

Series ACG

How to Order

ACG 30 A 03 G1

Body size

Symbol	Port size
20	1/8
30	3/8
40	1/2

Model combination

Symbol	Combination				
	Air filter	Regulator with Built-in Pressure Gauge	Lubricator	Filter Regulator with Built-in Pressure Gauge	Mist separator
Nil	(1)	(2)	(3)	—	—
A	—	—	(2)	(1)	—
B ⁽¹⁾	(1)	(2)	—	—	—
C	(1)	(3)	—	—	(2)
D	—	—	—	(1)	(2)

Note 1) Wall mount is not available for size 20 regulator with downward facing handle in B combination. Contact SMC when wall mount is needed.

Note 2) The number inside () indicates the combination order counted from the inlet side.

Thread type

Symbol	Type
Nil	Rc
N	NPT
F	G

Note 3) Drain guide is NPT1/8 for ACG20 and NPT1/4 for ACG30 and 40. Auto-drain port is provided with $\phi 3.8$ " One-touch fitting (applicable to ACG30 and 40).

Note 4) Drain guide is G1/8 for ACG20 and G1/4 for ACG30 and 40.

Port size

Symbol	Port size	Body size		
		20	30	40
01	1/8	●	—	—
02	1/4	●	●	●
03	3/8	—	●	●
04	1/2	—	—	●

Accessory

Symbol	Description	Applicable model
Nil	—	—
C	Float type auto-drain (Normally closed)	ACG20□ to 40□
D	Float type auto-drain (Normally open)	ACG30□, 40□

When more than one specification is required, indicate in ascending alphanumeric order.

Mounting angle of pressure gauge °0

Note 5) Mounting angle of pressure gauge is G1 only.
If other mounting angles are needed, contact SMC.
* Possible to change to the optional mounting angles.
For details, refer to the back of page 6, "Procedure for replacing or changing the mounting angle of a pressure gauge"

Option

Symbol	Description	Applicable model
Nil	—	—
1 ⁽⁸⁾	0.02 to 0.2 MPa setting	ACG20□ to 40□
2	Metal bowl	ACG20□ to 40□
3	Lubricator with drain cock	ACG20□ to 40□
6	Nylon bowl	ACG20□ to 40□
8	Metal bowl with level gauge	ACG30□, 40□
C	With bowl guard	ACG20□
J ⁽⁹⁾	Filter case with drain guide	ACG20□ to 40□
N	Non-relieving type	ACG20□ to 40□
R	Flow direction: Right → Left	ACG20□ to 40□
W	Drain cock with barb fitting: $\phi 6 \times \phi 4$ nylon tubing	ACG30□, 40□
Y	Regulator with upward facing handle	ACG20□ to 40□
Z ⁽¹⁰⁾	Name plate and pressure gauge in imperial units (PSI), caution plate for bowl (PSI·°F)	ACG20□ to 40□

* When more than one specification is required, indicate in ascending alphanumeric order

Note 8) Adjusting spring and pressure gauge (full-span 0.3 MPa) are different from those for the standard specification. Outlet pressure may increase by 0.2 MPa or more.

Note 9) Without a valve function.

Note 10) For thread type NPT

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

Attachment

Symbol	Description	Attachment mounting position	Applicable model	Port size for intermediate air release
Nil	—	—	—	—
K	Check valve	AF + ARG + [K] + AL AW + [K] + AL	ACG20 to 40 ACG20A to 40A	ACG20□: 1/8 ACG30□: 1/4 ACG40□: 3/8
S ⁽⁷⁾	Pressure switch	AF + ARG + [S] + AL AF + [S] + ARG AF + AFM + [S] + ARG	ACG20 to 40 ACG20B to 40B ACG20C to 40C	—
V	Residual pressure relief 3 port valve	AF + ARG + AL + [V] AW + AL + [V] AF + ARG + [V] AF + AFM + ARG + [V] AW + AFM + [V]	ACG20 to 40 ACG20A to 40A ACG20B to 40B ACG20C to 40C ACG20D to 40D	—

Note 6) When more than one attachment is required, order in alphabetical order.

Note 7) Pressure switch cannot be mounted on the inlet and outlet sides of an ARG with an upward facing handle (optional specification: -Y).

Mounting Angle of Pressure Gauge

Symbol	G1
Mounting angle	0°
Mounting angle view	
Mounting angle view (-R specification)	