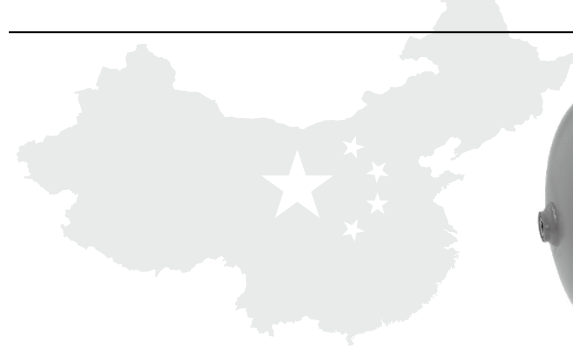


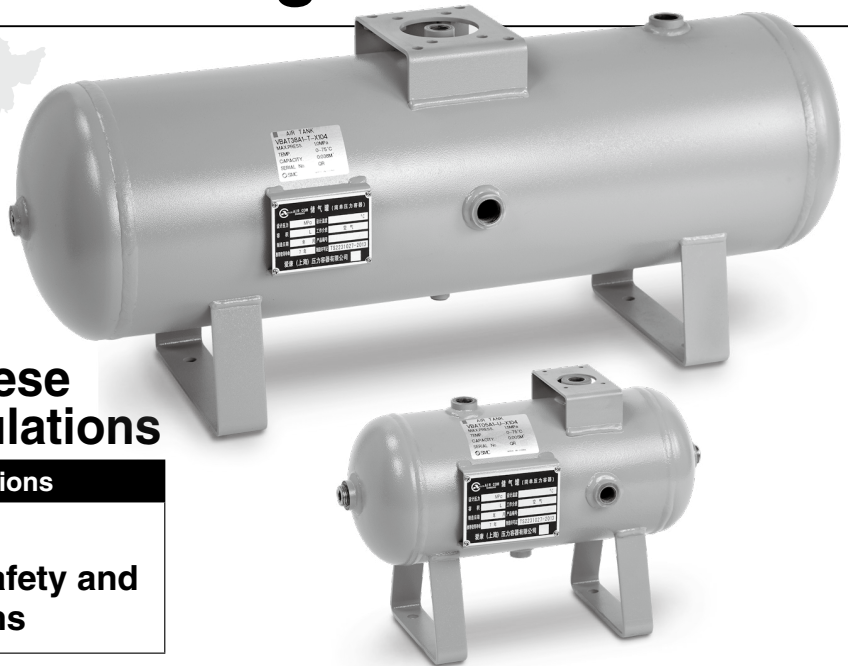
Chinese Pressure Vessel Regulations Compliant Product Air Tank for Booster Regulator



Compliant with Chinese pressure vessel regulations

Safety and Technical Regulations

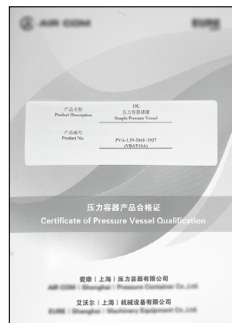
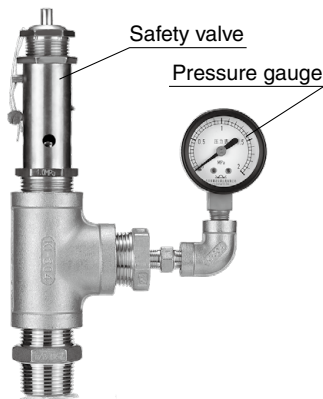
TSG R0003-2007
Simple Pressure Vessels Safety and Technical Regulations



Regulations compliant product

(Safety Technical Supervision Regulations for Safety Valves)
TSG ZF001-2006

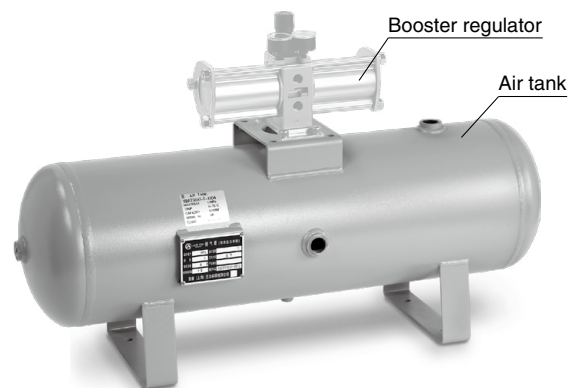
Safety valve/Pressure gauge set and product certificate are included.



Product certificate

Four kinds of tank capacities are available: 5 L/10 L/22 L/38 L (Carbon steel)

Compact connections are possible with booster regulators.



Compatible
with all series

Overseas Standards Variations*

Law	Main country/region	Details	Tank capacity
CE Marking Simple Pressure Vessels Directive	EU	Declaration of Conformity attached	5 L/10 L/22 L/38 L
Occupational Safety and Health Act	South Korea	Compliant product safety certificate attached	5 L/10 L/22 L/38 L

* Refer to Best Pneumatics No. 5 for details.

VBAT-X104



12-E598

How to Order

VBAT 05 A1 - U - X104

Tank capacity

Symbol	Internal capacity
05	5 L
10	10 L
20	22 L
38	38 L

• Chinese pressure vessel regulations compliant product

Safety valve/Pressure gauge set

Symbol	Applicable model
U	VBAT05A1, VBAT10A1
T	VBAT20A1, VBAT38A1

Note) When a drain valve is required, please order it separately.
Drain valve part no.: VBAT-V1

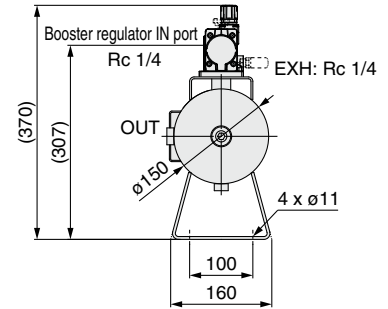
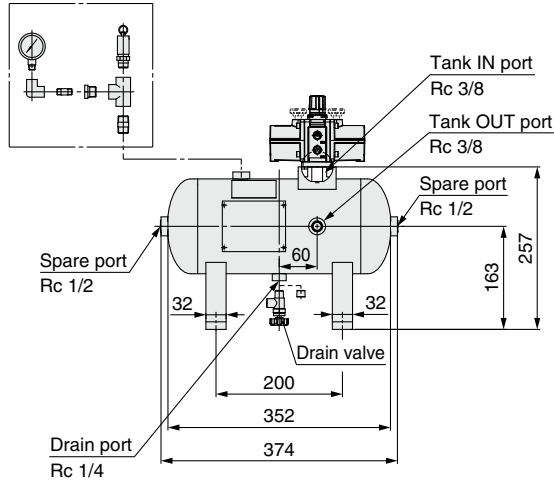
Specifications

Series	VBAT05A1	VBAT10A1	VBAT20A1	VBAT38A1
Tank capacity	5 L	10 L	22 L	38 L
Max. operating pressure	1.5 MPa		1.0 MPa	
Ambient and fluid temperature	0 to 75°C			
Weight	6.6 kg	11.5 kg	15.0 kg	26.0 kg
Material	Carbon steel			
Paint	Outside: Silver gray Inside: Phosphate coated treatment			
Included parts	<ul style="list-style-type: none">● Safety valve/Pressure gauge set: Safety valve, Pressure gauge, Piping for tank connections● Accessories: O-ring, Drain port plug, VBA connection thread (4 pcs.), Anchor bolt/nut (4 pcs.: only 22 L/38 L)● Product certificates: Product certificate, Product safety performance supervision test certificate, Product weight certificate, Manufacture license, Product manual, Completion drawing● Operation manual			

Dimensions

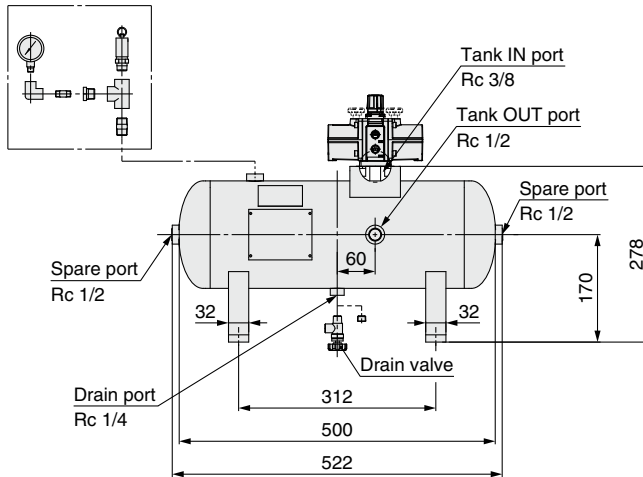
VBAT05A1-U-X104

Safety valve/Pressure gauge set
(Supplied with product)

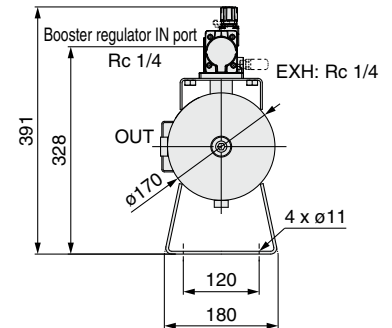


VBAT10A1-U-X104

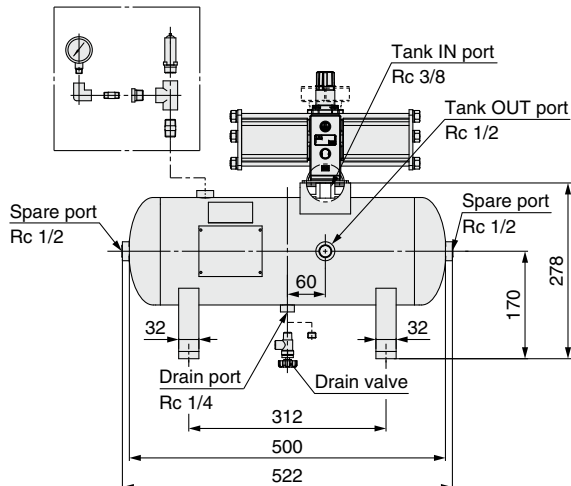
Safety valve/Pressure gauge set
(Supplied with product)



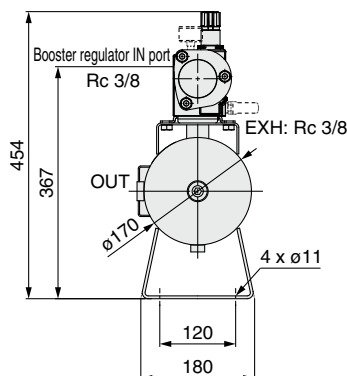
Connected to VBA10A



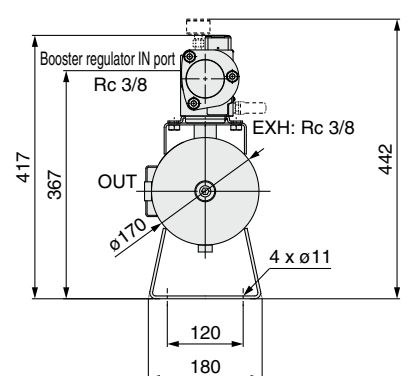
Safety valve/
Pressure gauge set
(Supplied with product)



Connected to VBA20A



Connected to VBA22A

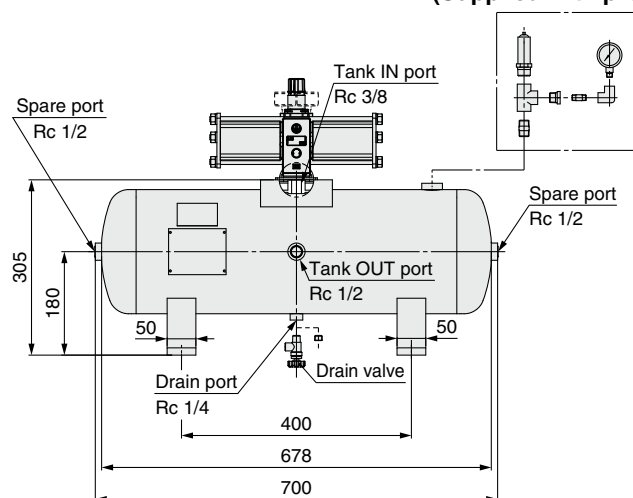


VBAT-X104

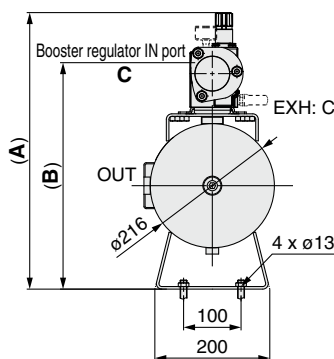
Dimensions

VBAT20A1-T-X104

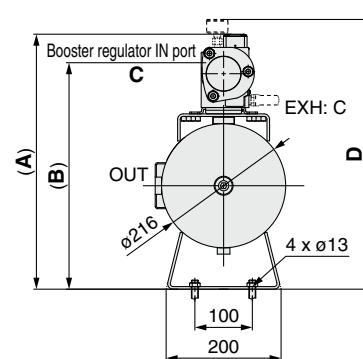
Safety valve/Pressure gauge set
(Supplied with product)



Connected to
VBA20A, 40A



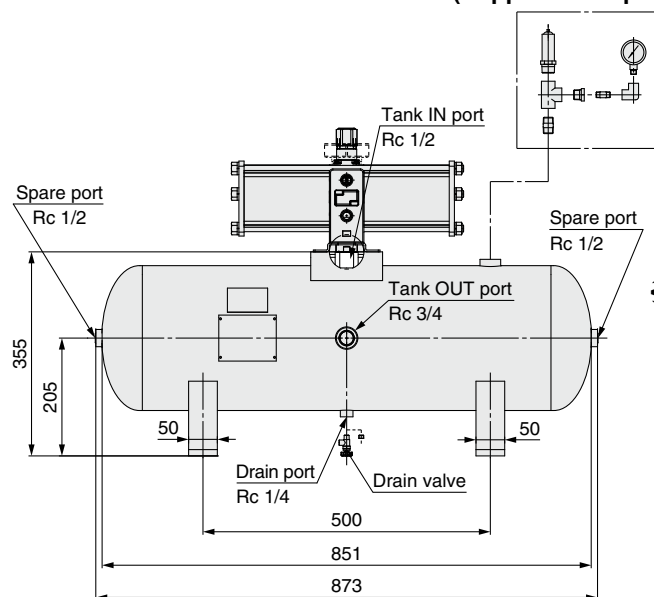
Connected to
VBA22A, 42A



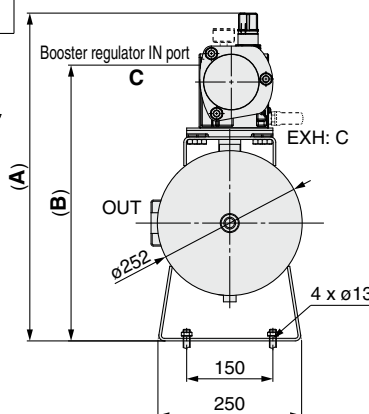
Booster regulator model	A	B	C	D
VBA20A	481	394	Rc 3/8	—
VBA40A	520	429.8	Rc 1/2	—
VBA22A	444	394	Rc 3/8	469
VBA42A	477	429.8	Rc 1/2	493

VBAT38A1-T-X104

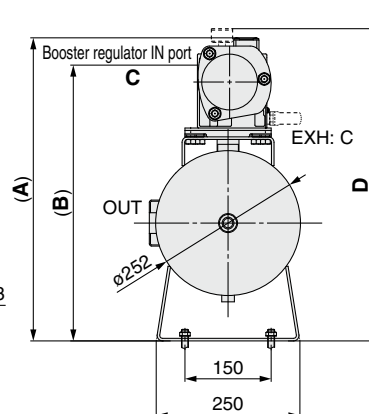
Safety valve/Pressure gauge set
(Supplied with product)



Connected to
VBA20A, 40A



Connected to
VBA22A, 42A



Booster regulator model	A	B	C	D
VBA20A	531	444	Rc 3/8	—
VBA40A	570	479.8	Rc 1/2	—
VBA22A	494	444	Rc 3/8	519
VBA42A	527	479.8	Rc 1/2	543

⚠ Caution

Before using the product, it is necessary to get the approval from the government offices in the relevant region in accord with the Chinese Pressure Vessel Act. For items details, refer to the contents of Regulations on Safety Supervision of Special Equipment in China.

⚠ To ensure the safest possible operation of this product, please be sure to thoroughly read the "Safety Instructions" in our "Best Pneumatics" catalog before use.

SMC Corporation