

Super Mist-Separator NAME Series



Filtered air exceeds clean room class 100 specifications

Removes virtually all Oil mist above $0.01\mu\text{m}$ particle size.

Activated carbon element provides superior filtration and longer element life.

(10 times NAMD Micro-mist separator)

Special color changing element allows visual monitoring of element life.

Applications

- Pre-filter for germ-free compressed air for medical & food industries.
- Filtered compressed air for use in clean room.
- Final stage air filter for high grade painting.
- Other oil-free applications.



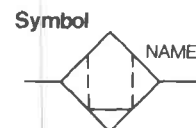
Super Mist-Separator NAME Series



NAME350



NAME250



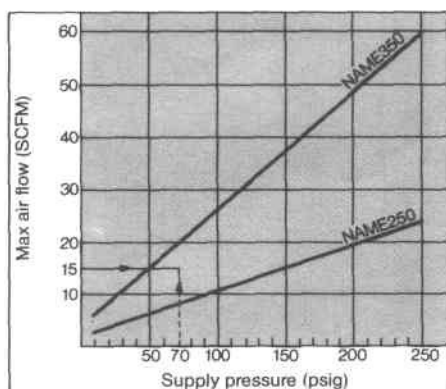
- Removes virtually all particles larger than $0.01\mu\text{m}$.
- Special Color Changing activated carbon element allows visual monitoring of element life.
- Large oil mist absorption capability. 10 times standard products.
- Provides superior filtration for clean room, medical, pharmaceutical and other demanding applications.

Specifications

Model	NAME 250	NAME 350
Fluid	Air	
Max. operating pressure	150psig (9.9Kgf/cm ²)	
Max. flow *	10.6 SCFM (300Nℓ/min)	26.5 SCFM (750Nℓ/min)
Pressure drop	2~6psig (0.1~0.4Kgf/cm ²)	
Filtration	0.01 μm or less	
Effectiveness	Less than 100 particles 0.3 μm or larger per cubic foot at outlet	
Operating temperature range	40~140°F (5~60°C)	
Element	color indicator type	
Port size	1/4, 3/8 NPT	3/8, 1/2 NPT
Weight	1.21 lbs (0.55Kgf)	1.98 lbs (0.9Kgf)

* at Supply pressure of 100psig

Selection Chart



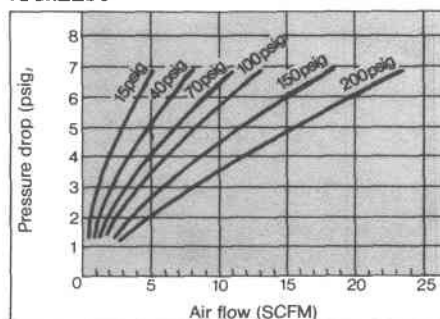
How to select

Conditions: Supply Pressure: 70psig, Air Flow: 15 SCFM.

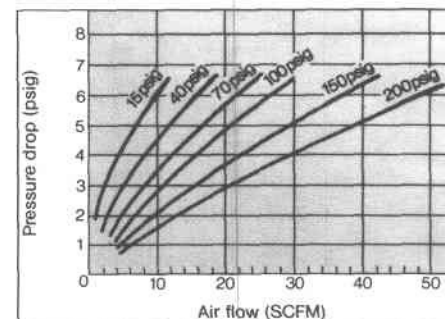
After locating the intersection point of supply pressure and flow rate choose the appropriate model. Areas under the line indicate effective ranges of each model.

Flow characteristics

NAME250



NAME350



How To Order

N **AME** **250** - **N** **02** **B**

Super Mist Separator

Option
B — Bracket

Body Style

Code	Area
N	USA
E*	Europe
—*	Japan, Asia Australia

*Special order only.

Port size

02	— 1/4 NPT
03	— 3/8 NPT
04	— 1/2 NPT

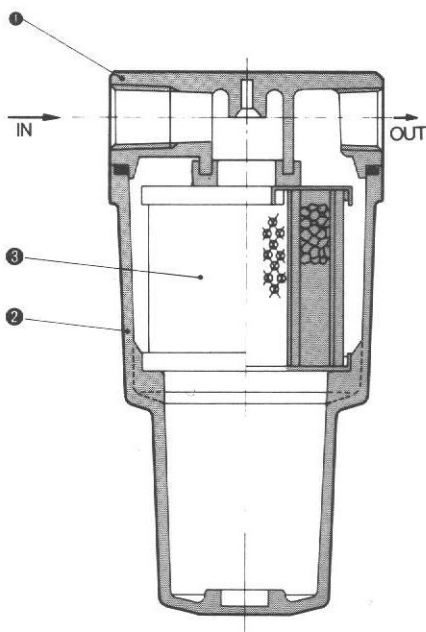
Port Thread Type

Code	Thread	Applicable
N	NPT	USA
F*	G(PF)	Europe
—*	RC(PT) Metric Thread	Japan, Asia Australia

*Special order only.

• Body size
250 — 1/4
350 — 3/8

Construction/Parts List



Parts List

No.	Description	Material	Color
①	Body	Die cast Aluminum Alloy	Platinum silver
②	Housing	Die cast Aluminum Alloy	Platinum silver

Spare Parts

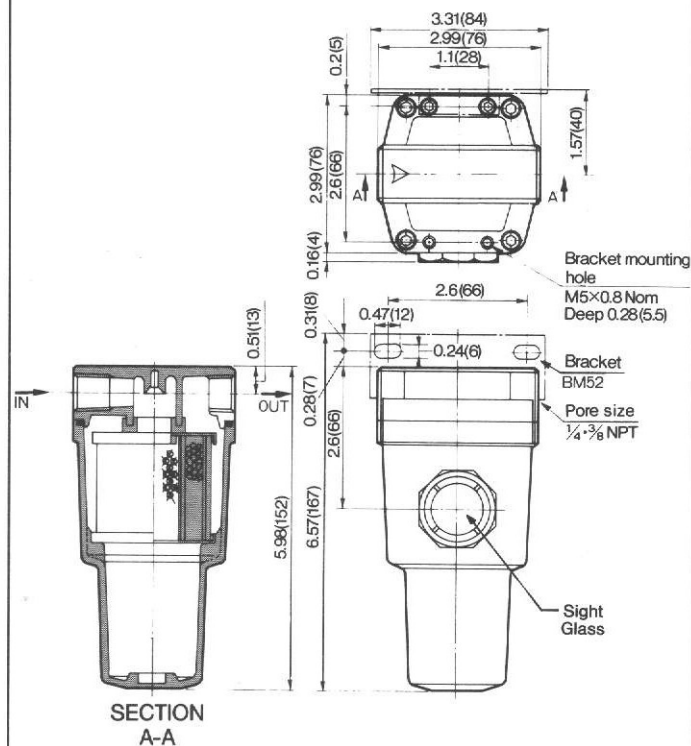
No.	Description	Material	Model	
			NAME250	NAME350
③	Element Assembly*	Stainless steel	AME-EL250	AME-EL350

* Includes O-ring and gasket.

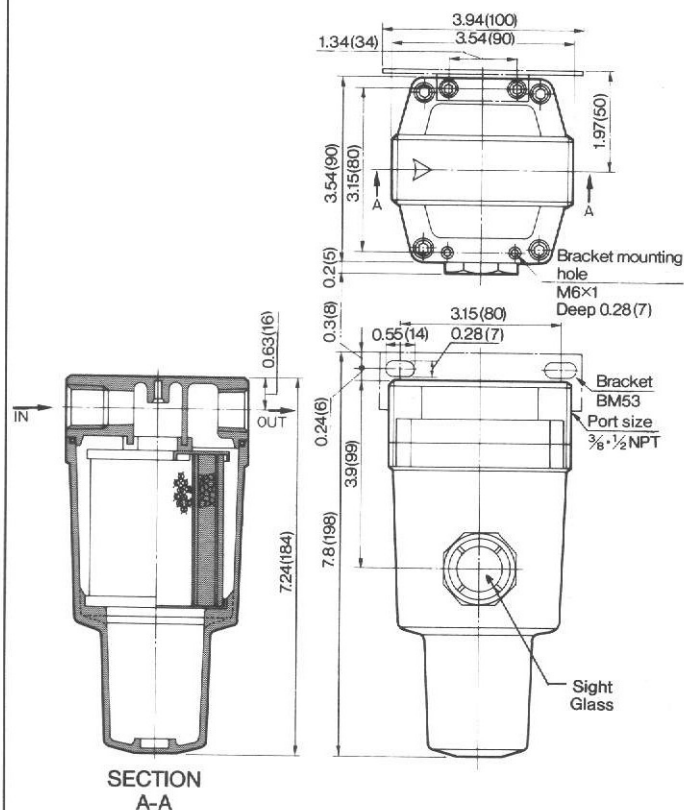
Dimensions

(inch)

NAME250



NAME350



Millimeters in Parentheses

Precaution

Maintenance

- ① Use with dry air only.
- ② When pink spot appears on the element, please replace the element.
Note: After pink spot appears the remaining life is 10%.

Installation

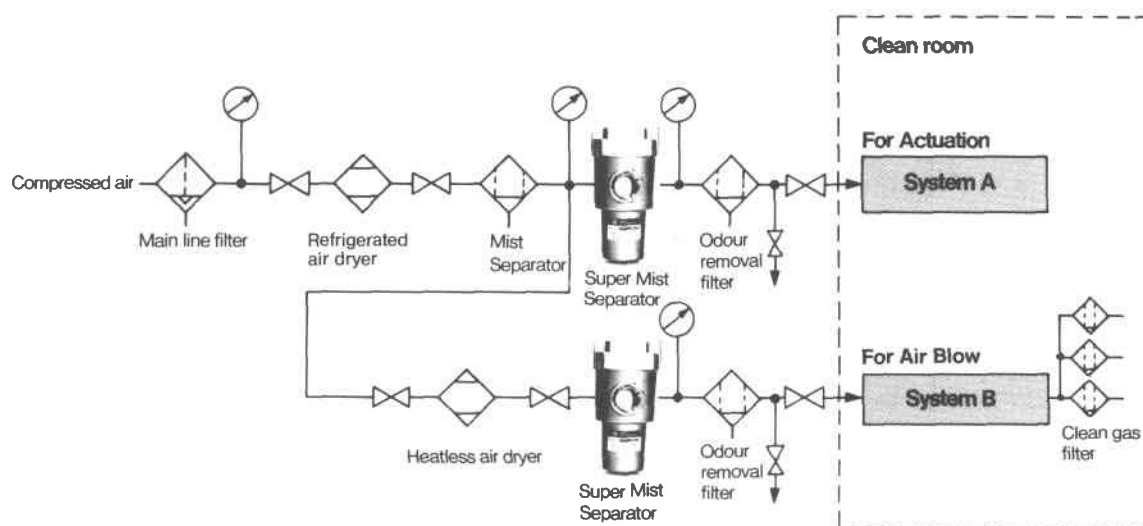
- ① Please install in cool place.
- ② Please install with the sight glass facing front.
- ③ To capture excessive dirt and liquid particles, please install an NAM series filter before the NAME.

Element Life

The following table indicates life for the NAM and NAME combination. If the NAMD filter is also installed, the life of the NAME filter will increase 10 times.

Operation time	Load rate	Life
Continuous (8 hours/day)	100%	≒ 1year
	75%	≒ 1.5years
	50%	≒ 2years

Clean Air System for Clean Room Service



System A/Actuating air for clean room device

- Dew point: 1°F or less (Atmospheric pressure)
- Efficiency: Less than 100 particles 0.3 microns or larger per cubic foot.

System B/Blowing air for parts cleaning

- Dew point: -58°F or less (Atmospheric pressure)
- Efficiency: Less than 100 particles 0.3 microns or larger per cubic foot.
- Note: Use of Clean gas filter (Membrane) in downstream line is recommended.

Distributed by:



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