



## How to Order

### AME650/850

**AME** **650** - **10** - - -

#### Body size

650
850

#### Thread type

Symbol	Type
Nil	Rc
F	G
N	NPT

#### Port size

Symbol	Size	Applicable body size	
		650	850
10	1	●	—
14	1 1/2	●	●
20	2	—	●

#### Made to Order

("How to Order" and the applicable models are different from those shown on this page. Be sure to refer to the page "Made to Order".)

Symbol	Description	Page for details
Nil	—	—
X12	White vaseline specifications	P.70

#### Option

Symbol	Description
Nil	—
R	IN-OUT reversal direction

#### Accessory

Symbol	Description
Nil	—
B	Bracket*

\* Bracket is included, (but not assembled).



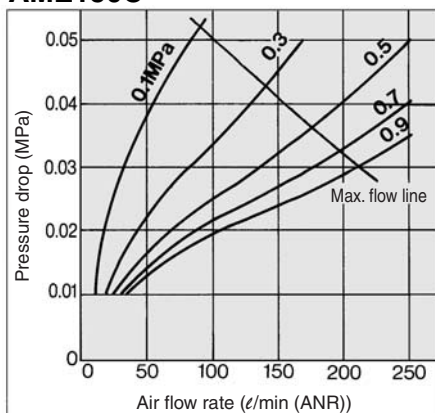
Note) Refer to "How to Order Bowl Assembly" on page 63.

## Flow Characteristics (Element initial condition)

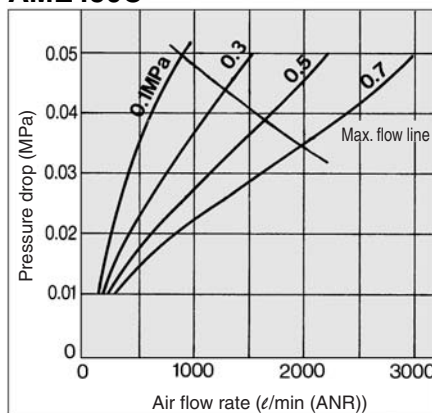


Note) Compressed air over max. flow line in the table below may not meet the specifications of the product.  
It may cause damage to the element.

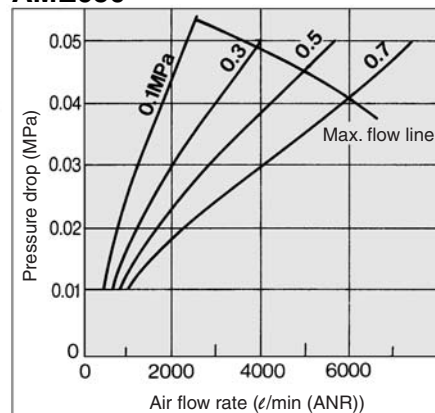
**AME150C**



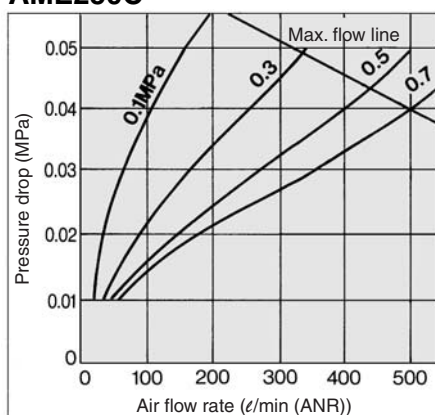
**AME450C**



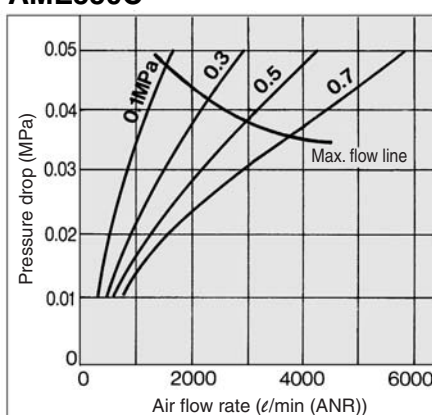
**AME650**



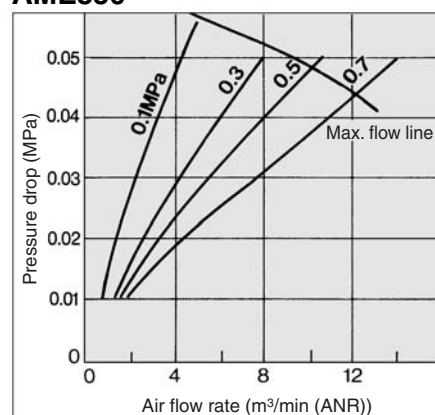
**AME250C**



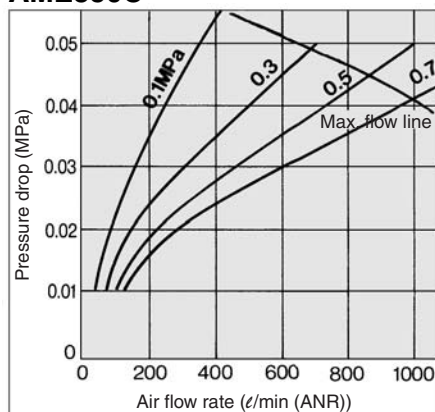
**AME550C**



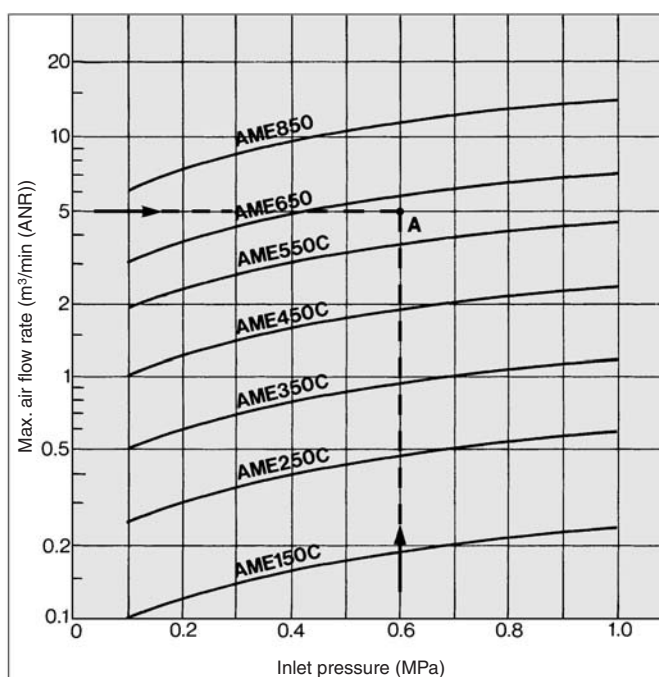
**AME850**



**AME350C**



## Maximum Air Flow



## Model Selection

Select a model in accordance with the following procedure taking the inlet pressure and the max. air flow rate into consideration.

(Example) Inlet pressure: 0.6 MPa

Max. air flow rate: 5 m³/min (ANR)

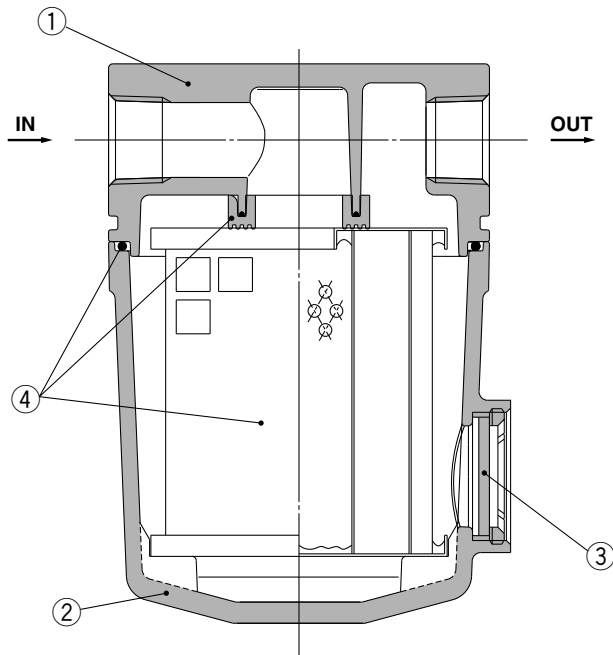
1. Obtain the intersecting point A of inlet pressure and max. air flow rate in the graph.
2. The AME650 is obtained when the max. flow line is above the intersecting point A in the graph.



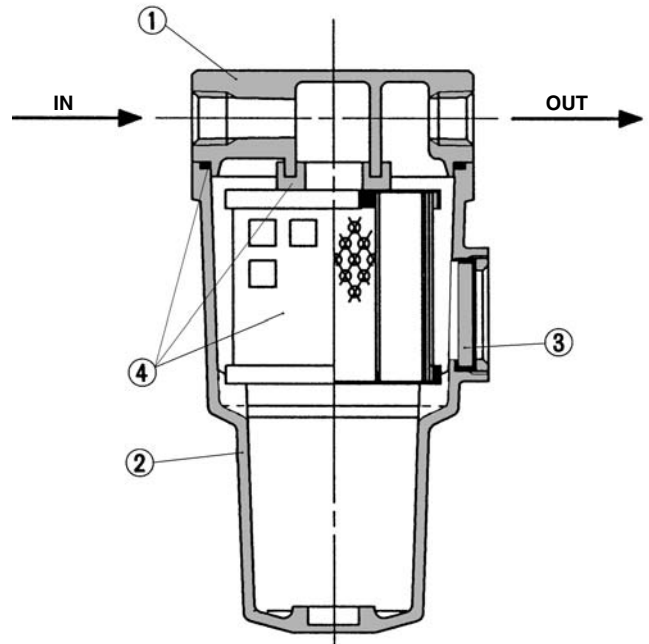
Note) Make sure to select a model that has the max. flow line above the obtained intersecting point. With a model that has the max. flow line below the obtained intersecting point, the flow rate will be exceeded, thus leading to a problem such as being unable to satisfy the specifications.

## Construction

### AME150C to 550C



### AME650/850



## Component Parts

No.	Description	Material	Note
1	<b>Body</b>	Aluminum die-casted	Chrome treated
2	<b>Housing</b>	Aluminum die-casted*	Epoxy coating on inner surface
3	<b>Sight glass</b>	Tempered glass	—

\* The AME850 is aluminum casted.



Note) Refer to "How to Order Bowl Assembly" on page 63.



Note) Sight glass is indicated in the figure for easy understanding of component parts. However, it differs from the actual construction. Refer to dimensions on pages 49 through to 51 for details.

## Replacement Parts

No.	Description	Material	Applicable model	Model						
				AME150C	AME250C	AME350C	AME450C	AME550C	AME650	AME850
4	<b>Element assembly</b>	Glass fiber, others	Except option F	AME-EL150	AME-EL250	AME-EL350	AME-EL450	AME-EL550	AME-EL650	AME-EL850
			For option F	AME-EL150-F	AME-EL250-F	AME-EL350-F	AME-EL450-F	AME-EL550-F	—	—

\* Element assembly: With gasket (1 pc.) and O-ring (1 pc.)

\* Element assemblies for Made to Order (X12, X20) are same as those for standard (see the above table).