

# MAMD series 0.3 μm

## AIR UNIT (MIST FILTER)



### Features

Removing the oil mist and impurities which the particles are bigger than 0.3μm in compressed air.

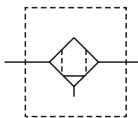
### Maintenance

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

### Specification

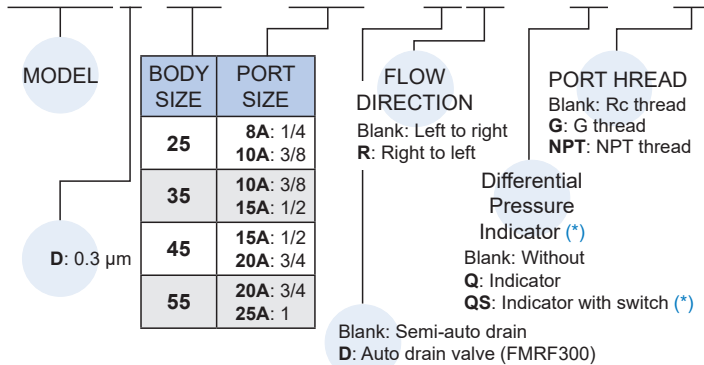
Model	MAMD							
Body size	25	35	45	55				
Bore No.	8A	10A	10A	15A	15A	20A	20A	25A
Port size	1/4	3/8	3/8	1/2	1/2	3/4	3/4	1
Medium	Air							
Operating pressure range (*)	0.05~1 MPa							
Proof pressure	1.5 MPa							
Ambient temperature	- 5~+60°C (No freezing)							
Filter element	0.3 μm							
Attachment	L-type bracket							
Sensor switch	RDFE(V) (Refer to page 7-12)							
Weight	610 g	870 g	1450 g	2250 g				

### Symbol



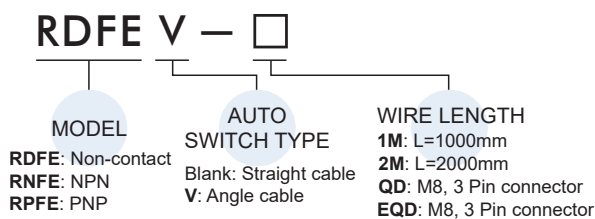
### Order example

**MAMD 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



### Dimensions

\* Please refer to page 4-152.

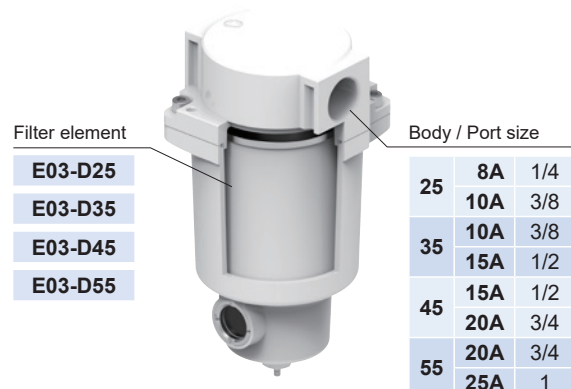
### Selector table – Filter element

Model	Port size	Filter element *1	Residual oil content *2	Nominal flow capacity *3 l/min(ANR)	Symbol for order
MAMD25	1/4, 3/8	E03: 0.3μm (filtration efficiency 99.9%)	< 0.1 mg/m <sup>3</sup>	650	E03-D25
MAMD35	3/8, 1/2			1350	E03-D35
MAMD45	1/2, 3/4			2100	E03-D45
MAMD55	3/4, 1			3600	E03-D55

\*1. Tested according to ISO8573.

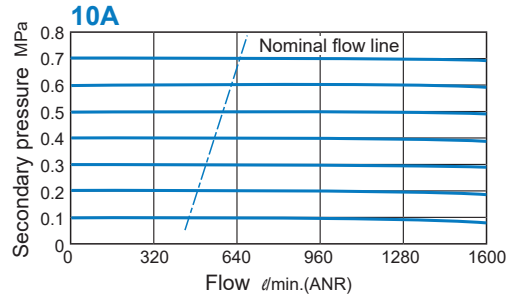
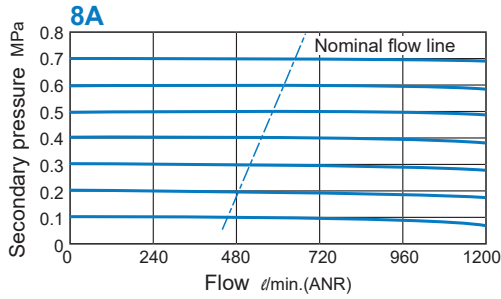
\*2. Tested according to ISO12500-1, inlet concentration 10mg/m<sup>3</sup>

\*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.

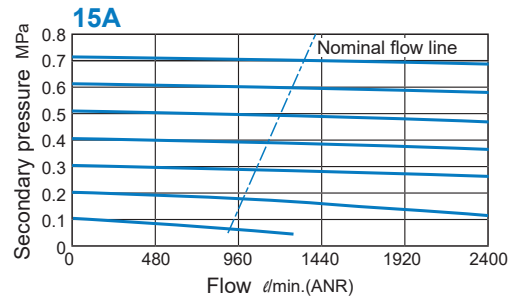
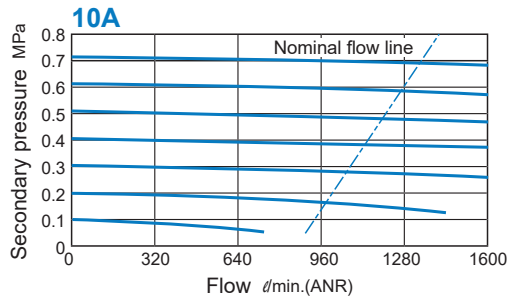


**!** If flow rate is over nominal flow capacity, may not meet the specifications of the product.

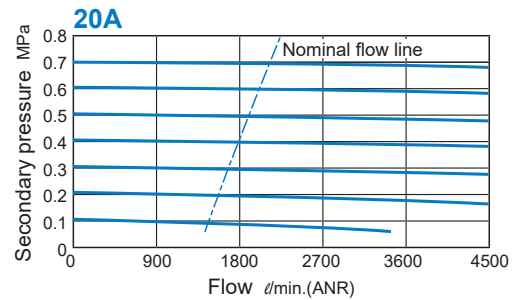
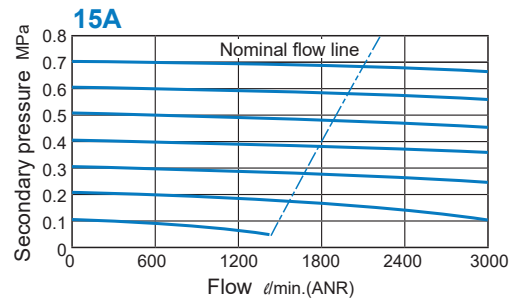
### MAMD25



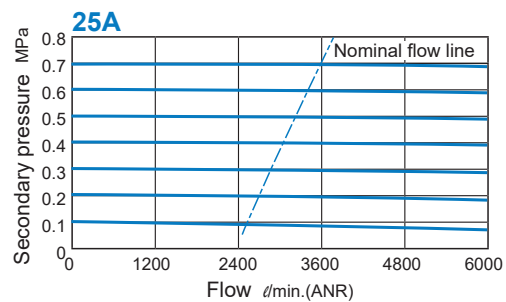
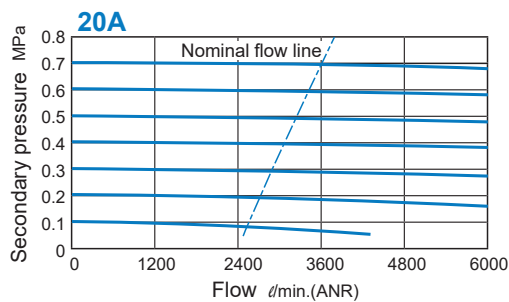
### MAMD35

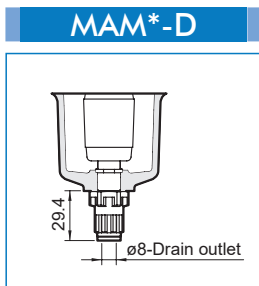
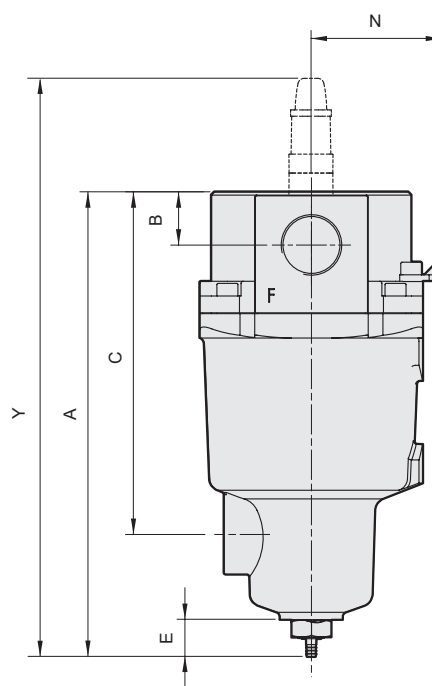
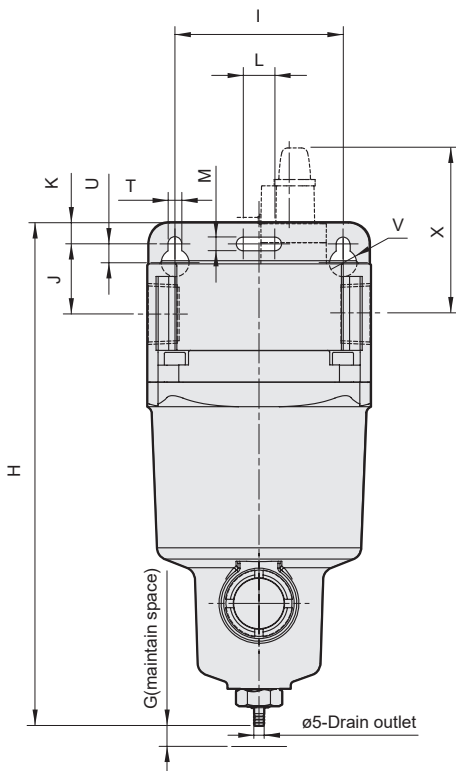
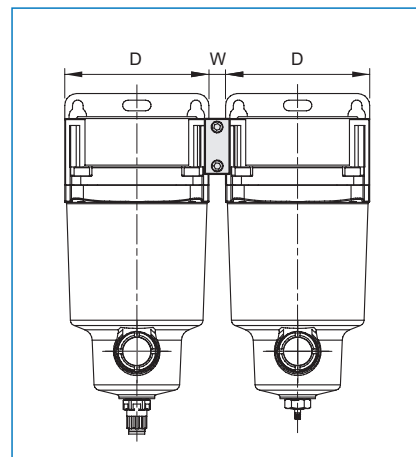
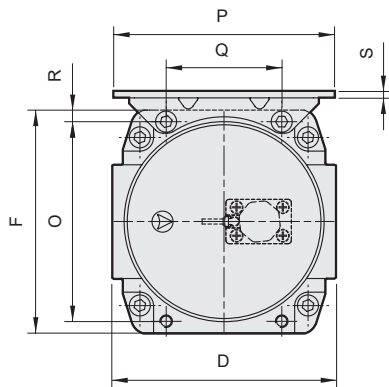


### MAMD45



### MAMD55



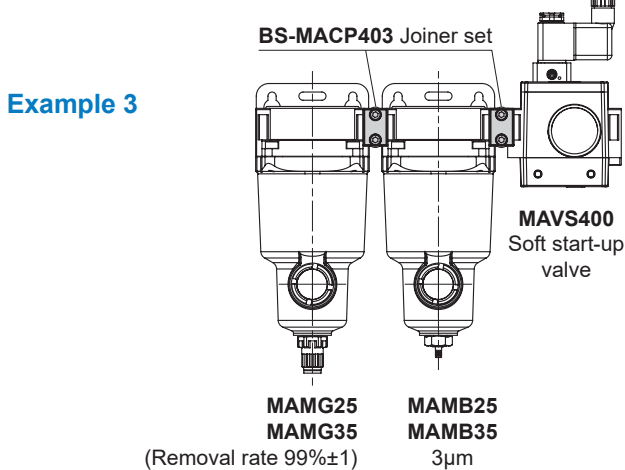
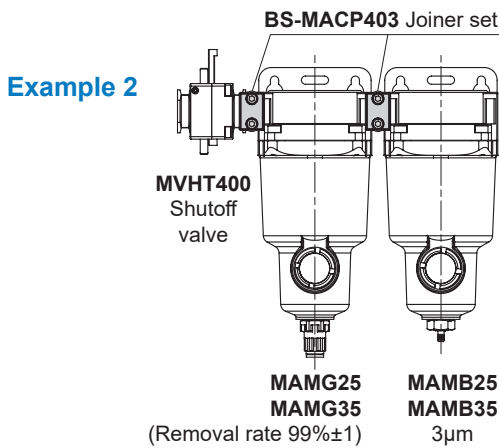
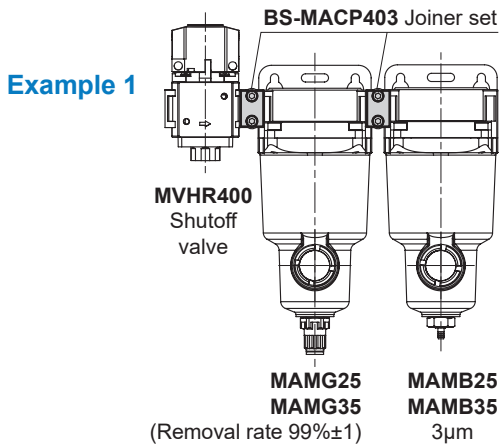


Code Model	Port size	A	B	C	D	E	F	G	H	I	J	K	T	U	L	M	V	N	O	P	Q	R	S	W	X	Y
MAM*25	1/4", 3/8"	171.6	16.5	113.5	76	17.6	76	10	187.1	66	24	8	6	6	6	6	10	47	68.5	80	35	3.8	2	10	71.5	226.6
MAM*35	3/8", 1/2"	199.1	16.5	141	90	17.6	90	10	218.6	80	28	8	7	7	7	7	12	53.4	80.5	95	44	4.8	2.3	10	71.5	254.1
MAM*45	1/2", 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
MAM*55	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

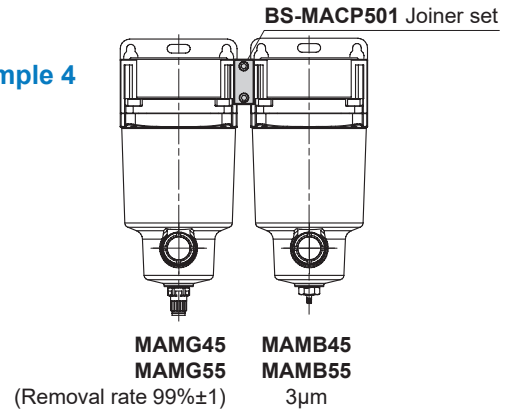
### Available components (Option)

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

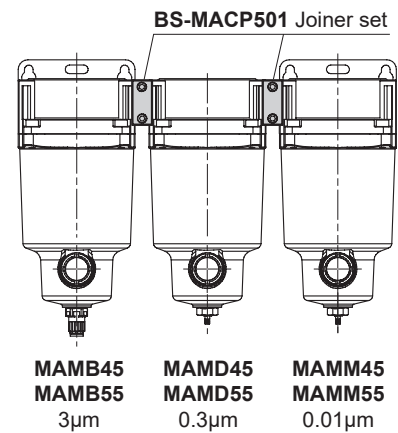
- Space-saving.
- Various combinations available.
- Easy assembly (DIY).



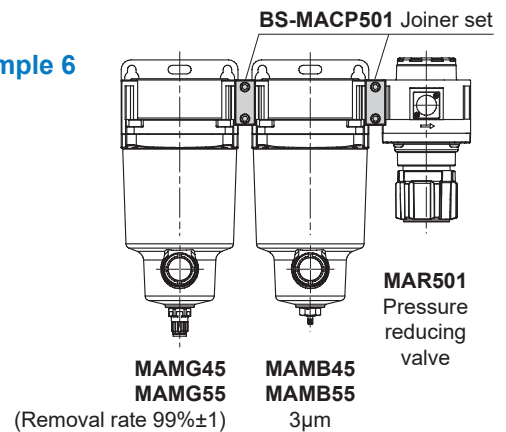
**Example 4**



**Example 5**



**Example 6**



**Example 7**

