

Air Filter **AF10-A to AF60-A Series**

Standard Specifications

Model	AF10-A	AF20-A	AF30-A	AF40-A	AF40-06-A	AF50-A	AF60-A
Port size	M5 x 0.8	1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2	3/4	3/4, 1	1
Fluid	Air						
Ambient and fluid temperature	-5 to 60 °C (with no freezing)						
Proof pressure	1.5 MPa						
Maximum operating pressure	1.0 MPa						
Nominal filtration rating	5 μm						
Drain capacity (cm³)	2.5	8	25	45			
Bowl material	Polycarbonate						
Bowl guard	—	Semi-standard (Steel)	Standard (Polycarbonate)				
Weight (kg)	0.06	0.08	0.18	0.36	0.41	0.87	1.00

Options/Part No.

Optional specifications	Model						
	AF10-A	AF20-A	AF30-A	AF40-A	AF40-06-A	AF50-A	AF60-A
Bracket assembly ^{Note)}	—	AF22P-050AS	AF32P-050AS	AF42P-050AS	AF42P-070AS	AF52P-050AS	

Note) Assembly of a bracket and 2 mounting screws

Bowl Assembly/Part No.

Bowl material	Drain discharge mechanism	Drain port	Other	Model						
				AF10-A	AF20-A	AF30-A	AF40-A	AF40-06-A	AF50-A	AF60-A
Polycarbonate bowl	Manual discharge	With drain cock	—	C1SF-A	C2SF-A	—	—			
		With bowl guard	—	—	C2SF-C-A	C3SF-A	C4SF-A			
		Drain cock with barb fitting	With bowl guard	—	—	C3SF-W-A	C4SF-W-A			
		With drain guide (without valve function)	—	—	C2SF□-J-A	—	—			
	Automatic discharge ^{Note)} (Auto drain)	With bowl guard	—	—	C2SF□-CJ-A	C3SF□-J-A	C4SF□-J-A			
		Normally closed (N.C.)	—	AD17-A	AD27-A	—	—			
		With bowl guard	—	—	AD27-C-A	AD37□-A	AD47□-A			
		Normally open (N.O.)	With bowl guard	—	—	AD38□-A	AD48□-A			
Nylon bowl	Manual discharge	With drain cock	—	C1SF-6-A	C2SF-6-A	—	—			
		With bowl guard	—	—	C2SF-6C-A	C3SF-6-A	C4SF-6-A			
		Drain cock with barb fitting	With bowl guard	—	—	C3SF-6W-A	C4SF-6W-A			
		With drain guide (without valve function)	—	—	C2SF□-6J-A	—	—			
	Automatic discharge ^{Note)} (Auto drain)	With bowl guard	—	—	C2SF□-6CJ-A	C3SF□-6J-A	C4SF□-6J-A			
		Normally closed (N.C.)	—	AD17-6-A	AD27-6-A	—	—			
		With bowl guard	—	—	AD27-6C-A	AD37□-6-A	AD47□-6-A			
		Normally open (N.O.)	With bowl guard	—	—	AD38□-6-A	AD48□-6-A			
Metal bowl	Manual discharge	With drain cock	—	C1SF-2-A	C2SF-2-A	C3SF-2-A	C4SF-2-A			
		With level gauge	—	—	—	C3LF-8-A	C4LF-8-A			
		With drain guide (without valve function)	—	—	C2SF□-2J-A	C3SF□-2J-A	C4SF□-2J-A			
		With level gauge	—	—	—	C3LF□-8J-A	C4LF□-8J-A			
	Automatic discharge ^{Note)} (Auto drain)	Normally closed (N.C.)	—	AD17-2-A	AD27-2-A	AD37□-2-A	AD47□-2-A			
		With level gauge	—	—	—	AD37□-8-A	AD47□-8-A			
		Normally open (N.O.)	—	—	—	AD38□-2-A	AD48□-2-A			
		With level gauge	—	—	—	AD38□-8-A	AD48□-8-A			

Note) Minimum operating pressure: N.O. type—0.1 MPa (AD38-A, AD48-A); N.C. type—0.1 MPa (AD17-A, AD27-A) and 0.15 MPa (AD37-A, AD47-A).

Bowl assembly for the AF20-A to AF60-A models comes with a bowl seal.

□ in bowl assembly part numbers indicates a pipe thread type (applicable tubing for auto drain).

No indication is necessary for Rc thread; however, indicate N for NPT thread, and F for G thread. (For auto drain, Nil: ø10, N: ø3/8")

Please consult with SMC separately for psi and °F unit display specifications.