

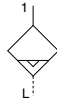
Auto Drain Valve

AD402-A Series

Piping direction **Vertical**



Symbol



Piping direction **Lateral**



Flow direction: IN port: Left side Flow direction: IN port: Right side

Specifications

Standard Specifications

Model		AD402-A	AD402T-A
Piping direction		Vertical (From the top of the product)	Lateral (From the side of the product)
Auto drain type		Float type	
Auto drain valve type		N.C. (Normally closed: Drain port is closed when pressure is not applied) N.O. (Normally open: Drain port is open when pressure is not applied)	
Fluid		Compressed air	
Ambient and fluid temperatures		-5 to 60°C (No freezing)	
Proof pressure		1.5 MPa	
Max. operating pressure		1.0 MPa	
Operating pressure range*1	N.C.	0.15 to 1.0 MPa	
	N.O.	0.1 to 1.0 MPa	
Port size		1/4, 3/8, 1/2	
Drain port size		3/8	
Bowl material		Polycarbonate	
Bowl guard material		Polycarbonate	
Weight		0.46 kg	0.52 kg
Appearance color		White	

*1 For the N.O. (Normally open) type, the discharged flow rate of the air compressor should be 400 L/min (ANR) or more.

How to Order

AD402 - **04** **D** - **A**

Piping direction

Symbol	Type
Nil	Vertical piping
T	Lateral piping

Thread type

Symbol	Type
Nil	Rc
F	G
N	NPT

Port size

Symbol	Port size
02	1/4
03	3/8
04	1/2

Auto drain type

Symbol	Description
C *1	N.C. (Normally closed) Drain port is closed when pressure is not applied.
D *2	N.O. (Normally open) Drain port is open when pressure is not applied.

*1 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.

*2 If the compressor is smaller than 3.7 kW, or discharge flow is less than 400 L/min (ANR), air leakage from the drain cock may occur during start of operations. N.C. type is recommended.

Proper use of float type auto drain ▶ See **P.493**

Semi-standard symbol: When plural options are required, indicate them in alphanumeric order.
Example) AD402-N04D-2VZ-A

Semi-standard specifications

		Symbol	Description
Bowl	*3	Nil	Polycarbonate bowl
		2	Metal bowl
		6	Nylon bowl
Flow direction	*4	Nil	IN port: Left side
		R	IN port: Right side
Valve		Nil	None*5
		V	With bleed valve
Pressure unit		Nil	Name plate and caution plate for bowl in SI units
		Z *6	Name plate and caution plate for bowl in imperial units

*3 Chemical resistance of the bowl ▶ See **P.494**

*4 Applicable only when the piping direction is lateral piping

Indicates the port direction when the name plate is viewed from the front

*5 For port size 1/4, the valve already mounted.

*6 Only NPT can be selected.

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