



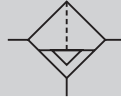
Main line filter

# AF5000P Series

For air dryer pre-filter

● Flow rate range: 16 to 256 m<sup>3</sup>/min (ANR)

JIS symbol



## Specifications

Model No.	AF5016P-50	AF5032P-80	AF5048P-100	AF5064P-100	AF5080P-150	AF5096P-150	AF5128P-150	AF5160P-200	AF5192P-200	AF5256P-200
Processing air flow rate (*2, *3) m <sup>3</sup> /min (ANR)	16	32	48	64	80	96	128	160	192	256
Working fluid	Compressed air									
Working pressure	MPa 0.08 to 1.0									
Proof pressure	MPa 1.5									
Ambient temperature	°C 5 to 60									
Filtration rating	µm 3									
Pressure drop	Initial	MPa Within 0.005								
	Normal	MPa 0.01								
	Element replacement	MPa 0.035								
Element quantity	1	2	3	4	5	6	8	10	12	16
Port size (*1) Flange	2B	3B	4B	4B	6B	6B	6B	8B	8B	8B
Weight	kg 38	76	78	107	140	167	223	232	269	330
Differential pressure switch										
Operating pressure differential	MPa 0.04±0.01									
Contact	1 pole a contact									
Max. contact current	A 0.5									
Max. contact voltage	VDC 200									
Max. contact capacitance	W 10									
Max. contact resistance (including reed switch)	mΩ 300									
Drain discharger (model No.: DBV1003)										
Drain outlet port size	(*4) G 1/4 or φ8 to 10 mm hose fitting									
Power supply	Single phase 200 VAC 50/60 Hz									

\*1: Flange is 10K flange.

\*2: Processing air flow rate is the atmospheric pressure conversion value where the inlet pressure is 0.7 MPa and initial pressure drop is 0.005 MPa.

\*3: ANR indicates conditions of 20°C atmospheric pressure and relative humidity 65%.

\*4: R 1/4 connection is possible with G 1/4.

## Flow rate compensation coefficient

If the working pressure is other than 0.7 MPa, multiply the processing air flow rate by the above coefficient.

Pressure (MPa)	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Compensation coeff	0.38	0.53	0.65	0.76	0.85	0.93	1.0	1.07	1.13	1.2

### How to order

AF5 **016** P - **50** - **X1**

**A** Flow rate classification

**B** Bore size

**C** Option \*1  
\*2  
\*3  
\*5

Code	Content										
<b>A Flow rate classification m<sup>3</sup>/min (ANR)</b>											
<b>016</b>	16										
<b>032</b>	32										
<b>048</b>	48										
<b>064</b>	64										
<b>080</b>	80										
<b>096</b>	96										
<b>128</b>	128										
<b>160</b>	160										
<b>192</b>	192										
<b>256</b>	256										
<b>B Bore size</b>											
Flow rate classification	016	032	048	064	080	096	128	160	192	256	
<b>50</b> Flange 2B	●	-	-	-	-	-	-	-	-	-	-
<b>80</b> Flange 3B	-	●	-	-	-	-	-	-	-	-	-
<b>100</b> Flange 4B	-	-	●	●	-	-	-	-	-	-	-
<b>150</b> Flange 6B	-	-	-	-	●	●	●	-	-	-	-
<b>200</b> Flange 8B	-	-	-	-	-	-	-	●	●	●	-
<b>C Option</b>											
<b>Blank</b>	Standard products										
<b>D</b>	Drain discharger 5100-4C (*1)										
<b>E</b>	Without drain discharger										
<b>K</b>	Companion flange attached										
<b>H</b>	English language specifications										
<b>H2</b>	SUS nameplate										
<b>L</b>	Foundation bolt/nut attached (SS400) (*2)										
<b>L1</b>	Foundation bolt/nut attached (SUS304) (*2)										
<b>X1</b>	IN/OUT reverse direction (*3)										
<b>Y2</b>	Product photo										

### ⚠ Precautions for model No. selection

- \*1: "D" drain discharger 5100-4C is recommended for working environments where electric wiring is not possible.
- \*2: "L" and "L1" are applicable to AF5032P to AF5256P.
- \*3: Viewed from the front, a standard product has an air inlet on the left port, while an air outlet on the right port. For "X1", an air inlet is provided on the right port, while an air outlet is provided on the left port.
- \*4: Unit performance may not be attained if used at less than the selected pressure. Always select the model No. for the working pressure.
- \*5: When ordering several options, indicate the required options in alphabetical order.

[Example of model No.]

**AF5016P-50-X1**

Model: Main line filter AF5000P Series

- A** Flow rate ..... 16 m<sup>3</sup>/min (ANR)
- B** Bore size ..... Flange 2B
- C** Option ..... IN/OUT reverse direction

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Refrigeration dryer

Desiccant dryer

High polymer membrane dryer

Air filter

Drain discharger, etc.

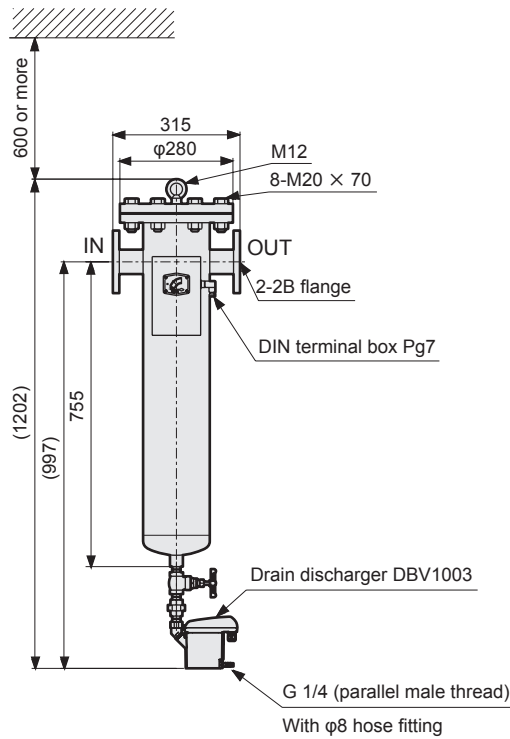
Flow rate sensor

# AF5000P Series

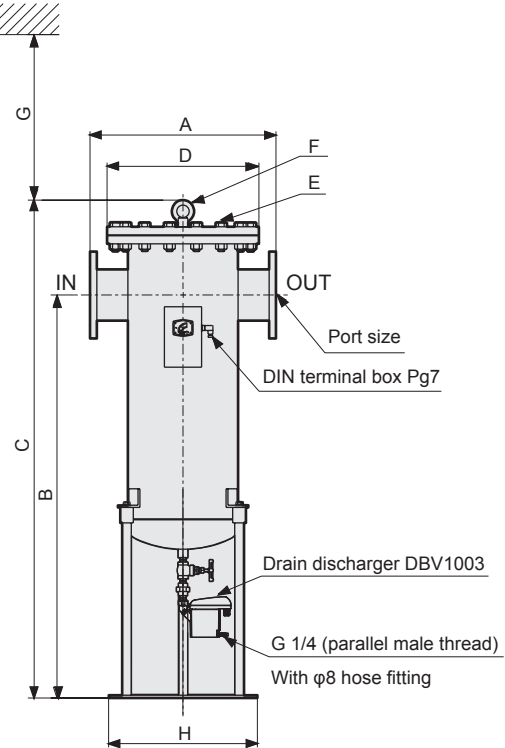
## Dimensions



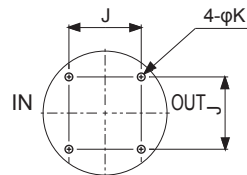
### ● AF5016P



### ● AF5032P to AF5256P

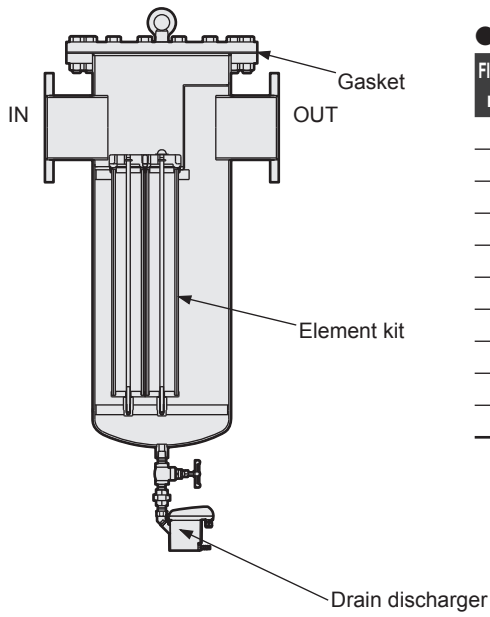


### ● Foundation bolt hole dimension



Model No.	Port size	A	B	C	D	E	F	G	H	J	K
AF5032P-80	Flange 3B	500	1255	1495	φ400	12-M22×80	M12	600	φ380	210	φ15
AF5048P-100	Flange 4B	500	1255	1495	φ400	12-M22×80	M12	600	φ380	210	φ15
AF5064P-100	Flange 4B	550	1270	1522	φ445	16-M22×80	M16	600	φ440	250	φ15
AF5080P-150	Flange 6B	600	1300	1606	φ490	16-M22×80	M20	600	φ480	280	φ15
AF5096P-150	Flange 6B	650	1320	1630	φ560	16-M24×90	M20	600	φ540	320	φ15
AF5128P-150	Flange 6B	700	1350	1693	φ620	20-M24×90	M20	600	φ610	350	φ15
AF5160P-200	Flange 8B	700	1350	1693	φ620	20-M24×90	M20	600	φ610	350	φ15
AF5192P-200	Flange 8B	750	1360	1709	φ675	20-M24×100	M20	600	φ670	400	φ15
AF5256P-200	Flange 8B	850	1400	1786	φ745	20-M30×110	M24	600	φ730	450	φ15

## Repair parts list



● Ordering method

Flow rate classification m <sup>3</sup> /min(ANR)	Gasket	Element kit	Drain discharger
16	AF5016P-GASKET	AF5016P-ELEMENT-KIT	AF-DBV1003-15-AC200V
32	AF5032P-GASKET	AF5032P-ELEMENT-KIT	
48	AF5048P-GASKET	AF5048P-ELEMENT-KIT	
64	AF5064P-GASKET	AF5064P-ELEMENT-KIT	
80	AF5080P-GASKET	AF5080P-ELEMENT-KIT	
96	AF5096P-GASKET	AF5096P-ELEMENT-KIT	
128	AF5128P-GASKET	AF5128P-ELEMENT-KIT	
160	AF5160P-GASKET	AF5160P-ELEMENT-KIT	
192	AF5192P-GASKET	AF5192P-ELEMENT-KIT	
256	AF5256P-GASKET	AF5256P-ELEMENT-KIT	

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etc.

Flow rate sensor



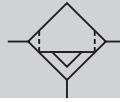
Micro alescercy

# AF5000S Series

Protect expensive pneumatic components

● Flow rate range: 16 to 256 m<sup>3</sup>/min (ANR)

JIS symbol



## Specifications

Model No.	AF5016S-50	AF5032S-80	AF5048S-100	AF5064S-100	AF5080S-150	AF5096S-150	AF5128S-150	AF5160S-200	AF5192S-200	AF5256S-200
Processing air flow rate (*2, *3) m <sup>3</sup> /min (ANR)	16	32	48	64	80	96	128	160	192	256
Working fluid	Compressed air									
Working pressure	MPa 0.08 to 1.0									
Proof pressure	MPa 1.5									
Ambient temperature	°C 5 to 60									
Filtration rating	µm 0.3									
Secondary side oil concentration	mg/m <sup>3</sup> 0.5 (at inlet air 21°C or less)									
Pressure drop	Initial	MPa 0.007								
	Normal	MPa 0.014								
	Element replacement	MPa 0.035								
Element quantity	1	2	3	4	5	6	8	10	12	16
Port size (*1) Flange	2B	3B	4B	4B	6B	6B	6B	8B	8B	8B
Weight	kg 38	76	78	107	140	167	223	232	269	330
<b>Differential pressure switch</b>										
Operating pressure differential	MPa 0.04±0.01									
Contact	1 pole a contact									
Max. contact current	A 0.5									
Max. contact voltage	VDC 200									
Max. contact capacitance	W 10									
Max. contact resistance (including reed switch)	mΩ 300									
<b>Drain discharger (model No.: DBV1003)</b>										
Drain outlet port size	(*4) G 1/4 or φ8 to 10 mm hose fitting									
Power supply	Single phase 200 VAC 50/60 Hz									

\*1: Flange is 10K flange.

\*2: Processing air flow rate is the atmospheric pressure conversion value where the inlet pressure is 0.7 MPa and initial pressure drop is 0.007 MPa.

\*3: ANR indicates conditions of 20°C atmospheric pressure and relative humidity 65%.

\*4: R 1/4 connection is possible with G 1/4.

## Flow rate compensation coefficient

If the working pressure is other than 0.7 MPa, multiply the processing air flow rate by the above coefficient.

Pressure (MPa)	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Compensation coeff	0.38	0.53	0.65	0.76	0.85	0.93	1.0	1.07	1.13	1.2

### How to order

**AF5** **016** **S** - **50** - **X1**

**A** Flow rate classification

**B** Bore size

**C** Option \*1  
\*2  
\*3  
\*5

Code	Content									
<b>A Flow rate classification m<sup>3</sup>/min (ANR)</b>										
<b>016</b>	16									
<b>032</b>	32									
<b>048</b>	48									
<b>064</b>	64									
<b>080</b>	80									
<b>096</b>	96									
<b>128</b>	128									
<b>160</b>	160									
<b>192</b>	192									
<b>256</b>	256									
<b>B Bore size</b>										
Flow rate classification	016	032	048	064	080	096	128	160	192	256
<b>50</b> Flange 2B	●	-	-	-	-	-	-	-	-	-
<b>80</b> Flange 3B	-	●	-	-	-	-	-	-	-	-
<b>100</b> Flange 4B	-	-	●	●	-	-	-	-	-	-
<b>150</b> Flange 6B	-	-	-	-	●	●	●	-	-	-
<b>200</b> Flange 8B	-	-	-	-	-	-	-	●	●	●
<b>C Option</b>										
<b>Blank</b>	Standard products									
<b>D</b>	Drain discharger 5100-4C (*1)									
<b>E</b>	Without drain discharger									
<b>K</b>	Companion flange attached									
<b>H</b>	English language specifications									
<b>H2</b>	SUS nameplate									
<b>L</b>	Foundation bolt/nut attached (SS400) (*2)									
<b>L1</b>	Foundation bolt/nut attached (SUS304) (*2)									
<b>X1</b>	IN/OUT reverse direction (*3)									
<b>Y2</b>	Product photo									

### ⚠ Precautions for model No. selection

- \*1: "D" drain discharger 5100-4C is recommended for working environments where electric wiring is not possible.
- \*2: "L" and "L1" are applicable to AF5032S to AF5256S.
- \*3: Viewed from the front, a standard product has an air inlet on the left port, while an air outlet on the right port. For "X1", an air inlet is provided on the right port, while an air outlet is provided on the left port.
- \*4: Unit performance may not be attained if used at less than the selected pressure. Always select the model No. for the working pressure.
- \*5: When ordering several options, indicate the required options in alphabetical order.

[Example of model No.]

**AF5016S-50-X1**

Model: Main line filter AF5000S Series

- A** Flow rate ..... 16 m<sup>3</sup>/min (ANR)
- B** Bore size ..... Flange 2B
- C** Option ..... IN/OUT reverse direction

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High polymer membrane dryer

Air filter

Drain discharger, etc.

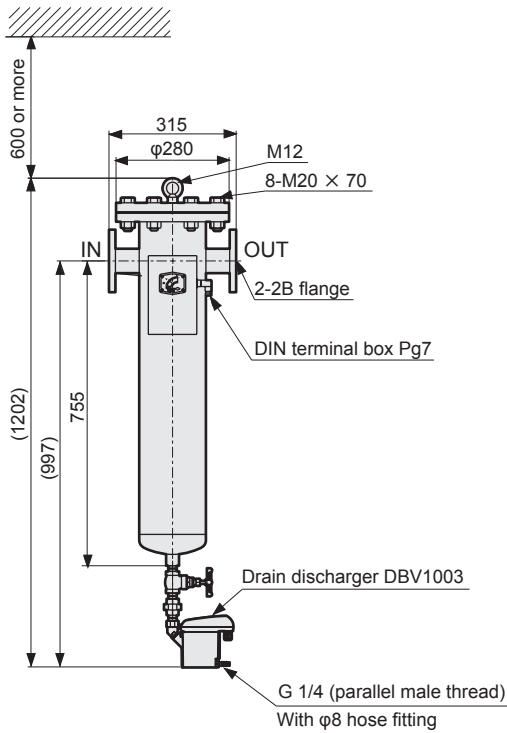
Flow rate sensor

# AF5000S Series

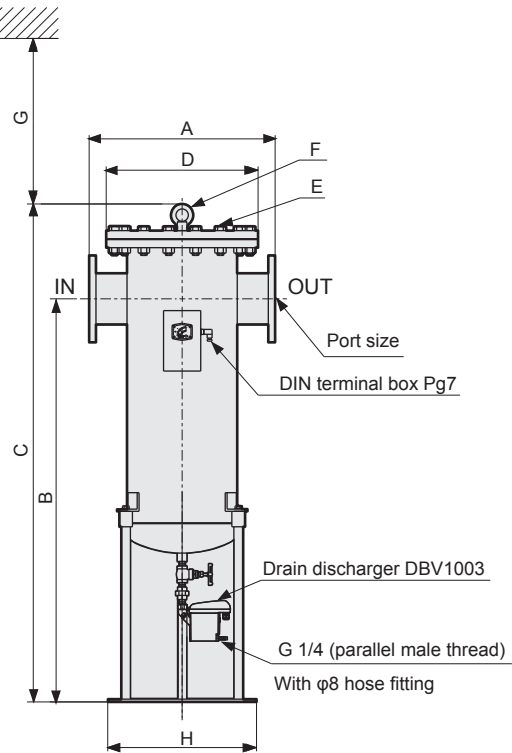
## Dimensions



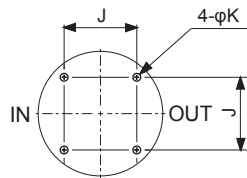
### ● AF5016S



### ● AF5032S to AF5256S

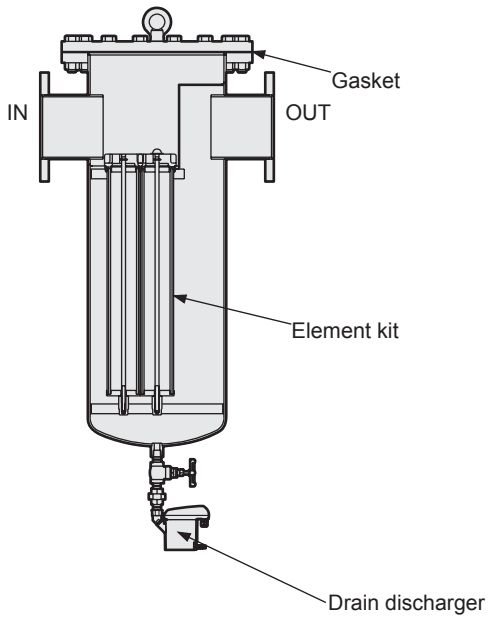


### ● Foundation bolt hole dimension



Model No.	Port size	A	B	C	D	E	F	G	H	J	K
AF5032S-80	Flange 3B	500	1255	1495	$\phi 400$	12-M22 $\times$ 80	M12	600	$\phi 380$	210	$\phi 15$
AF5048S-100	Flange 4B	500	1255	1495	$\phi 400$	12-M22 $\times$ 80	M12	600	$\phi 380$	210	$\phi 15$
AF5064S-100	Flange 4B	550	1270	1522	$\phi 445$	16-M22 $\times$ 80	M16	600	$\phi 440$	250	$\phi 15$
AF5080S-150	Flange 6B	600	1300	1606	$\phi 490$	16-M22 $\times$ 80	M20	600	$\phi 480$	280	$\phi 15$
AF5096S-150	Flange 6B	650	1320	1630	$\phi 560$	16-M24 $\times$ 90	M20	600	$\phi 540$	320	$\phi 15$
AF5128S-150	Flange 6B	700	1350	1693	$\phi 620$	20-M24 $\times$ 90	M20	600	$\phi 610$	350	$\phi 15$
AF5160S-200	Flange 8B	700	1350	1693	$\phi 620$	20-M24 $\times$ 90	M20	600	$\phi 610$	350	$\phi 15$
AF5192S-200	Flange 8B	750	1360	1709	$\phi 675$	20-M24 $\times$ 100	M20	600	$\phi 670$	400	$\phi 15$
AF5256S-200	Flange 8B	850	1400	1786	$\phi 745$	20-M30 $\times$ 110	M24	600	$\phi 730$	450	$\phi 15$

## Repair parts list



● Ordering method

Flow rate classification m <sup>3</sup> /min(ANR)	Gasket	Element kit	Drain discharger
16	AF5016P-GASKET	AF5016S-ELEMENT-KIT	AF-DBV1003-15-AC200V
32	AF5032P-GASKET	AF5032S-ELEMENT-KIT	
48	AF5048P-GASKET	AF5048S-ELEMENT-KIT	
64	AF5064P-GASKET	AF5064S-ELEMENT-KIT	
80	AF5080P-GASKET	AF5080S-ELEMENT-KIT	
96	AF5096P-GASKET	AF5096S-ELEMENT-KIT	
128	AF5128P-GASKET	AF5128S-ELEMENT-KIT	
160	AF5160P-GASKET	AF5160S-ELEMENT-KIT	
192	AF5192P-GASKET	AF5192S-ELEMENT-KIT	
256	AF5256P-GASKET	AF5256S-ELEMENT-KIT	

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Flow rate sensor





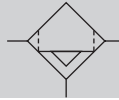
Micro alescercy

# AF5000M Series

For pneumatic pressure circuits which are susceptible to oil

● Flow rate range: 16 to 256 m<sup>3</sup>/min (ANR)

JIS symbol



## Specifications

Model No.	AF5016M-50	AF5032M-80	AF5048M-100	AF5064M-100	AF5080M-150	AF5096M-150	AF5128M-150	AF5160M-200	AF5192M-200	AF5256M-200
Processing air flow rate (*2, *3) m <sup>3</sup> /min (ANR)	16	32	48	64	80	96	128	160	192	256
Working fluid	Compressed air									
Working pressure MPa	0.08 to 1.0									
Proof pressure MPa	1.5									
Ambient temperature °C	5 to 60									
Filtration rating μm	0.01									
Secondary side oil concentration mg/m <sup>3</sup>	0.01 (at inlet air 21°C or less)									
Pressure drop	Initial MPa	0.01								
	Normal MPa	0.02								
	Element replacement MPa	0.035								
Element quantity	1	2	3	4	5	6	8	10	12	16
Port size (*1) Flange	2B	3B	4B	4B	6B	6B	6B	8B	8B	8B
Weight kg	38	76	78	107	140	167	223	232	269	330
<b>Differential pressure switch</b>										
Operating pressure differential MPa	0.04±0.01									
Contact	1 pole a contact									
Max. contact current A	0.5									
Max. contact voltage VDC	200									
Max. contact capacitance W	10									
Max. contact resistance (including reed switch) mΩ	300									
<b>Drain discharger (model No.: 5100-4C)</b>										
Drain outlet port size	Rc 1/4									

\*1: Flange is 10K flange.

\*2: Processing air flow rate is the atmospheric pressure conversion value where the inlet pressure is 0.7 MPa and initial pressure drop is 0.01 MPa.

\*3: ANR indicates conditions of 20°C atmospheric pressure and relative humidity 65%.

## Flow rate compensation coefficient

If the working pressure is other than 0.7 MPa, multiply the processing air flow rate by the above coefficient.

Pressure (MPa)	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Compensation coeff	0.38	0.53	0.65	0.76	0.85	0.93	1.0	1.07	1.13	1.2

### How to order

**AF5** **016** **M** - **50** - **X1**

**A** Flow rate classification

**B** Bore size

**C** Option \*1  
\*2  
\*4

Code	Content
<b>A Flow rate classification m<sup>3</sup>/min (ANR)</b>	
016	16
032	32
048	48
064	64
080	80
096	96
128	128
160	160
192	192
256	256

<b>B Bore size</b>		016	032	048	064	080	096	128	160	192	256
Flow rate classification											
50	Flange 2B	●	-	-	-	-	-	-	-	-	-
80	Flange 3B	-	●	-	-	-	-	-	-	-	-
100	Flange 4B	-	-	●	●	-	-	-	-	-	-
150	Flange 6B	-	-	-	-	●	●	●	-	-	-
200	Flange 8B	-	-	-	-	-	-	-	●	●	●

<b>C Option</b>	
<b>Blank</b>	Standard products
<b>E</b>	Without drain discharger
<b>K</b>	Companion flange attached
<b>H</b>	English language specifications
<b>H2</b>	SUS nameplate
<b>L</b>	Foundation bolt/nut attached (SS400) (*1)
<b>L1</b>	Foundation bolt/nut attached (SUS304) (*1)
<b>X1</b>	IN/OUT reverse direction (*3)
<b>Y2</b>	Product photo

### ⚠ Precautions for model No. selection

- \*1: "L" and "L1" are applicable to AF5032M to AF5256M.
- \*2: Viewed from the front, a standard product has an air inlet on the left port, while an air outlet on the right port. For "X1", an air inlet is provided on the right port, while an air outlet is provided on the left port.
- \*3: Unit performance may not be attained if used at less than the selected pressure. Always select the model No. for the working pressure.
- \*4: When ordering several options, indicate the required options in alphabetical order.

[Example of model No.]

### **AF5016M-50-X1**

Model: Main line filter AF5000M Series

- A** Flow rate ..... 16 m<sup>3</sup>/min (ANR)
- B** Bore size ..... Flange 2B
- C** Option ..... IN/OUT reverse direction

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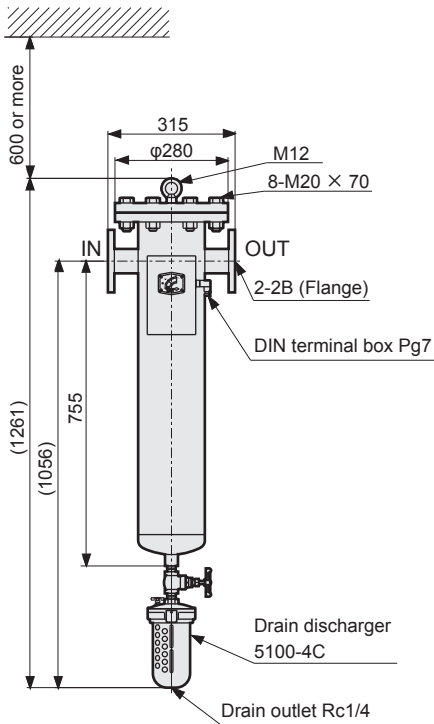
Flow rate sensor

# AF5000M Series

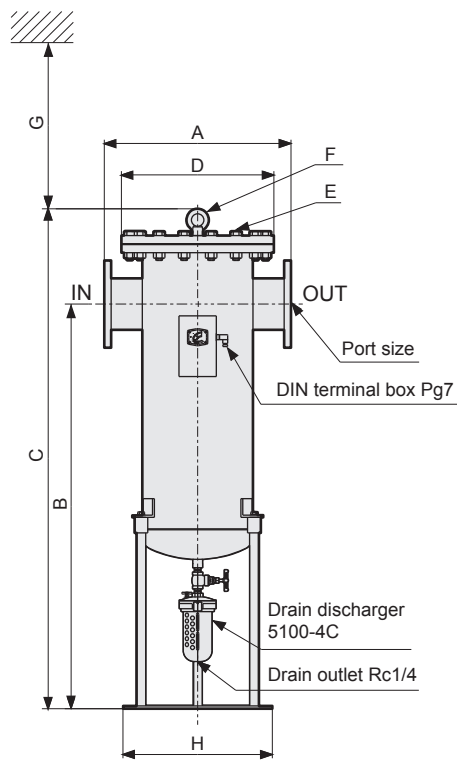
## Dimensions



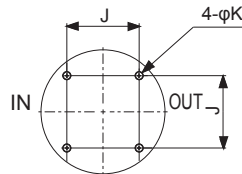
### ● AF5016M



### ● AF5032M to AF5256M

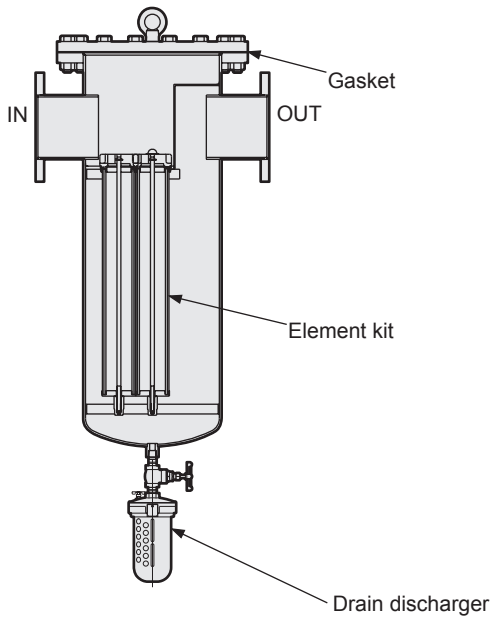


### ● Foundation bolt hole dimension



Model No.	Port size	A	B	C	D	E	F	G	H	J	K
AF5032M-80	Flange 3B	500	1255	1495	$\phi 400$	12-M22 $\times$ 80	M12	600	$\phi 380$	210	$\phi 15$
AF5048M-100	Flange 4B	500	1255	1495	$\phi 400$	12-M22 $\times$ 80	M12	600	$\phi 380$	210	$\phi 15$
AF5064M-100	Flange 4B	550	1270	1522	$\phi 445$	16-M22 $\times$ 80	M16	600	$\phi 440$	250	$\phi 15$
AF5080M-150	Flange 6B	600	1300	1606	$\phi 490$	16-M22 $\times$ 80	M20	600	$\phi 480$	280	$\phi 15$
AF5096M-150	Flange 6B	650	1320	1630	$\phi 560$	16-M24 $\times$ 90	M20	600	$\phi 540$	320	$\phi 15$
AF5128M-150	Flange 6B	700	1350	1693	$\phi 620$	20-M24 $\times$ 90	M20	600	$\phi 610$	350	$\phi 15$
AF5160M-200	Flange 8B	700	1350	1693	$\phi 620$	20-M24 $\times$ 90	M20	600	$\phi 610$	350	$\phi 15$
AF5192M-200	Flange 8B	750	1360	1709	$\phi 675$	20-M24 $\times$ 100	M20	600	$\phi 670$	400	$\phi 15$
AF5256M-200	Flange 8B	850	1400	1786	$\phi 745$	20-M30 $\times$ 110	M24	600	$\phi 730$	450	$\phi 15$

## Repair parts list



● Ordering method

Flow rate classification m <sup>3</sup> /min(ANR)	Gasket	Element kit	Drain discharger
16	AF5016P-GASKET	AF5016M-ELEMENT-KIT	5100-4C
32	AF5032P-GASKET	AF5032M-ELEMENT-KIT	
48	AF5048P-GASKET	AF5048M-ELEMENT-KIT	
64	AF5064P-GASKET	AF5064M-ELEMENT-KIT	
80	AF5080P-GASKET	AF5080M-ELEMENT-KIT	
96	AF5096P-GASKET	AF5096M-ELEMENT-KIT	
128	AF5128P-GASKET	AF5128M-ELEMENT-KIT	
160	AF5160P-GASKET	AF5160M-ELEMENT-KIT	
192	AF5192P-GASKET	AF5192M-ELEMENT-KIT	
256	AF5256P-GASKET	AF5256M-ELEMENT-KIT	

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Refrigeration  
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dryer

High polymer  
membrane dryer

Air filter

Drain discharger,  
etc.

Flow rate sensor



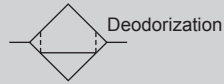
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# AF5000X Series

For pneumatic pressure circuits which are susceptible to odors

● Flow rate range: 16 to 256 m<sup>3</sup>/min (ANR)

JIS symbol



## Specifications

Model No.	AF5016X-50	AF5032X-80	AF5048X-100	AF5064X-100	AF5080X-150	AF5096X-150	AF5128X-150	AF5160X-200	AF5192X-200	AF5256X-200
Processing air flow rate (*2, *3) m <sup>3</sup> /min (ANR)	16	32	48	64	80	96	128	160	192	256
Working fluid	Compressed air									
Working pressure MPa	0.08 to 1.0									
Proof pressure MPa	1.5									
Ambient temperature °C	5 to 30									
Filtration method	Suction by activated carbon									
Secondary side oil concentration mg/m <sup>3</sup>	0.003 (at inlet air 21°C or less)									
Initial pressure drop MPa	Within 0.007									
Element quantity	1	2	3	4	5	6	8	10	12	16
Port size (*1) Flange	2B	3B	4B	4B	6B	6B	6B	8B	8B	8B
Weight kg	38	76	78	107	140	167	223	232	269	330

\*1: Flange is 10K flange.

\*2: Processing air flow rate is the atmospheric pressure conversion value where the inlet pressure is 0.7 MPa and initial pressure drop is 0.007 MPa.

\*3: ANR indicates conditions of 20°C atmospheric pressure and relative humidity 65%.

## Flow rate compensation coefficient

If the working pressure is other than 0.7 MPa, multiply the processing air flow rate by the above coefficient.

Pressure (MPa)	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Compensation coeff	0.38	0.53	0.65	0.76	0.85	0.93	1.0	1.07	1.13	1.2

How to order

**AF5** **016** **X** - **50** - **X1**

**A** Flow rate classification

**B** Bore size

**C** Option \*1  
\*2  
\*4

Code	Content
<b>A Flow rate classification m<sup>3</sup>/min (ANR)</b>	
016	16
032	32
048	48
064	64
080	80
096	96
128	128
160	160
192	192
256	256

<b>B Bore size</b>		016	032	048	064	080	096	128	160	192	256
Flow rate classification											
50	Flange 2B	●	-	-	-	-	-	-	-	-	-
80	Flange 3B	-	●	-	-	-	-	-	-	-	-
100	Flange 4B	-	-	●	●	-	-	-	-	-	-
150	Flange 6B	-	-	-	-	●	●	●	-	-	-
200	Flange 8B	-	-	-	-	-	-	-	●	●	●

<b>C Option</b>	
<b>Blank</b>	Standard products
<b>K</b>	Companion flange attached
<b>H</b>	English language specifications
<b>H2</b>	SUS nameplate
<b>L</b>	Foundation bolt/nut attached (SS400) (*1)
<b>L1</b>	Foundation bolt/nut attached (SUS304) (*1)
<b>X1</b>	IN/OUT reverse direction (*2)
<b>Y2</b>	Product photo

### ⚠ Precautions for model No. selection

- \*1: "L" and "L1" are applicable to AF5032X to AF5256X.
- \*2: Viewed from the front, a standard product has an air inlet on the left port, while an air outlet on the right port. For "X1", an air inlet is provided on the right port, while an air outlet is provided on the left port.
- \*3: Unit performance may not be attained if used at less than the selected pressure. Always select the model No. for the working pressure.
- \*4: When ordering several options, indicate the required options in alphabetical order.

[Example of model No.]

**AF5016X-50-X1**

Model: Main line filter AF5000X Series

- A** Flow rate ..... 16 m<sup>3</sup>/min (ANR)
- B** Bore size ..... Flange 2B
- C** Option ..... IN/OUT reverse direction

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Dryer system list

Refrigeration dryer

Desiccant dryer

High polymer membrane dryer

Air filter

Drain discharger, etc.

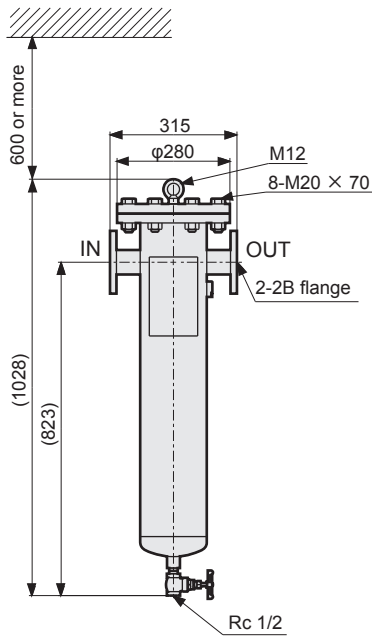
Flow rate sensor

# AF5000X Series

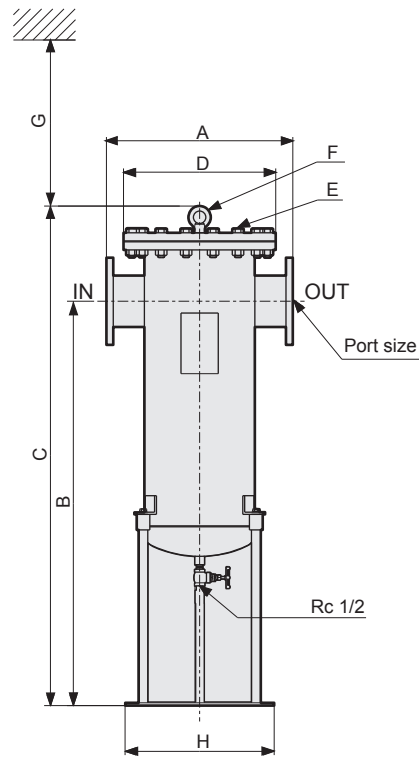
## Dimensions



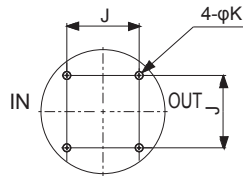
### ● AF5016X



### ● AF5032X to AF5256X

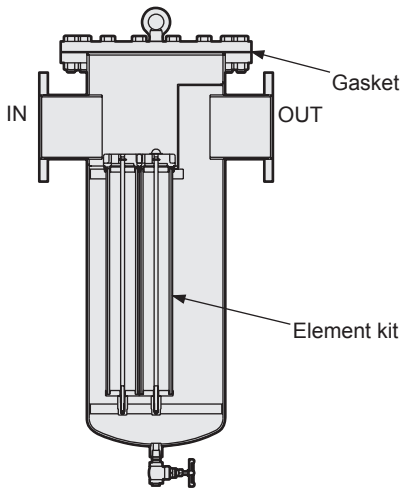


### ● Foundation bolt hole dimension



Model No.	Port size	A	B	C	D	E	F	G	H	J	K
AF5032X-80	Flange 3B	500	1255	1495	$\phi 400$	12-M22 x 80	M12	600	$\phi 380$	210	$\phi 15$
AF5048X-100	Flange 4B	500	1255	1495	$\phi 400$	12-M22 x 80	M12	600	$\phi 380$	210	$\phi 15$
AF5064X-100	Flange 4B	550	1270	1522	$\phi 445$	16-M22 x 80	M16	600	$\phi 440$	250	$\phi 15$
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AF5128X-150	Flange 6B	700	1350	1693	$\phi 620$	20-M24 x 90	M20	600	$\phi 610$	350	$\phi 15$
AF5160X-200	Flange 8B	700	1350	1693	$\phi 620$	20-M24 x 90	M20	600	$\phi 610$	350	$\phi 15$
AF5192X-200	Flange 8B	750	1360	1709	$\phi 675$	20-M24 x 100	M20	600	$\phi 670$	400	$\phi 15$
AF5256X-200	Flange 8B	850	1400	1786	$\phi 745$	20-M30 x 110	M24	600	$\phi 730$	450	$\phi 15$

## Repair parts list



● Ordering method

Flow rate classification m <sup>3</sup> /min(ANR)	Gasket	Element kit
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96	AF5096P-GASKET	AF5096X-ELEMENT-KIT
128	AF5128P-GASKET	AF5128X-ELEMENT-KIT
160	AF5160P-GASKET	AF5160X-ELEMENT-KIT
192	AF5192P-GASKET	AF5192X-ELEMENT-KIT
256	AF5256P-GASKET	AF5256X-ELEMENT-KIT

\*1: Drain discharger  
AF5000X: none

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