

# Compressed Air Preparation Filter

# **AFF/AM/AMD Series**

RoHS

## How to Order

**AFF** **70D** - **10** - **Nil** - **Nil**



Symbol	Description	Specifications
<b>AFF</b>	Main line filter	Nominal filtration rating: 1 μm Water droplet removal ratio: 99% or more
<b>AM</b>	Mist separator	Nominal filtration rating: 0.1 μm Oil mist density at outlet: 1.0 mg/m <sup>3</sup>
<b>AMD</b>	Micro mist separator	Nominal filtration rating: 0.01 μm Oil mist density at outlet: 0.1 mg/m <sup>3</sup>

### Filter type

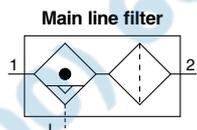
### Accessory

Symbol	Description
<b>Nil</b>	None
<b>B</b>	Bracket*1, *2

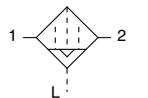
\*1 Included in the same package but not assembled (It is the customer's responsibility to assemble the product.)

\*2 Even when the accessory is selected, the product label does not include the accessory (body only).

### Symbol



### Mist separator



Symbol	Flow capacity
<b>70D</b>	7 m <sup>3</sup> /min (ANR)
<b>80D</b>	11 m <sup>3</sup> /min (ANR)
<b>90D</b>	14.5 m <sup>3</sup> /min (ANR)

### Body size

Symbol	Type
<b>Nil</b>	Rc
<b>F</b>	G
<b>N</b>	NPT

### Thread type

### Port size

Symbol	Port size	Applicable body size		
		70D	80D	90D
<b>10</b>	1	●	—	—
<b>14</b>	1 1/2	●	●	●
<b>20</b>	2	—	—	●

### Option

Symbol	Description	Max. operating pressure [MPa]
<b>Nil</b>	Auto drain	1.0
<b>H</b>	Auto drain	1.6
<b>J</b>	Drain guide	1.6

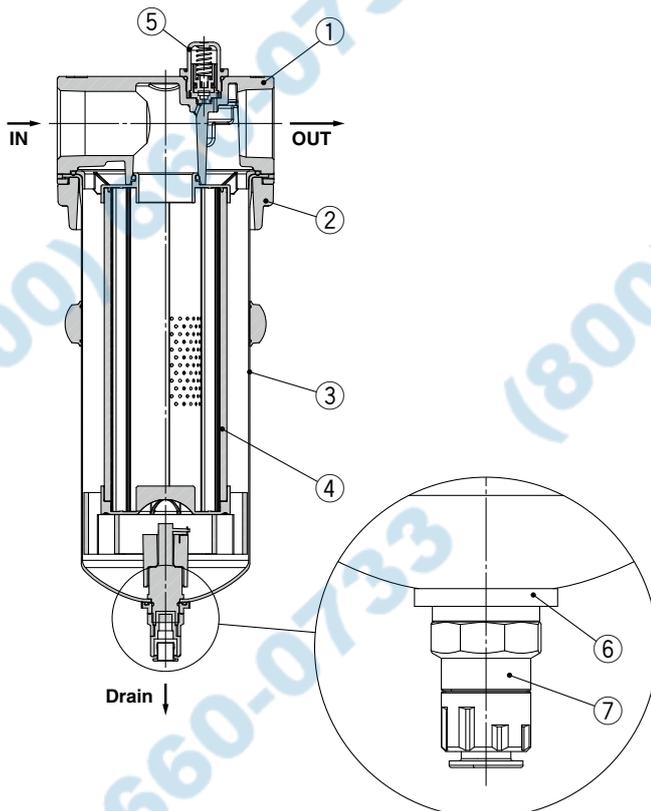
\* Options H and J cannot be selected simultaneously.

### Accessory Part Nos.

Description	Model		
	70D	80D	90D
<b>Bracket</b>	AM-BM70D	AM-BM90D	

\* Includes mounting bolts (2 pcs.)

## Construction: AFF, AM, AMD



### Component Parts

No.	Description	Material
<b>1</b>	<b>Body</b>	Aluminum die-cast
<b>2</b>	<b>Flange</b>	Aluminum die-cast
<b>3</b>	<b>Bowl</b>	Stainless steel

### Replacement Parts

No.	Description	Order no.		
		70D	80D	90D
<b>4</b>	<b>Element</b>	<b>For AFF</b> AFF-EL70D	AFF-EL80D	AFF-EL90D
	<b>For AM</b>	AM-EL70D	AM-EL80D	AM-EL90D
	<b>For AMD</b>	AMD-EL70D	AMD-EL80D	AMD-EL90D
<b>5</b>	<b>Element service indicator</b>	AM-SA072		
<b>6</b>	<b>Drain port spacer</b>	AM-SA075		
<b>7</b>	<b>Auto drain*1</b>	For Rc, G thread	AD43PA-D	
		For NPT thread	NAD43PA-D	

\*1 The -H and -J specifications cannot be replaced.