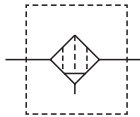


# MAMM series 0.01 μm

## AIR UNIT (MICRO MIST FILTER)

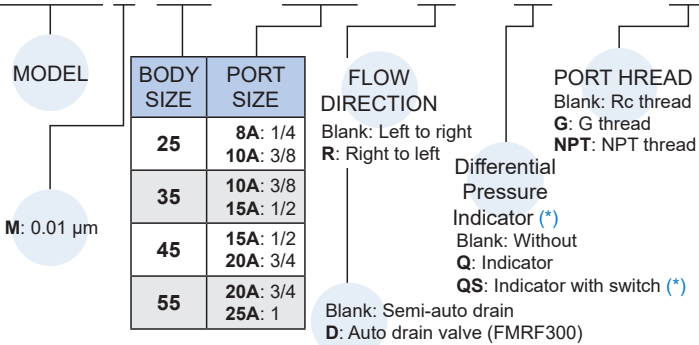


### Symbol



### Order example

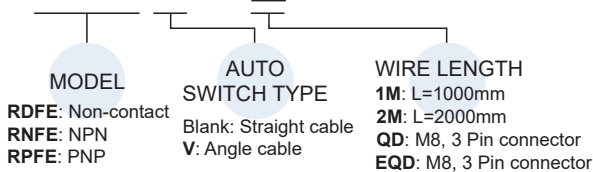
**MAMM 45 – 15A – D □ – Q – □**



- \* Please add the sensor when selecting Indicator with switch (QS).
- \* The models without Indicator (Q) and Indicator with switch (QS) type don't have the installation thread holes.

### Order example of sensor switch

**RDFE V – □**



### Dimensions \* Please refer to page 4-152.

### Features

Removing the oil mist and impurities which the particles are bigger than 0.01μm in compressed air. The filter can be applied to requirement of high purity and extremely low oil mist.

### Maintenance

Replace filter element at least once per year or when pressure drop reaches 0.07 MPa.

### Specification

Model	MAMM							
Body size	25		35		45		55	
Bore No.	8A	10A	10A	15A	15A	20A	20A	25A
Port size	1/4	3/8	3/8	1/2	1/2	3/4	3/4	1
Medium	Air							
Operating pressure range (*)	0.05~1 MPa							
Proof pressure	1.5 MPa							
Ambient temperature	– 5~+60°C (No freezing)							
Filter element	0.01 μm							
Attachment	L-type bracket							
Sensor switch	RDFE(V) (Refer to page 7-12)							
Weight	610 g		870 g		1450 g		2250 g	

\* Standard unit contains semi-auto-drain function when operating pressure below 0.05 MPa.

\* Choose auto-drain FMRF300, the pressure range is 0.15~1 MPa.

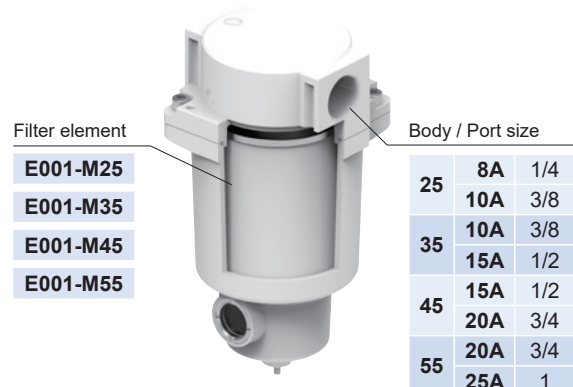
### Selector table – Filter element

Model	Port size	Filter element *1	Residual oil content *2	Nominal flow capacity *3 l/min(ANR)	Symbol for order
MAMM25	1/4, 3/8	E001: 0.01μm (filtration efficiency 99.9%)	< 0.01 mg/m <sup>3</sup>	500	E001-M25
MAMM35	3/8, 1/2			1000	E001-M35
MAMM45	1/2, 3/4			2000	E001-M45
MAMM55	3/4, 1			3600	E001-M55

\*1. Tested according to ISO8573.

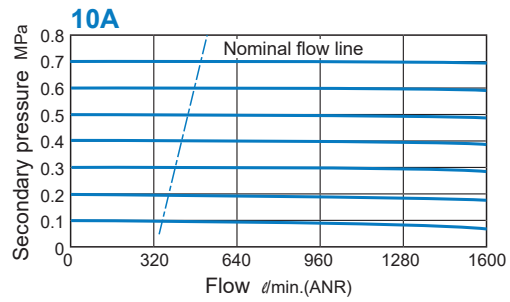
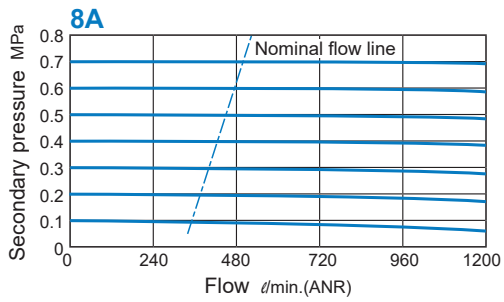
\*2. Tested according to ISO12500-1, inlet concentration 10mg/m<sup>3</sup>

\*3. Nominal flow capacity is at 0.7 MPa, and it varies depending on the operating pressure. If flow rate is over nominal flow capacity, may not meet the specifications of the product.

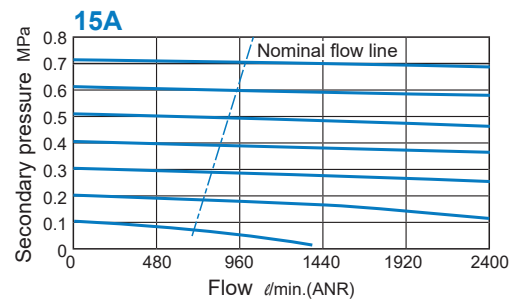
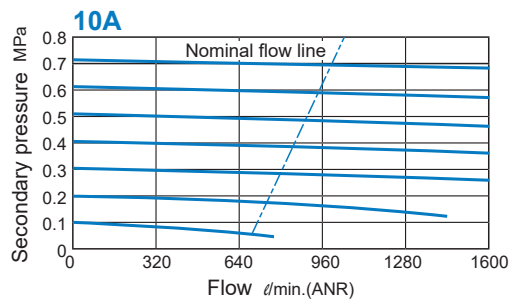


**!** If flow rate is over nominal flow capacity, may not meet the specifications of the product.

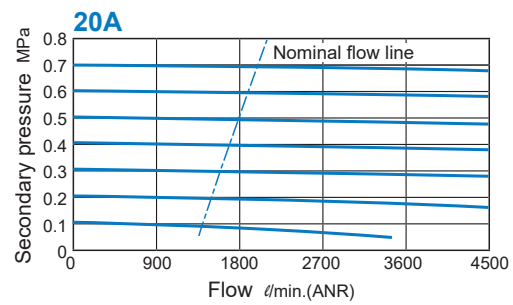
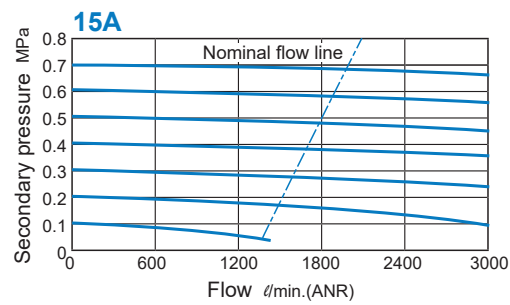
### MAMM25



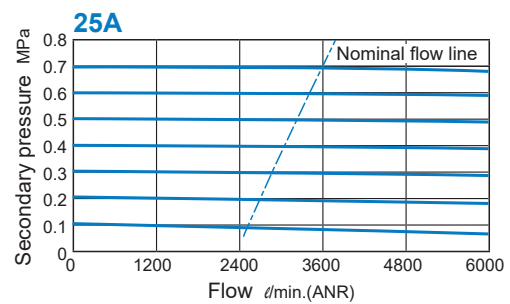
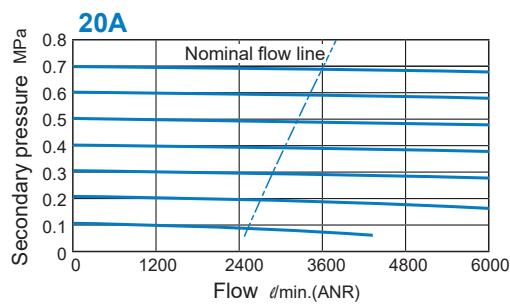
### MAMM35

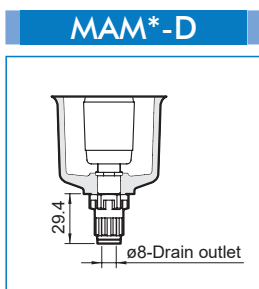
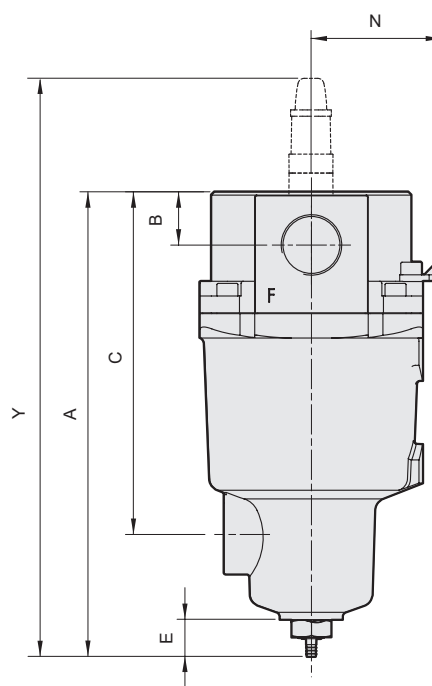
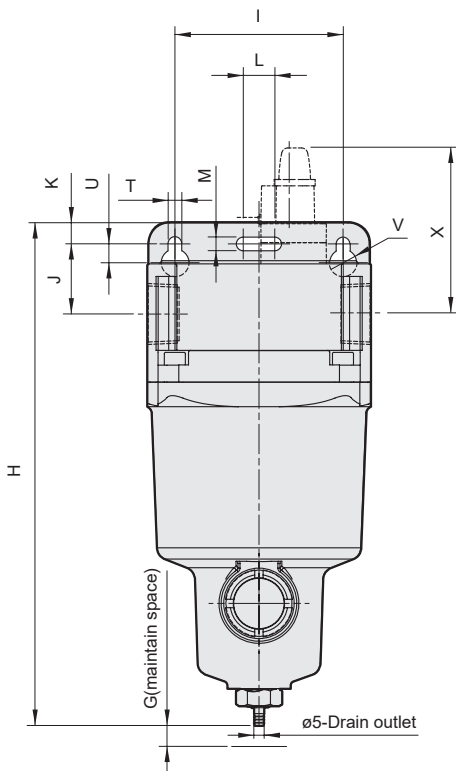
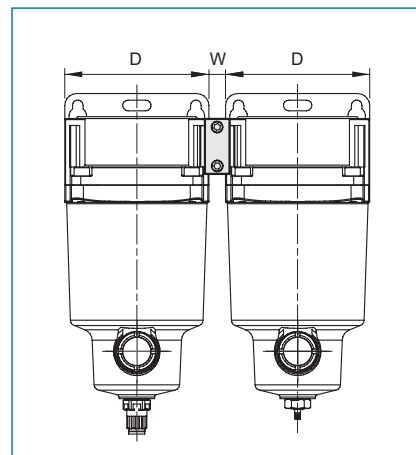
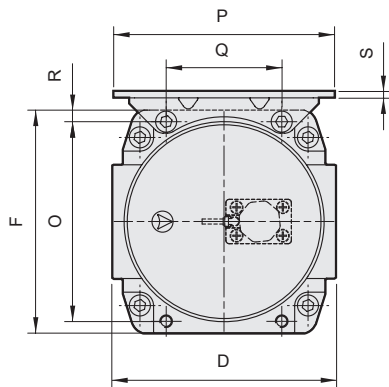


### MAMM45



### MAMM55



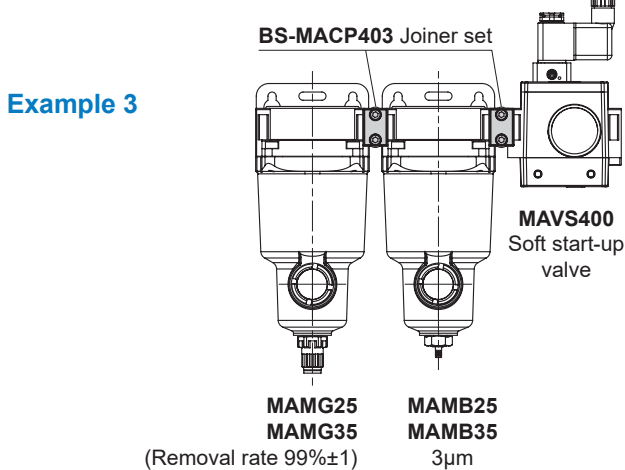
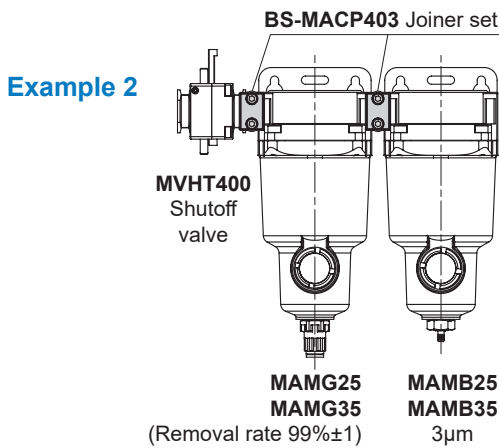
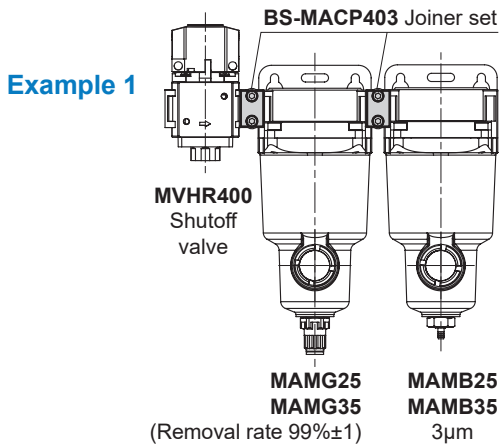


Code Model	Port size	A	B	C	D	E	F	G	H	I	J	K	T	U	L	M	V	N	O	P	Q	R	S	W	X	Y
<b>MAM*25</b>	1/4", 3/8"	171.6	16.5	113.5	76	17.6	76	10	187.1	66	24	8	6	6	6	6	10	47	68.5	80	35	3.8	2	10	71.5	226.6
<b>MAM*35</b>	3/8", 1/2"	199.1	16.5	141	90	17.6	90	10	218.6	80	28	8	7	7	7	7	12	53.4	80.5	95	44	4.8	2.3	10	71.5	254.1
<b>MAM*45</b>	1/2", 3/4"	221.1	25.2	163	106	17.6	106	10	236.9	90	31	10	9	9	9	9	15	62	95	111	55	5.5	3.2	14	80.2	276.1
<b>MAM*55</b>	3/4", 1"	256.1	25.2	198.5	122	17.6	122	10	275.6	100	34.7	10	9	9	15	9	15	72	106	122	63	8	3.2	14	80.2	311.1

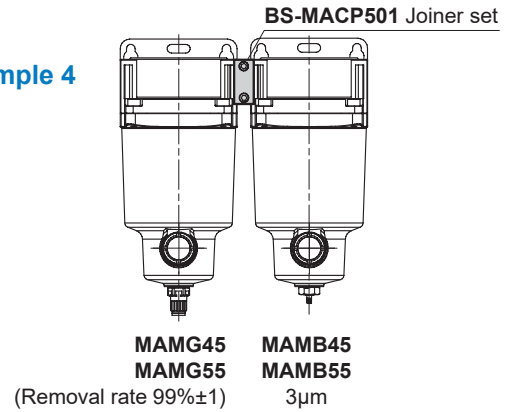
### Available components (Option)

Model	Joiner set	Air unit	Shutoff valve	Soft start-up valve
MAM*25	BS-MACP403	MA*401-W MA*403	MVHR400	MAVS400
MAM*35			MVHT400	
MAM*45	BS-MACP501	MA*501	–	–
MAM*55			–	

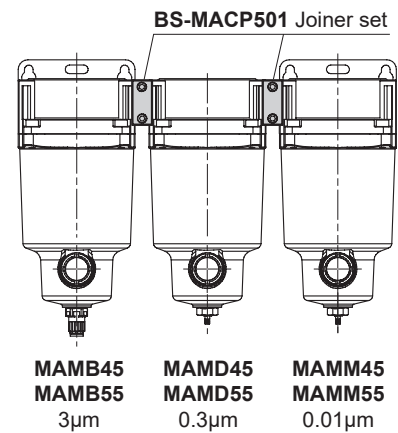
- Space-saving.
- Various combinations available.
- Easy assembly (DIY).



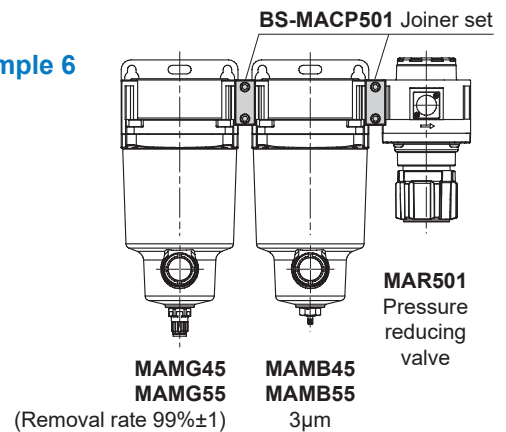
**Example 4**



**Example 5**



**Example 6**



**Example 7**

