

Regulator

25A-AR20-D to 25A-AR60-D

Regulator with Backflow Function

25A-AR20K-D to 25A-AR60K-D



How to Order

25A - AR **30** **K** - **03** **B** - **03** - D

① ② ③ ④ ⑤ ⑥

• Series compatible with secondary batteries

- Option/Semi-standard: Select one each for a to f.
- Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order. Example) 25A-AR30K-03B-1NR-D

	Symbol	Description	① Body size				
			20	30	40	50	60
② With backflow function	Nil	Without backflow function	●	●	●	●	●
	K*1	With backflow function	●	●	●	●	●
+							
③ Pipe thread type	Nil	Rc	●	●	●	●	●
	N	NPT	●	●	●	●	●
	F	G	●	●	●	●	●
+							
④ Port size	01	1/8	●	—	—	—	—
	02	1/4	●	●	●	—	—
	03	3/8	—	●	●	—	—
	04	1/2	—	—	●	—	—
	06	3/4	—	—	●	●	—
10	1	—	—	—	●	●	
+							
⑤ Option*2 a Mounting	Nil	Without mounting option	●	●	●	●	●
	B*3	With bracket	●	●	●	●	●
	H	With set nut (For panel fitting)	●	●	●	—	—
+							
⑥ Semi-standard b Set pressure	Nil	0.05 to 0.85 MPa setting	●	●	●	●	●
	1*4	0.02 to 0.2 MPa setting	●	●	●	●	●
+							
⑥ Semi-standard c Exhaust mechanism	Nil	Relieving type	●	●	●	●	●
	N	Non-relieving type	●	●	●	●	●
+							
⑥ Semi-standard d Flow direction	Nil	Flow direction: Left to right	●	●	●	●	●
	R	Flow direction: Right to left	●	●	●	●	●
+							
⑥ Semi-standard e Knob	Nil	Downward	●	●	●	●	●
	Y	Upward	●	●	●	●	●
+							
⑥ Semi-standard f Unit	Nil	Unit on product label: MPa, Pressure gauge in SI units: MPa	●	●	●	●	●
	Z*5	Unit on product label: psi, Pressure gauge: MPa/psi dual scale	○*5	○*5	○*5	○*5	○*5

- *1 Set the inlet pressure to at least 0.05 MPa higher than the set pressure.
- *2 Option "B", "H" are not assembled and supplied loose at the time of shipment.
- *3 Assembly of a bracket and set nuts.
- *4 Pressure can be set at the upper limit of the specification or more, however, be sure to set the pressure within specification.
- *5 ○: For pipe 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.)

* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

Bracket, Set Nut Part Nos. for the 25A- Series

Option	Model					
	25A-AR20(K)-D	25A-AR30(K)-D	25A-AR40(K)-D	25A-AR40(K)-06-D	25A-AR50(K)-D	25A-AR60(K)-D
Bracket assembly*1	25A-AR23P-270AS	25A-AR33P-270AS	25A-AR43P-270AS		25A-AR54P-270AS	
Set nut	AR23P-260S	AR33P-260S	AR43P-260S		—*2	

- *1 Assembly of a bracket and set nuts. For the 25A-AR50(K)-D and 25A-AR60(K)-D, the assembly consists of a bracket A/B and 2 mounting screws.
- *2 Please contact SMC regarding the set nuts for the 25A-AR50(K)-D and 25A-AR60(K)-D.