

New

Modular Design with Uniform Body Style



Better visibility & environmental resistance



The bowl is covered with a transparent bowl guard!

* Body sizes 30 and larger

- The inside is visible from 360°.
- The bowl is completely protected from the environment, allowing for improved safety.

Inner bowl

Material: Polycarbonate

Transparent bowl guard

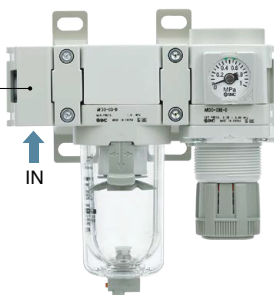
Material: Polycarbonate



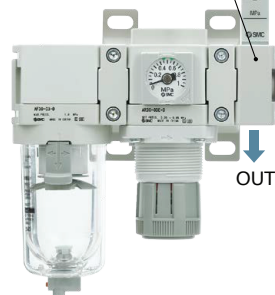
New Attachments have been added.

Attachment combination examples

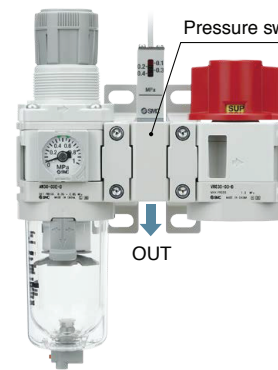
L-shaped piping adapter



Pressure switch with L-shaped piping adapter



Pressure switch with T-spacer

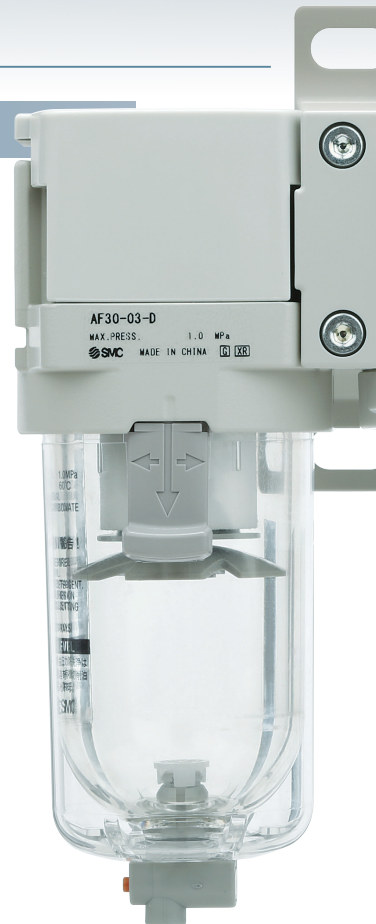
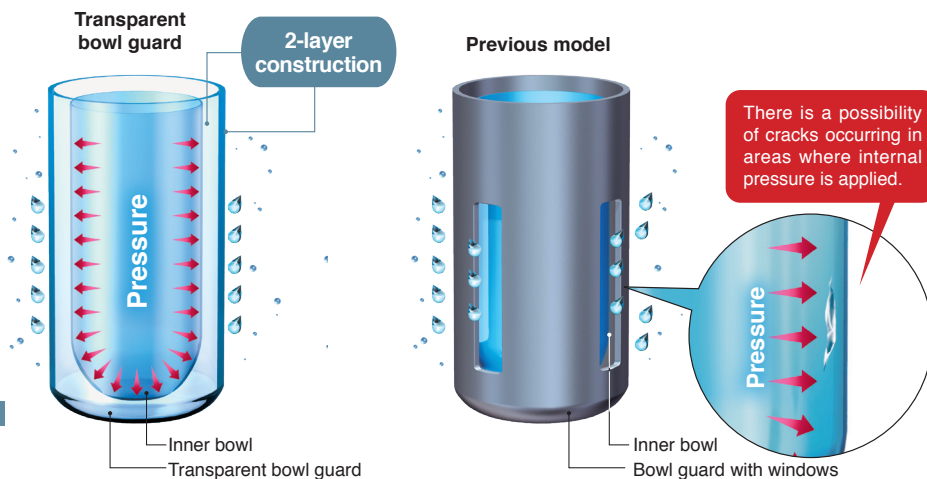


AC Series

Transparent bowl guard

■ Better environmental resistance: The transparent bowl guard protects the inner bowl!

The bowl guard with windows has been replaced with a **polycarbonate transparent bowl guard**. Now, even if the environment changes and the bowl is exposed to corrosive chemical or oil splash, **the foreign matter will not come into direct contact with the pressurized bowl**. This can reduce the risk of bowl breakage.



■ Better visibility: 360°

The transparent bowl guard allows for easy checking of the condensate level inside the filter bowl and the remaining oil amount in the lubricator from any direction.



Applicable model

* Body sizes 30 and larger

Air Filter
AF



Mist Separator
AFM



Micro Mist
Separator
AFD



Filter Regulator
AW□0(K)



Lubricator
AL



No tools are required.

Easier replacement of the element

* AF-D only



Selection of pressure gauges



Square embedded type pressure gauge



Round type pressure gauge



Digital pressure switch

Open/close type gauge cover New

① Open the gauge cover.



Open the gauge cover in the direction of the arrow with your fingertips.

② Adjust the indicator to a specified position.



Adjust the indicator using a flat blade screwdriver.

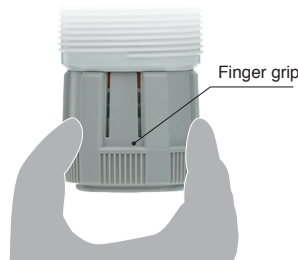
③ Close the gauge cover.



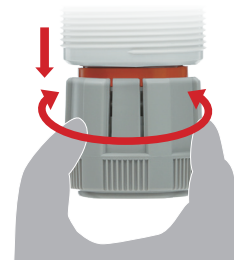
Close the gauge cover in the direction of the arrow and push it in until it clicks in place.

Easy to handle

Easy to hold when unlocked



Locked



Pressure regulation while unlocked

Interchangeability is maintained.

- The mounting pitch for panel mounting is interchangeable between the AR(K) and the AR(K)-B and between the AW(K) and the AW(K)-B.
- The brackets and set nuts are the same for both existing and new products.



AR(K) Series



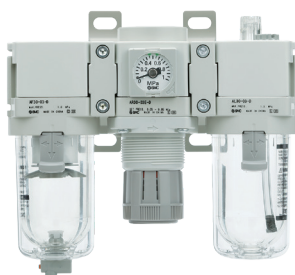
AW(K) Series

Series Configuration

AC20 to AC40 Series

Air Filter + Regulator + Lubricator

AF AR AL

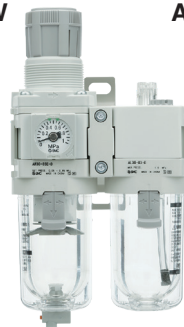


	Port size			
	1/8	1/4	3/8	1/2
Size 20	●	●		
Size 30			●	
Size 40		●	●	●

AC20A to AC40A Series

Filter Regulator + Lubricator

AW AL



	Port size			
	1/8	1/4	3/8	1/2
Size 20	●	●		
Size 30			●	
Size 40		●	●	●

AC20B to AC40B Series

Air Filter + Regulator

AF AR

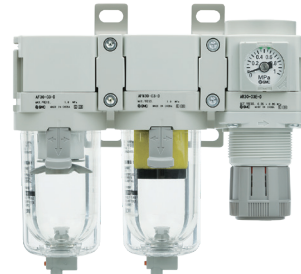


	Port size			
	1/8	1/4	3/8	1/2
Size 20	●	●		
Size 30		●	●	
Size 40		●	●	●

AC20C to AC40C Series

Air Filter + Mist Separator + Regulator

AF AFM AR

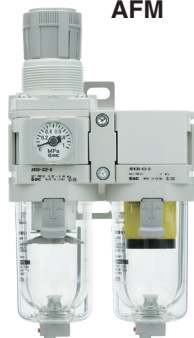


	Port size			
	1/8	1/4	3/8	1/2
Size 20	●	●		
Size 30		●	●	
Size 40		●	●	●

AC20D to AC40D Series

Filter Regulator + Mist Separator

AW AFM



	Port size			
	1/8	1/4	3/8	1/2
Size 20	●	●		
Size 30		●	●	
Size 40		●	●	●

Table of Modular F.R.L. Unit Combinations for AC Assembly

Air Filter
AF Series



Port size			
1/8	1/4	3/8	1/2
Size 20	●	●	
Size 30		●	●
Size 40		●	●

Mist Separator
Micro Mist Separator
AFM/AFD Series



Port size			
1/8	1/4	3/8	1/2
Size 20	●	●	
Size 30		●	●
Size 40		●	●

Regulator
AR Series



Port size			
1/8	1/4	3/8	1/2
Size 20	●	●	
Size 30		●	●
Size 40		●	●

Regulator with
Backflow Function
AR□K Series



Port size			
1/8	1/4	3/8	1/2
Size 20	●	●	
Size 30		●	●
Size 40		●	●

Filter Regulator
AW Series



Port size			
1/8	1/4	3/8	1/2
Size 20	●	●	
Size 30		●	●
Size 40		●	●

Filter Regulator with
Backflow Function
AW□K Series



Port size			
1/8	1/4	3/8	1/2
Size 20	●	●	
Size 30		●	●
Size 40		●	●



Interchangeable with the existing model

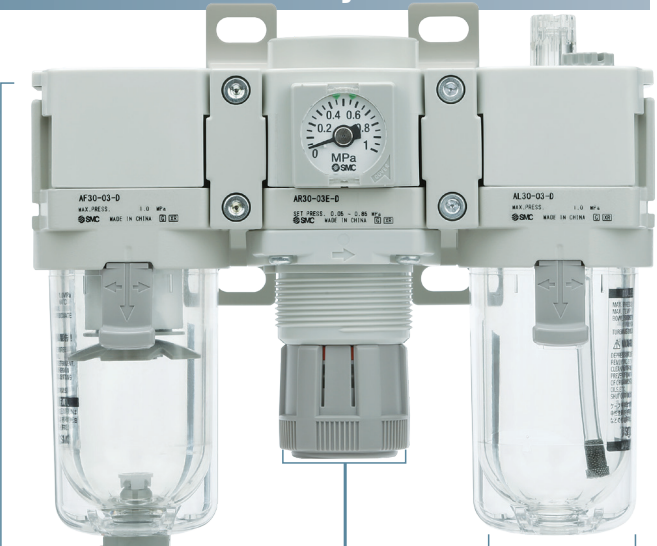
- The new spacer can be connected to the existing AF-A, AR-B, AL-A, and AW-B series.



Lubricator
AL Series



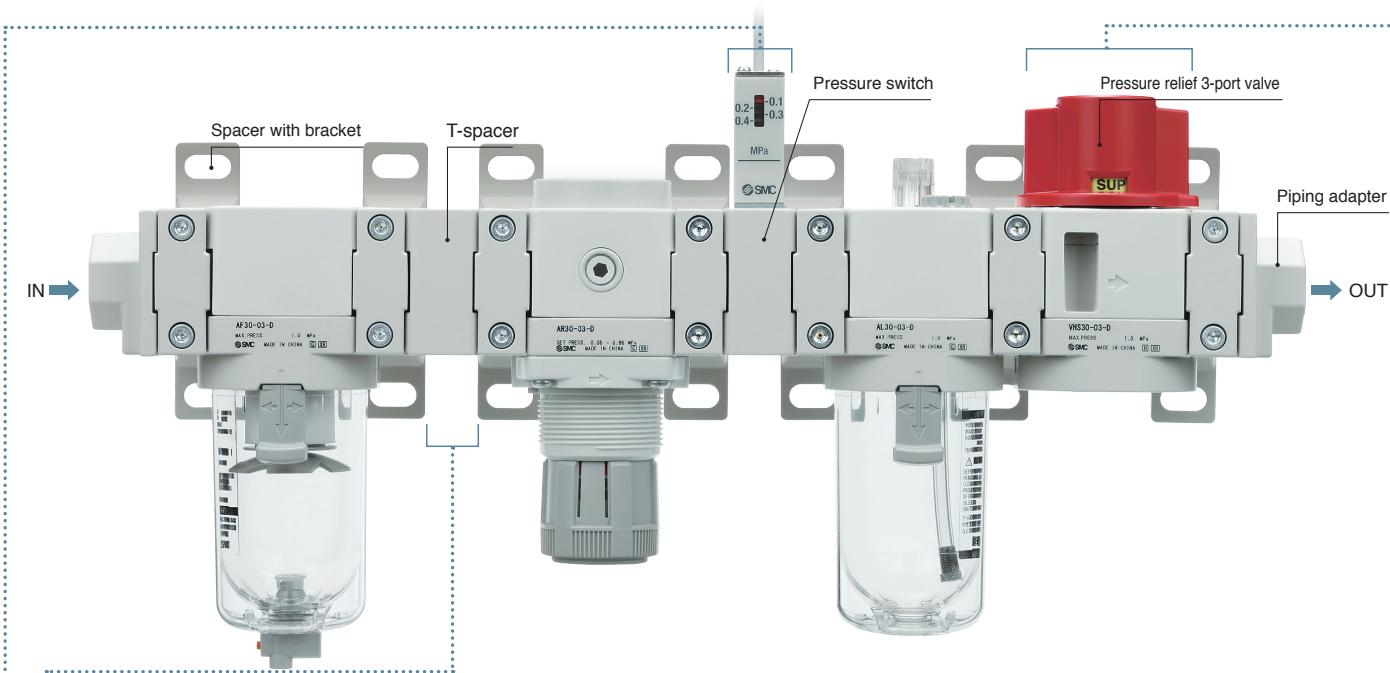
Port size			
1/8	1/4	3/8	1/2
Size 20	●	●	
Size 30		●	●
Size 40		●	●





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Attachment List



Spacers

T-Spacer Y□10 Series	Cross Spacer Y□4 Series	Spacer Y□□ Series	Spacer with Bracket Y□□T Series
Piping in 2 directions is possible (upward or downward).	Piping in all 4 directions is possible.		
 Slim type*1	 Front and back port selectable type*1		

*1 The mounting pitch is interchangeable with the existing attachment.

Pressure Switches

A compact, integrated pressure switch can be easily installed to facilitate the pressure detection of the line.

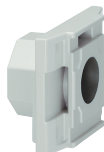
New Pressure Switch with T-Spacer IS10T Series	New Pressure Switch with L-Shaped Piping Adapter IS10L Series	Pressure Switch IS10M Series	Pressure Switch with Piping Adapter IS10E Series
The OUT side piping can be branched downward.	OUT side piping: Downward		A piping adapter allows for the installation/ removal of the component without removing the piping.
		 Slim type*1	

*1 The mounting pitch is interchangeable with the existing attachment.

Piping Adapters

Piping Adapter E□00 Series

A piping adapter allows for the installation/removal of the component without removing the piping.



New

L-Shaped Piping Adapter E□00L Series

Upward or downward piping is possible on the inlet side and the outlet side of F.R.L. units.



Pressure Relief 3-Port Valve

New

Design

Pressure Relief 3-Port Valve VHS Series

By using a pressure relief 3-port valve, pressure left in the line can be easily exhausted.



Space saving/Reduced piping labor

Space saving

Max. **16.4%**^{*1} reduction

Approx. **46 mm** ← Approx. 55 mm

^{*1} For size 30

Reduced piping labor

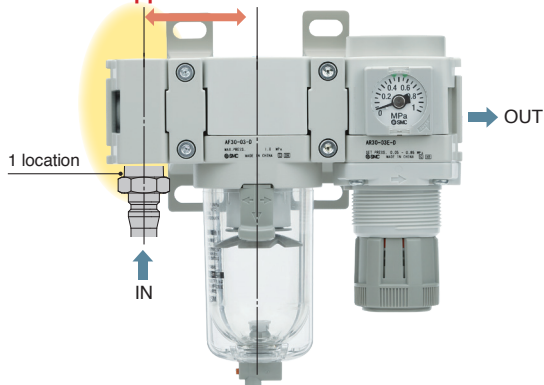
Number of screw-in connections

1 location ← 2 locations

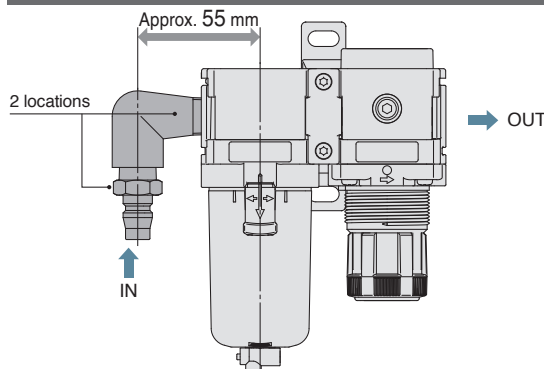
New

When using an L-shaped piping adapter

Approx. 46 mm



When using a street elbow^{*1} ^{*1} Commercially available



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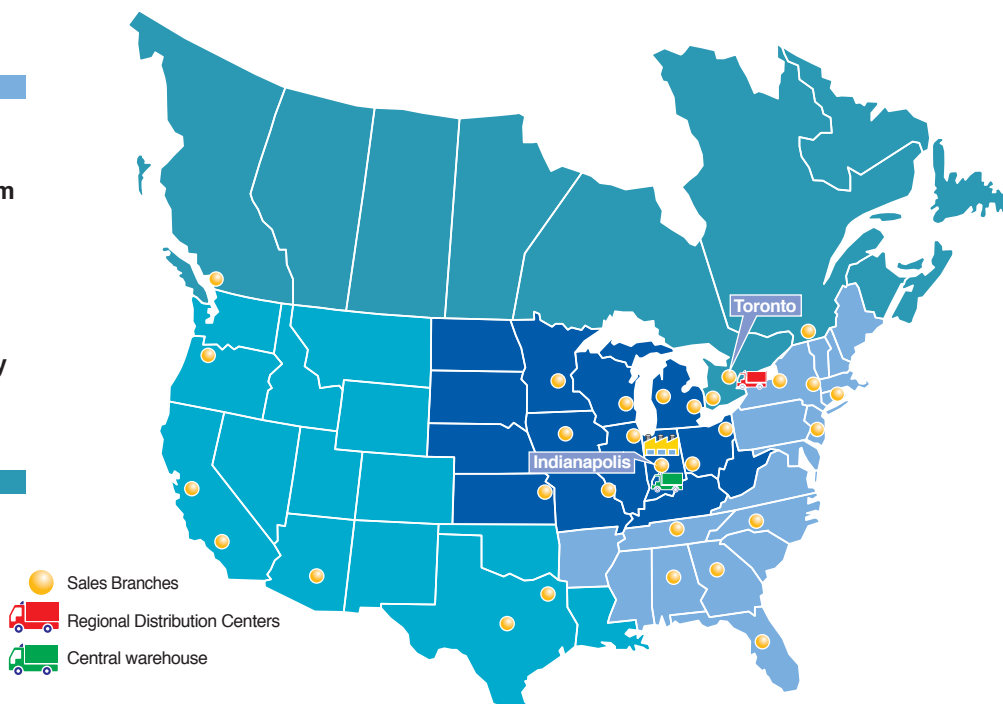
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