Periodically replace filter elements!

Replacement is required every 2 years, or when pressure drops to 15 psi (0.1 MPa).

Extends life of equipment! Contributes to energy savings!

Clogging of elements is the worst condition for attachments and equipment.

To avoid problems like this, early replacement is recommended!!

The life of elements where a flange type is used for the IN/OUT connection is 1 year, or when the pressure drops to 15 psi (0.1 MPa).
### Water Separator
Eliminates water droplets in the compressed air.

*Use this product in conditions when drying is not required as much as an air dryer.*

<table>
<thead>
<tr>
<th>Filter Model</th>
<th>Elements Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMG150C</td>
<td>AMG-EL150</td>
</tr>
<tr>
<td>AMG250C</td>
<td>AMG-EL250</td>
</tr>
<tr>
<td>AMG350C</td>
<td>AMG-EL350</td>
</tr>
<tr>
<td>AMG450C</td>
<td>AMG-EL450</td>
</tr>
<tr>
<td>AMG550C</td>
<td>AMG-EL550</td>
</tr>
<tr>
<td>AMG650</td>
<td>AMG-EL650</td>
</tr>
<tr>
<td>AMG850</td>
<td>AMG-EL850</td>
</tr>
</tbody>
</table>

### Main Line Filter
Eliminates impurities such as oil and foreign matter, etc. in compressed air.

<table>
<thead>
<tr>
<th>Filter Model</th>
<th>Elements Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFF2C</td>
<td>AFF-EL2B</td>
</tr>
<tr>
<td>AFF4C</td>
<td>AFF-EL4B</td>
</tr>
<tr>
<td>AFF8C</td>
<td>AFF-EL8B</td>
</tr>
<tr>
<td>AFF11C</td>
<td>AFF-EL11B</td>
</tr>
<tr>
<td>AFF22C</td>
<td>AFF-EL22B</td>
</tr>
<tr>
<td>AFF37B</td>
<td>AFF-EL37B</td>
</tr>
<tr>
<td>AFF75B</td>
<td>AFF-EL75B</td>
</tr>
</tbody>
</table>

### Air Filter
Eliminates impurities such as oil and foreign matter, etc. in compressed air.

<table>
<thead>
<tr>
<th>Filter Model</th>
<th>Elements Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF10</td>
<td>AF10P-060S</td>
</tr>
<tr>
<td>AF20-A, AF20</td>
<td>AF20P-060S</td>
</tr>
<tr>
<td>AF30-A, AF30</td>
<td>AF30P-060S</td>
</tr>
<tr>
<td>AF40-A, AF40</td>
<td>AF40P-060S</td>
</tr>
<tr>
<td>AF40-06-A, AF40-06</td>
<td>AF40P-060S</td>
</tr>
<tr>
<td>AF50</td>
<td>AF50P-060S</td>
</tr>
<tr>
<td>AF60</td>
<td>AF60P-060S</td>
</tr>
<tr>
<td>AF800</td>
<td>1134S-5B</td>
</tr>
<tr>
<td>AF900</td>
<td>1135S-5B</td>
</tr>
</tbody>
</table>

### Mist Separator
Eliminates oil mist in compressed air or rust sized 0.3 μm or more, and foreign matter such as carbon.

<table>
<thead>
<tr>
<th>Filter Model</th>
<th>Elements Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFM20-A, AFM20</td>
<td>AFM20P-060AS</td>
</tr>
<tr>
<td>AFM30-A, AFM30</td>
<td>AFM30P-060AS</td>
</tr>
<tr>
<td>AFM40-A, AFM40</td>
<td>AFM40P-060AS</td>
</tr>
<tr>
<td>AFM40-06-A, AFM40-06</td>
<td>AFM40P-060AS</td>
</tr>
</tbody>
</table>

### Water Removal Rate 99%

### AMG Series

### Element Part No. List

#### AMG Series

- **Filter Model**
  - AMG150C
  - AMG250C
  - AMG350C
  - AMG450C
  - AMG550C
  - AMG650
  - AMG850

- **Elements Part No.**
  - AMG-EL150
  - AMG-EL250
  - AMG-EL350
  - AMG-EL450
  - AMG-EL550
  - AMG-EL650
  - AMG-EL850

#### Main Line Filter

- **Filter Model**
  - AFF2C
  - AFF4C
  - AFF8C
  - AFF11C
  - AFF22C
  - AFF37B
  - AFF75B

- **Elements Part No.**
  - AFF-EL2B
  - AFF-EL4B
  - AFF-EL8B
  - AFF-EL11B
  - AFF-EL22B
  - AFF-EL37B
  - AFF-EL75B

#### Air Filter

- **Filter Model**
  - AF10
  - AF20-A, AF20
  - AF30-A, AF30
  - AF40-A, AF40
  - AF40-06-A, AF40-06
  - AF50
  - AF60
  - AF800
  - AF900

- **Elements Part No.**
  - AF10P-060S
  - AF20P-060S
  - AF30P-060S
  - AF40P-060S
  - AF40P-060S
  - AF50P-060S
  - AF60P-060S
  - 1134S-5B
  - 1135S-5B

#### Mist Separator

- **Filter Model**
  - AFM20-A, AFM20
  - AFM30-A, AFM30
  - AFM40-A, AFM40
  - AFM40-06-A, AFM40-06

- **Elements Part No.**
  - AFM20P-060AS
  - AFM30P-060AS
  - AFM40P-060AS
  - AFM40P-060AS

### Water Separator

- **Filter Model**
  - AMG150C
  - AMG250C
  - AMG350C
  - AMG450C
  - AMG550C
  - AMG650
  - AMG850

- **Elements Part No.**
  - AMG-EL150
  - AMG-EL250
  - AMG-EL350
  - AMG-EL450
  - AMG-EL550
  - AMG-EL650
  - AMG-EL850

### Fitting rating 3 μm

### AFF Series

### Fitting rating 5 μm

### AF-A/AF Series

### Fitting rating 5 μm

### AW-A/AW Series

### Fitting rating 0.3 μm

### AFM-A/AFM Series

### Fitting rating 0.3 μm

### AWM Series

### Fitting rating 0.3 μm

### AM Series
### Micro Mist Separator
Eliminates foreign matter sized 0.01 μm or more, or oil particles in an aerosol state.

**AFD-A/AFD Series**
- Filter Model: AFD20-A, AFD20
  - Elements Part No.: AFD20P-060AS
- Filter Model: AFD30-A, AFD30
  - Elements Part No.: AFD30P-060AS
- Filter Model: AFD40-A, AFD40
  - Elements Part No.: AFD40P-060AS
- Filter Model: AFD40-06-A, AFD40-06
  - Elements Part No.: AFD40P-060AS

**AWD Series**
(With regulator)
- Filter Model: AWD20
  - Elements Part No.: AFD20P-060AS
- Filter Model: AWD30
  - Elements Part No.: AFD30P-060AS
- Filter Model: AWD40
  - Elements Part No.: AFD40P-060AS

**AMD Series**
- Filter Model: AMD150C
  - Elements Part No.: AMD-EL150
- Filter Model: AMD250C
  - Elements Part No.: AMD-EL250
- Filter Model: AMD350C
  - Elements Part No.: AMD-EL350
- Filter Model: AMD450C
  - Elements Part No.: AMD-EL450
- Filter Model: AMD550C
  - Elements Part No.: AMD-EL550
- Filter Model: AMD650
  - Elements Part No.: AMD-EL650
- Filter Model: AMD850
  - Elements Part No.: AMD-EL850

**AMH Series**
- Filter Model: AMH150C
  - Elements Part No.: AMH-EL150
- Filter Model: AMH250C
  - Elements Part No.: AMH-EL250
- Filter Model: AMH350C
  - Elements Part No.: AMH-EL350
- Filter Model: AMH450C
  - Elements Part No.: AMH-EL450
- Filter Model: AMH550C
  - Elements Part No.: AMH-EL550
- Filter Model: AMH650
  - Elements Part No.: AMH-EL650
- Filter Model: AMH850
  - Elements Part No.: AMH-EL850

**AME Series**
- Filter Model: AME150C
  - Elements Part No.: AME-EL150
- Filter Model: AME250C
  - Elements Part No.: AME-EL250
- Filter Model: AME350C
  - Elements Part No.: AME-EL350
- Filter Model: AME450C
  - Elements Part No.: AME-EL450
- Filter Model: AME550C
  - Elements Part No.: AME-EL550
- Filter Model: AME650
  - Elements Part No.: AME-EL650
- Filter Model: AME850
  - Elements Part No.: AME-EL850

**Super Mist Separator**
Captures foreign matter sized 0.01 μm or more and adsorbs oil particles in an aerosol state.
The appearance of the red spot on the surface indicates the end of the elements life.
- Filter Model: AME150C
  - Elements Part No.: AME-EL150
- Filter Model: AME250C
  - Elements Part No.: AME-EL250
- Filter Model: AME350C
  - Elements Part No.: AME-EL350
- Filter Model: AME450C
  - Elements Part No.: AME-EL450
- Filter Model: AME550C
  - Elements Part No.: AME-EL550
- Filter Model: AME650
  - Elements Part No.: AME-EL650
- Filter Model: AME850
  - Elements Part No.: AME-EL850

**Odor Removal Filter**
Eliminates odor from compressed air.
- Filter Model: AMF150C
  - Elements Part No.: AMF-EL150
- Filter Model: AMF250C
  - Elements Part No.: AMF-EL250
- Filter Model: AMF350C
  - Elements Part No.: AMF-EL350
- Filter Model: AMF450C
  - Elements Part No.: AMF-EL450
- Filter Model: AMF550C
  - Elements Part No.: AMF-EL550
- Filter Model: AMF650
  - Elements Part No.: AMF-EL650
- Filter Model: AMF850
  - Elements Part No.: AMF-EL850

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**Old Filter Model**
Old Elements Part No.
- AFD2000: 63092
- AFD3000: 63093
- AFD4000: 63094
- AFD4000-06: 63094

* The old and new elements are compatible. Please use the part number of the current filter element when ordering.

**Old Filter Model**
Old Elements Part No.
- AWD2000: 63092
- AWD3000: 63093
- AWD4000: 63094

* The old and new elements are compatible. Please use the part number of the current filter element when ordering.

---

**Eliminates foreign matter sized 0.01 μm or more, or oil particles in an aerosol state.**

**Micro Mist Separator** Oil separator, which incorporates pre-filter (equivalent to the AM series) into micro mist separator.

**AMD Series**
- Filter Model: AMD800
  - Elements Part No.: 63174
- Filter Model: AMD801
  - Elements Part No.: 63174
- Filter Model: AMD900
  - Elements Part No.: 63174 (3 pcs. required)
- Filter Model: AMD901
  - Elements Part No.: 63174 (3 pcs. required)
- Filter Model: AMD1000
  - Elements Part No.: 63174 (5 pcs. required)

* The body of AMD800 to 1000 and the element shape differ from the photo.
* The life of the element is 1 year, or when the pressure drops to 15 psi [0.1 MPa].

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**Super Mist Separator**
Captures foreign matter sized 0.01 μm or more and adsorbs oil particles in an aerosol state.
The appearance of the red spot on the surface indicates the end of the elements life.

**AME Series**
- Filter Model: AMF800
  - Elements Part No.: 63271
- Filter Model: AMF801
  - Elements Part No.: 63271
- Filter Model: AMF900
  - Elements Part No.: 63271 (3 pcs. required)
- Filter Model: AMF901
  - Elements Part No.: 63271 (3 pcs. required)
- Filter Model: AMF1000
  - Elements Part No.: 63271 (5 pcs. required)

* The body of AMF800 to 1000 and the element shape differ from the photo.
* The life of the element is 1 year, or when the pressure drops to 15 psi [0.1 MPa].
The element replacement periods can be confirmed.

Please consider when replacing filters or installing new filters.

Filter with Element Service Indicator

Filter with Differential Pressure Switch

Filter with Differential Pressure Gauge

Time to replace element when the red indicator reaches the top

At differential pressure 7.3 psi [0.05 MPa]

At differential pressure 15 psi [0.1 MPa]

Checks the differential pressure by electrical signal.

Can also be checked visually with the equipped indicator.

Time to replace element when needle reaches the red zone (differential pressure of 15 psi [0.1 MPa] or more)

Filters for various fluids other than air are also available.

SMC Industrial Filters

Applicable fluid: Industrial water/Cooling water/Coolant/Cleaning fluid/Lubricating oil etc.