



ENIB Co., Ltd.

# ACA PNEUMATIC VALVE

ABSOLUTE CHEMICAL APPLICATION- PIPE CONNECTION TYPE

## OVERVIEW

ACA Pneumatic valve's all wetted parts are made of PFA material, and the valve is designed to generate optimal performance in handling high-purity chemicals.

## FEATURES

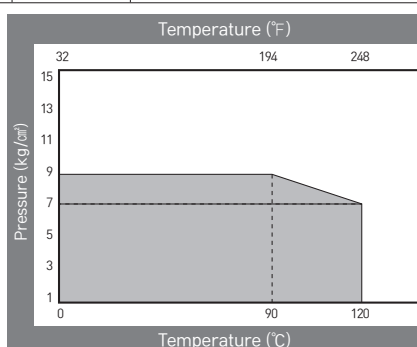
1. Based on GCA valve design
2. Suitable for handling strong acid and for preventing discoloration of non-flow stream components from chemical fume. Key parts are made of PFA material- valve body, bonnet, and fitting nut
3. Bonnet Lock and fitting Nut Lock stabilize and prevent loosening of valve components adding additional safety
4. Visually identifiable on and off indicator for precise valve operation

## TECHNICAL DATA

Actuator Type	Pneumatic Air Operation
Connection Type	ENIB Pipe Connection
Configuration	2-Way Flow / Orifice
Air Port	1/8"PT(Female)
Supply Pressure	Minimum 6 ~ Maximum 7kg/cm <sup>2</sup> (86~100 psi)

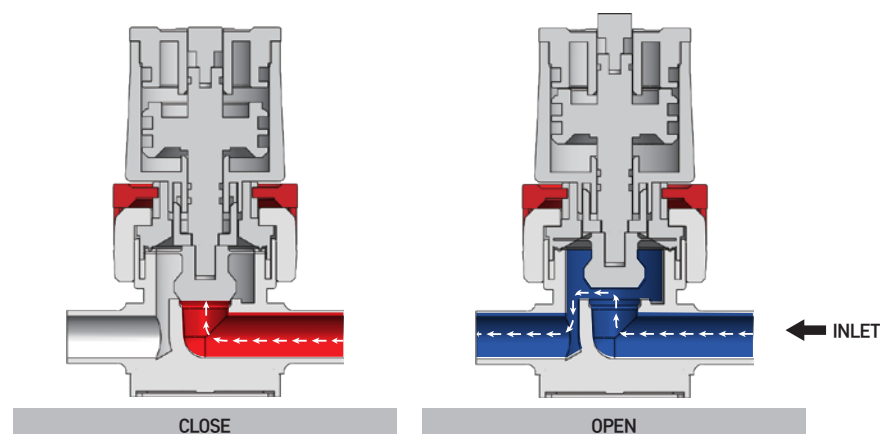
Model Number	Size	Orifice	Cv	Port Configuration
APV-P-15	15A	16.4	5.3	15A Pipe Connection
APV-P-20	20A	21	9	20A Pipe Connection
APV-P-25	25A	26.6	14.6	25A Pipe Connection

Operating Temperature	Operating Pressure
0 ~ 90 °C	9kg/cm <sup>2</sup> (0.9Mpa)
90 ~ 120 °C	7kg/cm <sup>2</sup> (0.7Mpa)

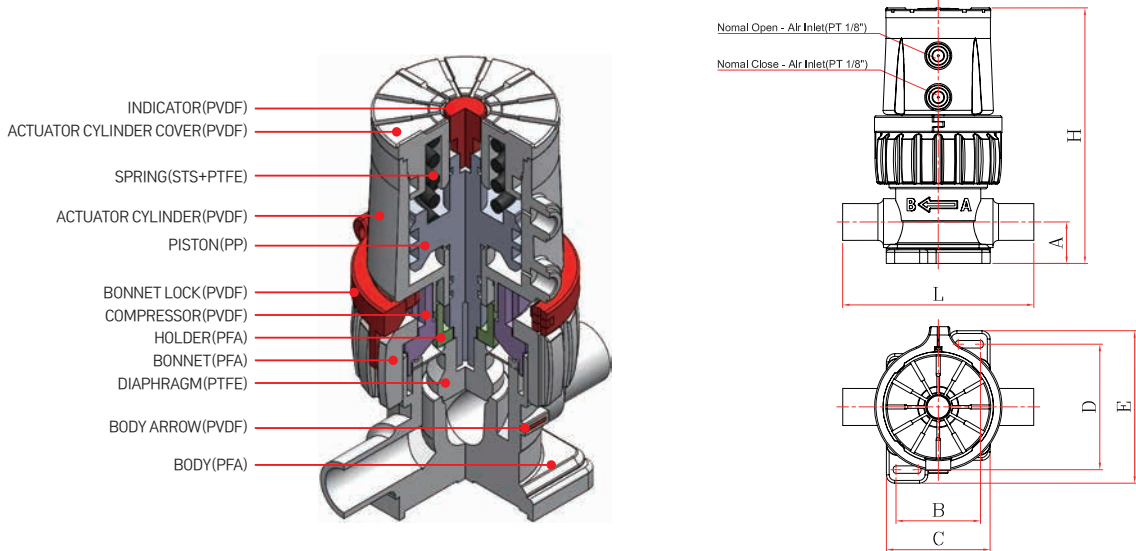


Standard Pipe Type Size  
15A, 20A, 25A

## 2-WAY FLOW PATTERNS



## MATERIAL CONSTRUCTION & DIMENSION TABLE



Size	A	H	L	B	C	D	E
15A	1.18"(30mm)	6.00"(152.5mm)	5.35"(136mm)	1.73"(44mm)	2.24"(57mm)	2.56"(65mm)	3.15"(80mm)
20A	1.18"(30mm)	7.26"(184.5mm)	5.43"(138mm)	2.40"(61mm)	2.95"(75mm)	3.56"(90.5mm)	4.33"(110mm)
25A	1.18"(30mm)	8.05"(204.5mm)	5.91"(150mm)	2.40"(61mm)	2.95"(75mm)	3.52"(89.5mm)	4.21"(107mm)

## HOW TO ORDER

### [Normal Close Type]

Type	CODE
ACA PNEUMATIC VALVE Normally Close Type	APV

Connection	CODE
PIPE	P

SIZE	CODE
15A	15
20A	20
25A	25

Example : APV-P-25

APV	ACA PNEUMATIC VALVE Normally Close Type
P	PIPE
25	25A

### [Normal Open Type]

Type	CODE
ACA PNEUMATIC VALVE Normally Open Type	APVO

Connection	CODE
PIPE	P

SIZE	CODE
15A	15
20A	20

Example : APVO-P-15

APVO	ACA PNEUMATIC VALVE Normally Open Type
P	PIPE
15	15A

## “ SMART VALUE OPERATION PRODUCT LINE UP ”

### ENIB (Extrusion & Injection, Basic Co., Ltd) Corporate Mission :

ENIB is to become a key provider of safe, high performance, and advanced technology device and components for fluid management systems and applications that meet or exceed the needs and requirements of global customers.

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