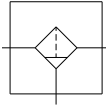


AIR/GAS LINE FILTERS

HIGH PRESSURE SERIES - HPF SERVICE : COMPRESSED AIR & GASES



Airmatic High Pressure Filter introduces a new dimension to air/gas line filtration. Utilizing the latest technologies and techniques, the HPF Filter series brings the high performance levels with low maintenance easy installation, eliminates contamination in systems and protects processes and products.

Applications

1. Airblast circuit breakers,
2. Oxygen Filtration for Breathing gas mixture,
3. High pressure blow moulding of plastics,
4. Gas Filtration for diving bells,
5. Starting air for diesel engines,
6. Filtration of natural gas,
7. High pressure breathing air.
8. Fertilizer, Chemicals, Petrochemicals, Textile Machines, Machine Tools, Pneumatics, Refineries.

Technical Data

Material Specification

Body / Bowl	St. Steel 304
Filter Element	Porous Material / Glass Microfiber
Drain	St. Steel 304

Other material of construction on request.

Ordering Reference

SIZES	FLOW	MODELS		
		PRE FILTERS 25 Micron	HIGH EFFICIENCY 1 Micron	HIGH EFFICIENCY 0.01 Micron
G1/4	30 SCFM	HPF45-19-02-XF25	HPF45-19-02-XO	HPF45-19-02-XA
G3/8	45 SCFM	HPF45-19-03-XF25	HPF45-19-03-XO	HPF45-19-03-XA
G1/2	60 SCFM	HPF45-19-04-XF25	HPF45-19-04-XO	HPF45-19-04-XA

Flow referred at 40 Kg/cm² & Δ P, 2 psig

Standard Features

Element Rating	25 Micron*
Drain	Manual

* Optional 5 Micron on Request.

Features * * * * *

- Available in 4 filtration grades.
- Tie-rod fixing of Elements for positive location.
- For working pressure upto 45 Kg/cm²
- Connections BSP/NPT from G1/4 onwards.
- Drain connections provided.
- Corrosion Resistant filter Housings.

Service Kits

Element Kit (Sintered Material)	25 Microns	SFCA-245A
	1 Microns	E0019 XO
	0.01 Micron	E0019 XA
Bowl 'O' Ring		HPF-02



Filter Element

	GRADE	RATING (μ)
Particular Filter - Sintered Material	XF	25
High Efficiency Filter - Glass Micro Fibre	XO	1.0
	XA	0.01

Condition of use

Max. Working Pressure	45 Kg/cm ²	
Max. Op. Temp.	HPFXF	80°C
	HPFXO	65°C
	HPFXA	65°C

Accessories & Options

	SUFFIX
Time Operated drain specify	EDV-01
Diff. Pressure Gauge	DPG-2

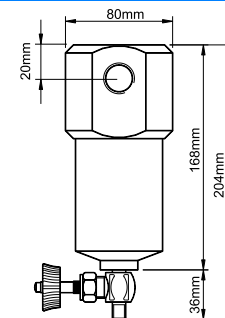
Model Ordering Code Instruction

HPF - 45 - S - 19 - 04 - - XF - - DPG-2

Type: High Pressure Filter
 Pressure: 45 - 45kg
 Flow: 19 - 19 scfm
 Sizes: 02-G1/4, 03-G3/8, 04-G1/2
 Element Rating: XF5 - 5 Micron, XF25 - 25 Micron, XO - 1 Micron, XA - 0.01 Micron
 Mat. of Const. of Body: S-St. Steel 304
 Connection: N - NPT, Blank - BSP
 Drain Blank: - Manual, D1 - Ball Valve, MEDV-01 - Electronic
 Accessories: Diff. Pr. Gauge DPG-2-40Kg.

Dimensions & Weight

Weight : 3.775 Kgs.



ALL DIMENSIONS ARE IN MM

Shah Pneumatics

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