

Compressed Air Cleaning Filter Series

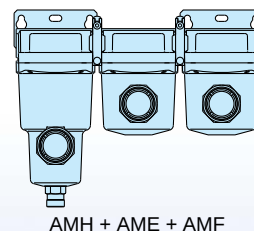
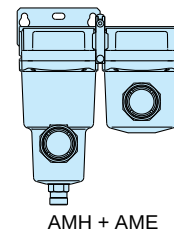
For Water, Solid/Oil Separation and Deodorization

Modular connection, Space-saving design, Labor-saving in piping! (AMG□C, AFF□C, AM□C, AMD□C, AMH□C, AME□C, AMF□C)

Uses the same spacer as the F.R.L. combination AC series.

Possible to make a modular connection with products such as AR series regulator.

Modular connection example



* The C type is only suitable for modular connection.

Options added (AMG□C, AFF□C, AM□C, AMD□C, AMH□C, AME□C, AMF□C)

Addition: 5 types

- 16 MPa specifications
- Fluororubber specifications
- With differential pressure switch (125 VAC, 30 VDC)
- With differential pressure switch (30 VDC)
- Degreasing wash, white vaseline specifications

Differential pressure switch



Compact, Lightweight (AME□C, AMF□C)

Height and mass reduced by up to **40%**



Water Separation

Water Separator/AMG

Solid/Oil Separation

Main Line Filter/AFF

Mist Separator/AM

Micro Mist Separator/AMD

Micro Mist Separator with Pre-filter/AMH

Super Mist Separator/AME

Deodorization

Odor Removal Filter/AMF

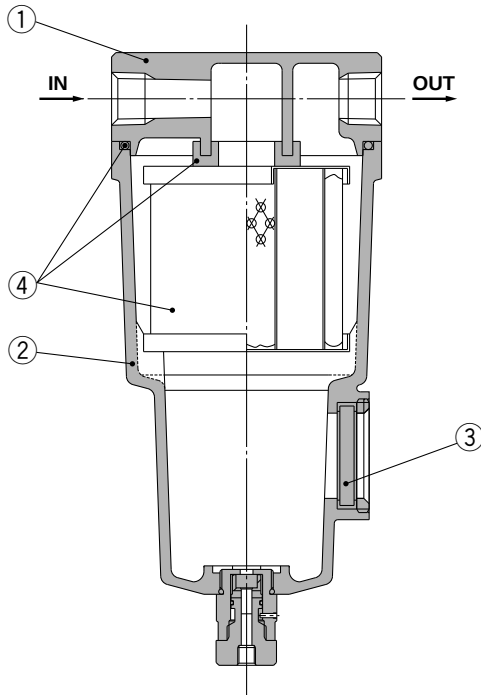
Series **AM□/AFF**



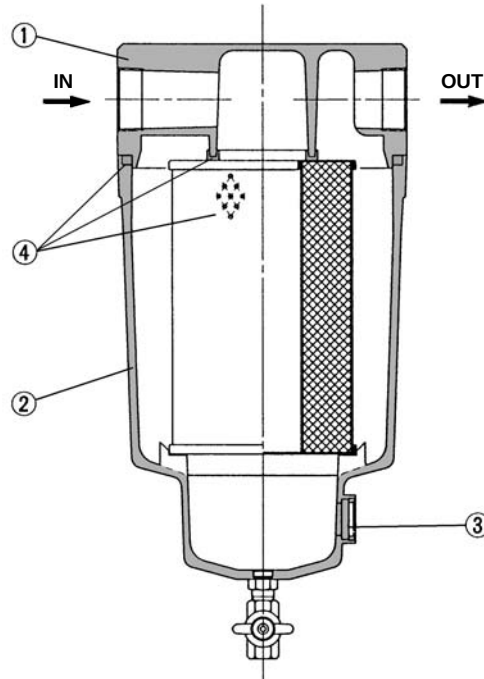
CAT.ES30-11A

Construction

AMG150C to 550C, AMG650



AMG850



Component Parts

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

* The AMG850 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 7 through to 9 for details.

Replacement Parts

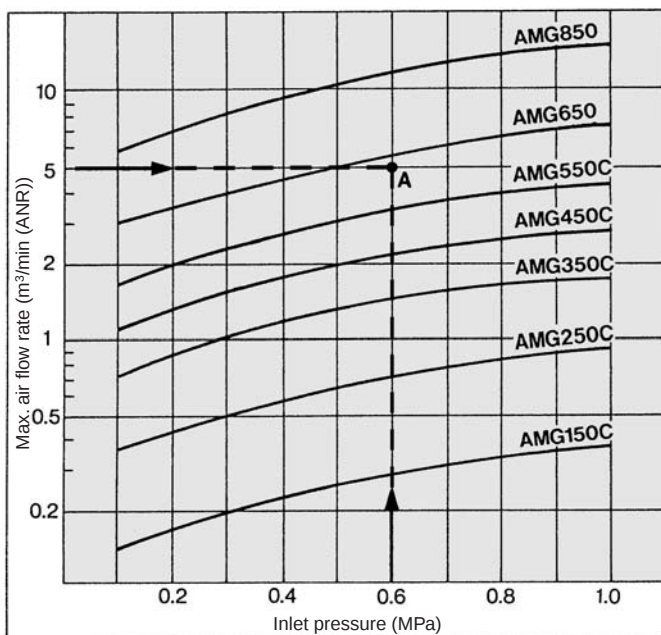
No.	Description	Material	Applicable model	Model						
				AMG150C	AMG250C	AMG350C	AMG450C	AMG550C	AMG650	AMG850
4	Element assembly	Resin, others	Except option F	AMG-EL150	AMG-EL250	AMG-EL350	AMG-EL450	AMG-EL550	AMG-EL650	AMG-EL850
			For option F	AMG-EL150-F	AMG-EL250-F	AMG-EL350-F	AMG-EL450-F	AMG-EL550-F	—	—

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

* Refer to back page 6 for replacement of auto drain.

* Element assemblies for Made to Order (X12, X15, X20, X26) are same as those for standard (see the above table).

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 AMG650 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.