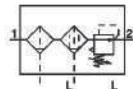


Symbol

Ordersymbol

AC **30** C- **03** DE - **-** - **B**

- Option/Semi-standard: Select one each for a to j.
- Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.
- Example) AC30C-F03DE1-SV-1GNR-B



1	Symbol	Description	Body size							
			20	25	30	40	45			
			●	●	●	●	●			
2	Pipe thread type	Nil	Rc	●	●	●	●			
		N	NPT	●	●	●	●			
		F	G	●	●	●	●			
+										
3	Port size	01	1/8	●	—	—	—			
		02	1/4	●	●	●	●			
		03	3/8	—	●	●	●			
		04	1/2	—	—	●	●			
		06	3/4	—	—	—	●			
		10	3/4	—	—	—	●			
		+								
4	Option	a	Float type auto drain	Nil	Without auto drain	●	●	●	●	●
			C	N.C. (Normally closed)	Drain port is closed when pressure is not applied.	●	●	●	●	●
			D	N.O. (Normally open)	Drain port is open when pressure is not applied.	—	●	●	●	●
+										
4		b	Pressure gauge	Nil	Without pressure gauge	●	●	●	●	●
				E	Square embedded type pressure gauge (with limit indicator)	●	●	●	●	●
				G	Round type pressure gauge (without limit indicator)	●	●	●	●	●
			M	Round type pressure gauge (with color zone)	●	●	●	●	●	●
		Digital pressure switch	E1	Output: NPN output, Electrical entry: Wiring bottom entry	●	●	●	●	●	●
			E2	Output: NPN output, Electrical entry: Wiring top entry	●	●	●	●	●	●
		e	E3	Output: PNP output, Electrical entry: Wiring bottom entry	●	●	●	●	●	●
			E4	Output: PNP output, Electrical entry: Wiring top entry	●	●	●	●	●	●
+										
5	Attachment	c	Pressureswitch	Nil	Without attachment	●	●	●	●	●
			S	Mounting position: AF+AFM+S+AR	●	●	●	●	●	●
		T	T-spacer	Mounting position: AF+AFM+T+AR	●	●	●	●	●	●
+										
5		d	Pressure relief 3 port valve	Nil	Without attachment	●	●	●	●	●
			V	Mounting position: AF+AFM+AR+V	●	●	●	●	●	●
			V1	Mounting position: V+AF+AFM+ARIK	●	●	●	●	●	●
+										
6	Semi-standard	e	Set pressure	Nil	0.05 ~ 0.85 MPa setting	●	●	●	●	●
				1	0.02 ~ 0.2 MPa setting	●	●	●	●	●
		f	Bowl	Nil	Polycarbonate bowl	●	●	●	●	●
+										
6		g	Airfilter drain por	Nil	With bowl guard	●	●	●	●	●
				J	Drain guide 1/8	●	—	—	—	—
				W	Drain guide 1/4	—	●	●	●	●
+										
6		h	Exhaust mechanism	Nil	Relieving type	●	●	●	●	●
				N	Non-relieving type	●	●	●	●	●
+										
6		i	Flow direction	Nil	Flow direction: Left to right	●	●	●	●	●
				R	Flow direction: Right to left	●	●	●	●	●

Commonspecification

Model	AC20C-B	AC30C-B	AC40C-B	AC45C-B
Component	Air Filter [AF]	AF20-A	AF30-A	AF40-A
	Mist Separator [AFM]	AFM20-A	AFM30-A	AFM40-A
	Regulator [AR]	AR20-B	AR30-B	AR40-B
Port size	1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2	3/4, 1
Pressure gauge port size [AR] ¹		1/8		
Fluid		Air		
Ambient and fluid temperature ²			−5 to 60°C (with no freezing)	
Proof pressure			1.5 MPa	
Maximum operating pressure			1.0 MPa	
Set pressure range [AR]			0.05 ~ 0.85 MPa	
Nominal filtration rating [AF/AFM]			AF: 5 μm, AFM: 0.3 μm (99.9% filtered particle size)	
Recommended lubricant [AFM] ³	200	450	1100	1100
Outlet side oil mist concentration [AFM] ^{4/5}			Max. 1.0 mg/m ³ (ANR) (=0.8 ppm)	
Bowl material [AF/AFM]			Polycarbonate	
Bowl guard [AF/AFM]	Semi-standard (Steel)		Standard (Polycarbonate)	
Construction [AR]			Relieving type	
Weight [kg]	0.38	0.77	1.39	1.53

*1 Pressure gauge connection threads are not available for F.R.L. unit with a square embedded type pressure gauge or with a digital pressure switch.

*2 −5 to 50°C for the products with the digital pressure switch

*3 Conditions: Mist separator inlet pressure: 0.7 MPa; The rated flow varies depending on the inlet pressure.

Keep the air flow within the rated flow to prevent an outflow of lubricant to the outlet side.

*4 When the compressor oil mist discharge concentration is 30 mg/m³ (ANR). *5 Bowl seal and other O-rings are slightly lubricated.