

Pre-, micro- and activated carbon filters Futura model series

Materials: Body: Grivory® (PA 66), seals: NBR, condensate container: Polycarbonate

Temperature range: -10°C to max. +50°C

Input pressure: 1.5 - 16 bar (model series 0: 1.5 - 12 bar)

Condensate draining: Semi-automatic¹⁾ (activated carbon filter without drainage)

Media: Compressed air, neutral gases

ATEX: Operating material without its own potential source of ignition in accordance with Directive 2014/34/EU (not model series 0 or differential pressure indicator/differential pressure gauge)

✓ **Advantage:** • Simple assembly of single components using coupling kits within a model series.

Pre-filters Futura model series

up to 1500 l/min*

Application: Pre-filters are used where high requirements are placed for the purity of compressed air. Fine particles (> 0.3 µm), which can pass unhindered through the sintered filters, are separated here. Pre-filters are also installed in order to increase the service life of microfilters.

Dust removal: > 0.3 µm (99.99 %)

☞ **Optional:** Version with metal container and inspection tube (model series 0: without inspection tube) **-M**, automatic drain **-AM**, automatic drain closed when not pressurised (0 - 16 bar, model series 0: 0 - 12 bar) **-AMNC**

Type	Container volume	Thread	Optimal flow* (l/min)	H	H1	L	Mount. bracket	Coupling kit	Re- place. filter	Replace. filter for opt. -AM/-AMNC
Model series 0										
FV 014 F	12 cm³	G 1/4"	140	132	105	43	W 0 F	KP0F or KPW0F	V 23/35	V 23/35
Model series 1										
FV 14 F	12 cm³	G 1/4"	300	169	130	52	W 1 F	KP1F or KPW1F	V 23/70	V 23/40
FV 38 F	12 cm³	G 3/8"	300	169	130	52	W 1 F	KP1F or KPW1F	V 23/70	V 23/40
Model series 2										
FV 382 F	49 cm³	G 3/8"	500	195	147	63	W 2 F	KP2F or KPW2F	V 28/67	V 28/67
FV 12 F	49 cm³	G 1/2"	500	195	147	63	W 2 F	KP2F or KPW2F	V 28/67	V 28/67
Model series 4										
FV 34 F	87 cm³	G 3/4"	1500	255	192	85	W 4 F	KP4F or KPW4F	V 40/100	V 40/100
FV 10 F	87 cm³	G 1"	1500	255	192	85	W 4 F	KP4F or KPW4F	V 40/100	V 40/100
Accessories										
DDA B	Differential press. indicator 0-0.35 bar		Outstanding value!							
DDA M	Differential press. gauge 0-0.5 bar									

* at 6 bar input pressure and 0.02 bar pressure loss

☞ **Order example:** FV 014 F **

Standard type

Designation for the options:

W/ metal bowl & inspection tube (mod. series 0, w/o insp. tube) **-M**
Automatic drain **-AM**
Automatic drain closed when depressurised **-AMNC**
(0 - 16 bar, model series 0: 0 - 12 bar)

Microfilters Futura model series

up to 1500 l/min*

Application: Microfilters are used where high requirements are required for the purity of the compressed air requirements. Finest particle (> 0.01 µm) and oil mist is separated here. We recommend the upstream connection of a prefilter to increase the service life.

Dust removal: > 0.01 µm (99,999 %), **residual oil content:** 0.01 mg/m³ (class 1 in accordance with DIN ISO 8573-1)

☞ **Optional:** Version with metal container and inspection tube (model series 0: without inspection tube) **-M**, automatic drain **-AM**, automatic drain closed when not pressurised (0 - 16 bar, model series 0: 0 - 12 bar) **-AMNC**

Type	Container volume	Thread	Optimal flow* (l/min)	H	H1	L	Mount. bracket	Coupling kit	Re- place. filter	Replace. filter for opt. -AM/-AMNC
Model series 0										
FX 014 F	12 cm³	G 1/4"	190	132	105	43	W 0 F	KP0F or KPW0F	X 23/35	X 23/35
Model series 1										
FX 14 F	12 cm³	G 1/4"	350	169	130	52	W 1 F	KP1F or KPW1F	X 23/70	X 23/40
FX 38 F	12 cm³	G 3/8"	350	169	130	52	W 1 F	KP1F or KPW1F	X 23/70	X 23/40
Model series 2										
FX 382 F	49 cm³	G 3/8"	450	195	147	63	W 2 F	KP2F or KPW2F	X 28/67	X 28/67
FX 12 F	49 cm³	G 1/2"	450	195	147	63	W 2 F	KP2F or KPW2F	X 28/67	X 28/67
Model series 4										
FX 34 F	87 cm³	G 3/4"	1500	255	192	85	W 4 F	KP4F or KPW4F	X 40/100	X 40/100
FX 10 F	87 cm³	G 1"	1500	255	192	85	W 4 F	KP4F or KPW4F	X 40/100	X 40/100
Accessories										
DDA B	Differential press. indicator 0-0.35 bar		Outstanding value!							
DDA M	Differential press. gauge 0-0.5 bar									

* at 6 bar input pressure and 0.1 bar pressure loss

☞ **Order example:** FX 014 F **

Standard type

Designation for the options:

W/ metal bowl & inspection tube (mod. series 0, w/o insp. tube) **-M**
Automatic drain **-AM**
Automatic drain closed when depressurised **-AMNC**
(0 - 16 bar, model series 0: 0 - 12 bar)

Filters of the model series Multifix can be found in our Online Shop

☞ **Order example:** F 14 X

Standard type

Designation for the options
 Order filters of the model series Multifix without "F" -F e. g.: F 14

¹⁾ as soon as the inlet pressure falls below the minimum input pressure, the drain valve opens automatically. The semi-automatic drain valve can be prevented from opening by screwing on the drain plug tightly.

