## Air Filter + Regulator + Lubricator

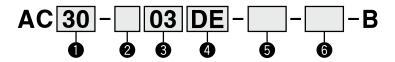
## AC20-B to AC60-B



The AC20 to 60-B is to be discontinued as of March 2025. Select the AC20 to 60-D as a substitute. Click here for details.

**How to Order** 

Refer to page 7 for size 10.

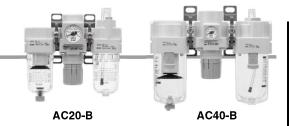


 Option/Semi-standard: Select one each for a to m.
 Option/Attachment/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order. Example) AC30-F03DE1-KSTV-136NR-B

						0										
				Symbol	Description	Body size										
						20	25	30	40	50	55	60				
					Rc	•	•	•	•	•	•	•				
Pipe thread type			thread type	N*1	NPT	•	•	•	•	•	•	•				
				F*2	G	•	•	•	•	•	•	•				
				+												
				01	1/8		_	_	_	_	_	_				
	Port size			02	1/4	•	•	•	•	_	_	_				
8				03	3/8	_	•	•	•	_	_	_				
•			011 3120	04	1/2	_		_	•	_	_					
				06	3/4	_	<u> </u>	_	•	•	_					
				10	1	_	-	_	_		•					
				+		_	1 -	-		۱.	I =					
			Float type auto drain	Nil	Without auto drain	•	1	•	•	•	•					
		а		C*4	N.C. (Normally closed) Drain port is closed when pressure is not applied.		•	•	•	•	•					
				<b>D</b> *5	N.O. (Normally open) Drain port is open when pressure is not applied.		•	•			•					
				+	With and areasymptotic											
	*3	b	Pressure gauge *6	Nil E	Without pressure gauge		•	•	•							
4	Option			G	Square embedded type pressure gauge (with limit indicator)  Round type pressure gauge (with limit indicator)		•	•	•		•					
				M	Round type pressure gauge (with limit indicator)  Round type pressure gauge (with color zone)			•	•		•					
				E1	Output: NPN output, Electrical entry: Wiring bottom entry			•	•							
			Digital pressure switch	E2	Output: NPN output, Electrical entry: Wiring bottom entry			•	•							
				E3	Output: PNP output, Electrical entry: Wiring bottom entry			•	•			•				
				E4	Output: PNP output, Electrical entry: Wiring top entry			•	•		•					
				+	- a para con carpan, a como anno a como como como como como como como c											
			Check valve	Nil	Without attachment	•	•	•	•	•	•					
		С		K	Mounting position: AF+AR+ <b>K</b> +AL		•	•	●*7	_	_	_				
				+												
	Attachment		Pressure	Nil	Without attachment	•	•	•	•	•	•					
		d	switch	S*8	Mounting position: AF+AR+S+AL		•	•	•	•	•	•				
6	ch			+												
	Atta	е	6	Atta	e	e	T-spacer	Nil	Without attachment	•	•	•	•	•	•	•
			1 Spacer	<b>T</b> *8	Mounting position: AF+ <b>T</b> +AR+AL		•	•	•	•	•					
				+			_				1					
		f	Pressure relief	Nil	Without attachment		•	•	•	•	•					
		3 port valve		V	Mounting position: AF+AR+AL+ <b>V</b>		•	•	•	•	_					
				+		_		_			_					
	Semi-standard	g	Set pressure *9	Nil	0.05 to 0.85 MPa setting		•	•	•	•						
		_	pressure	1	0.02 to 0.2 MPa setting			•	•	•	•					
				+ Nil	Polycorhonato howl											
6	tanc			2	Polycarbonate bowl Metal bowl			•	•		•					
	is-ic			6	Nylon bowl											
	Sen	h	Bowl *10	8	Metal bowl with level gauge			•	•		•					
	"			C	With bowl guard		*11	*11	*11	*11	*11	*11				
				6C	With bowl guard (Nylon bowl)		*12	*12	*12	*12	*12	*12				
				00	THE DOWN GUARA (TAYLOTT DOWN)											



## Air Combination AC20-B to AC60-B Series



	_								0			
				Symbol	Description			В	ody siz	e.		
						20	25	30	40	50	55	60
				Nil	With drain cock	•	•	•	•	•	•	•
		ı	Air filter		Drain guide 1/8	•	_	_	_	_	_	_
6		•	drain port *13	J	Drain guide 1/4	_	•	•	•	•	•	•
				<b>W</b> *15	Drain cock with barb fitting (for ø6 x ø4 nylon tube)	_	•	•	•	•	•	
			Lubricator lubricant	Nil	Without drain cock		•	•	•	•	•	
	ard	J	exhaust port	<b>3</b> *16	Lubricator with drain cock		•	•	•	•	•	
	ng	+										
6	st	k	Exhaust	Nil	Relieving type	•	•	•	•	•	•	•
	Ē	" mechanism		N	Non-relieving type	•	•	•	•	•	•	
	l s											
			Flow direction	Nil	Flow direction: Left to right		•	•	•	•	•	
		•	1 low direction	R	Flow direction: Right to left		•	•	•	•	•	
		_										
				Nil	Name plate, caution plate for bowl, and pressure gauge in SI units: MPa	•	•	•	•	•	•	•
		m	Pressure unit	<b>Z</b> *17	Name plate, caution plate for bowl, and pressure gauge in imperial units: psi, °F	O*19	O*19	O*19	O*19	O*19	O*19	O*19
				<b>ZA</b> *18	Digital pressure switch: With unit selection function	△*20	△*20	△*20	△*20	△*20	△*20	△*20

- \*1 Drain guide is NPT1/8 (applicable to the AC20-B) and NPT1/4 (applicable to the AC25-B to AC60-B). The auto drain port comes with Ø3/8" One-touch fitting
- (applicable to the AC25-B to AC60-B).

  \*2 Drain guide is G1/8 (applicable to the AC20-B) and
- G1/4 (applicable to the AC25-B to AC60-B).

  \*3 Options G, M are not assembled and supplied loose at
- \*3 Options G, M are not assembled and supplied loose at the time of shipment.
- \*4 When pressure is not applied, condensate which does not start the auto drain mechanism will be left in the bowl. Releasing the residual condensate before ending operations for the day is recommended.
- \*5 If the compressor is small (0.75 kW, discharge flow is less than 100 L/min[ANR]), air leakage from the drain cock may occur during start of operations. N.C. type is recommended.
- \*6 When the pressure gauge is attached, a 1.0 MPa

- pressure gauge will be fitted for standard (0.85 MPa) type. 0.4 MPa pressure gauge for 0.2 MPa type.
- \*7 Not available with piping port size: 06
- \*8 The bracket position varies depending on the T-spacer or pressure switch mounting.
- \*9 Pressure can be set higher than the specification pressure in some cases, but use pressure within the specification range.
- \*10 Refer to chemical data on page 46 for chemical resistance of the bowl.
- \*11 A bowl guard is provided as standard equipment (polycarbonate).
- \*12 Å bowl guard is provided as standard equipment (nylon).
- \*13 The combination of float type auto drain: C and D is not available.
- not available.
  \*14 Without a valve function

- \*15 The combination of metal bowl: 2 and 8 is not available.
- \*16 When choosing with W: Filter drain port, the drain cock of a lubricator will be with barb fittings.
- 17 For pipe thread type: NPT.

This product is for overseas use only according to the new Measurement Act. (The SI unit type is provided for use in Japan.)

Cannot be used with M: Round type pressure gauge (with color zone). Available by request for special. The digital pressure switch will be equipped with the unit selection function, setting to psi initially.

- unit selection function, setting to psi initially.

  \*18 For options: E1, E2, E3, E4. This product is for overseas use only according to the new Measurement Act. (The SI unit is provided for use in Japan.)
- \*19 O: For pipe thread type: NPT only \*20 \(\triangle:\) Select with options: E1, E2, E3, E4.

## Standard Specifications

	Model	AC20-B	AC25-B	AC30-B	AC40-B	AC40-06-B	AC50-B	AC55-B	AC60-B		
	Air Filter [AF]	AF20-A	AF30-A	AF30-A	AF40-A	AF40-06-A	AF50-A	AF60-A	AF60-A		
Component	Regulator [AR]	AR20-B	AR25-B	AR30-B	AR40-B	AR40-06-B	AR50-B	AR50-B	AR60-B		
Component	Lubricator [AL]	AL20-A	AL30-A	AL30-A	AL40-A	AL40-06-A	AL50-A	AL60-A	AL60-A		
Port size		1/8, 1/4	1/4, 3/8	1/4, 3/8	1/4, 3/8, 1/2	3/4	3/4, 1	1	1		
Pressure gau	ge port size [AR] *1	1/8									
Fluid		Air									
Ambient and	fluid temperature *2	−5 to 60°C (with no freezing)									
Proof pressu	re	1.5 MPa									
Maximum op	erating pressure	1.0 MPa									
Set pressure	range [AR]	0.05 to 0.85 MPa									
Nominal filtra	ation rating [AF]	5 μm									
Recommend	ed lubricant [AL]	Class 1 turbine oil (ISO VG32)									
Bowl materia	I [AF/AL]	Polycarbonate									
Bowl guard [	AF/AL]	Semi-standard (Steel) Standard (Polycarbonate)									
Construction	[AR]	Relieving type									
Weight [kg]		0.39	0.70	0.78	1.39	1.53	3.43	3.71	3.76		

<sup>\*1</sup> 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.



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<sup>\*2 -5</sup> to 50°C for the products with the digital pressure switch