XA	A 603-19-02-XO A 603-19-02-XA	19 SCFM (32 NM ³ /hr)
G3/8	A 602-19-03-XO A 602-19-03-XA	A 603-19-03-XO A 603-19-03-XA	
G1/2	A 602-19-04-XO A 602-19-04-XA	A 603-19-04-XO A 603-19-04-XA	
G3/4	A 602-36-06-XO A 602-36-06-XA	A 603-36-06-XO A 603-36-06-XA	36 SCFM (61 NM ³ /hr)
G1	-	A 603-64-08-XO A 603-64-08-XA	64 SCFM (109 NM ³ /hr)

Flow at 7 Kg/cm², 7 psi drop @ 20°C

Service Kits

		SIZES		
		G1/4-G1/2	G3/4	G1
Element Kit	1.0 Micron	E 0019 XO	E 0036 XO	E 0064 XO
	0.01 Micron	E 0019 XA	E 0036 XA	E 0064 XA

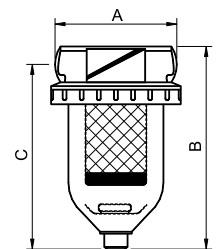
Model Ordering Code Instruction

A602 - 19 - 02 - - XO -

Filter Type: A602 - Poly Bowl, A603 - Metal Bowl
 Pressure Blank: 12Kg
 Sizes: 02 - G1/4, 03 - G3/8, 04 - G1/2, 06 - G3/4, 19 - 19scfm, 08 - G1
 Connection: N - NPT, Blank - BSP
 Element Grade: XO - 1.0Micron, XA - 0.01 Micron, XF5 - 5 Micron
 Drain Blank: MEDV-01 (Semi Auto), PD (Electronic), PT (Plastic/Manual), Push Type

Dimensions / Weights

BOWL TYPE	SIZES			
	G1/4 - G3/8 - G1/2		G3/4 - G1	
	PLASTIC	METAL	PLASTIC	METAL
A	87	87	117	129
B	158	221	212	292
C	142	205	189	271
Wt. Kgs.	0.885	1.160	1.195	1.750



ALL DIMENSIONS ARE IN MM.

Shah Pneumatics

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STD HIGH EFFIC. COALESCING FILTER CAT.