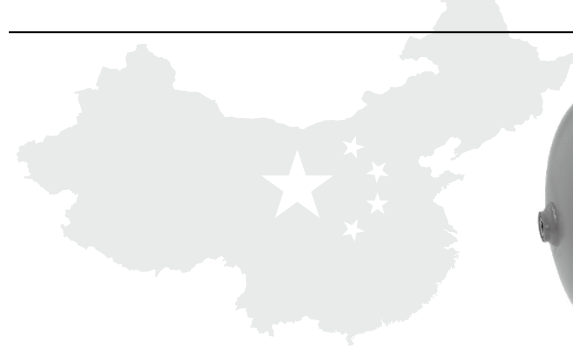


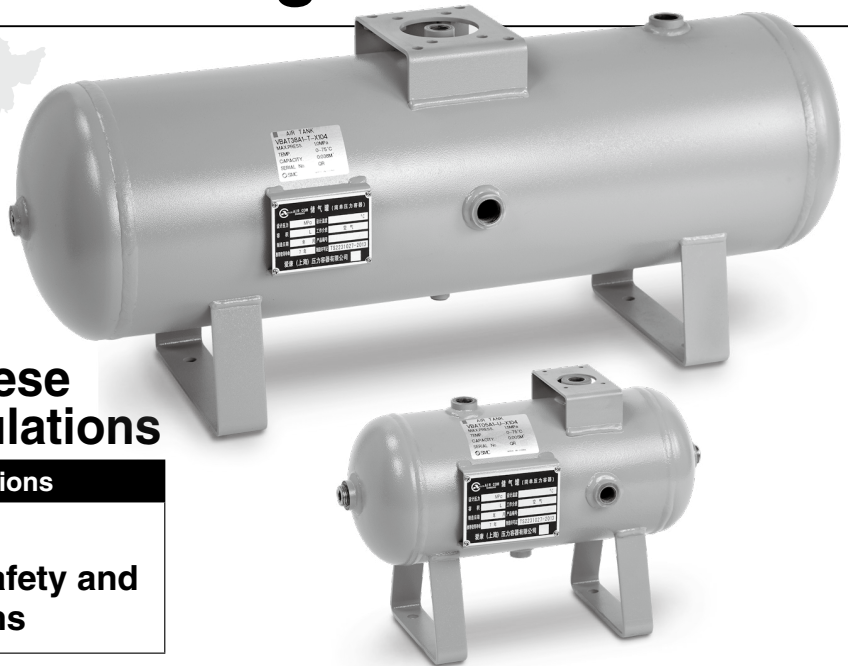
Chinese Pressure Vessel Regulations Compliant Product Air Tank for Booster Regulator



Compliant with Chinese pressure vessel regulations

Safety and Technical Regulations

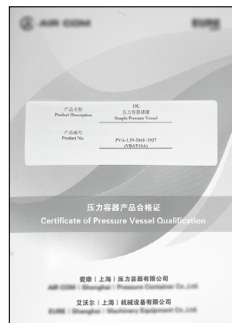
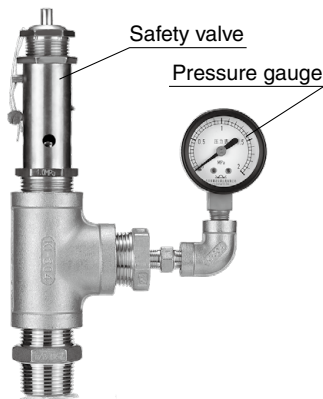
TSG R0003-2007
Simple Pressure Vessels Safety and Technical Regulations



Regulations compliant product

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

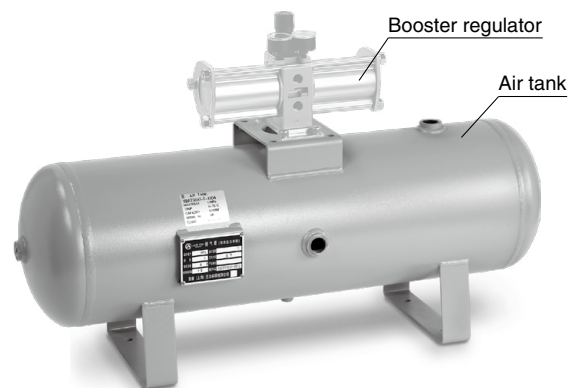
Safety valve/Pressure gauge set and product certificate are included.



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

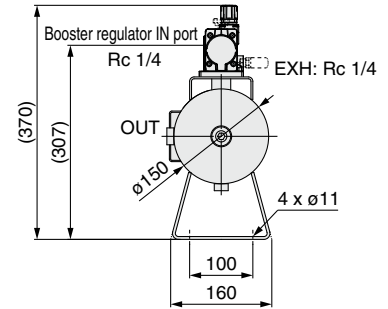
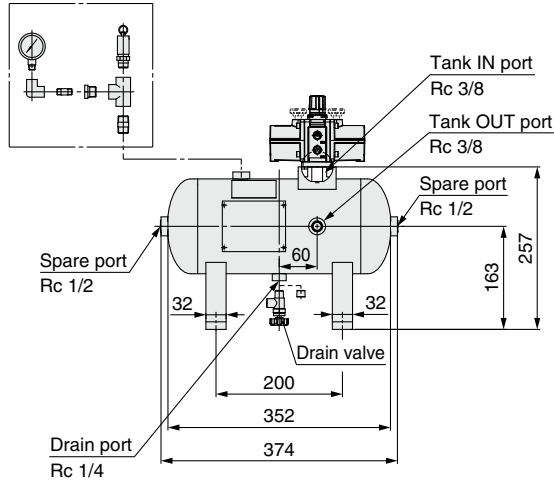
Specifications

| 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

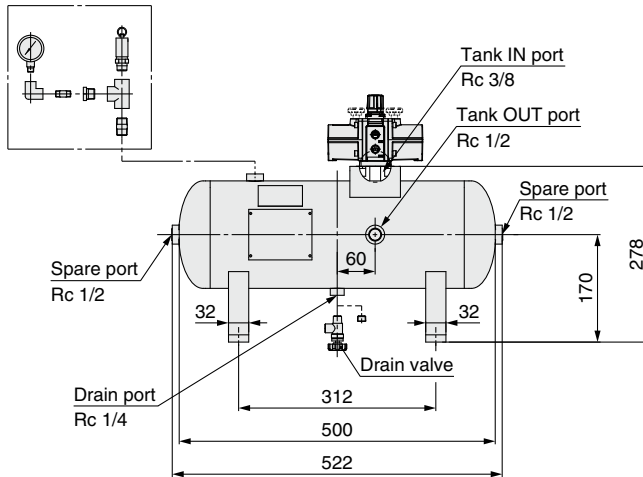
VBAT05A1-U-X104

Safety valve/Pressure gauge set
(Supplied with product)

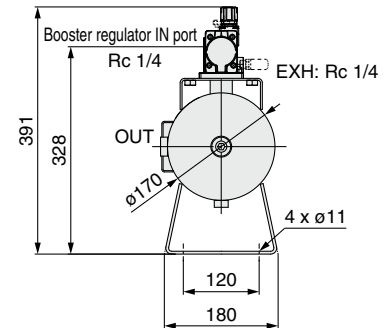


VBAT10A1-U-X104

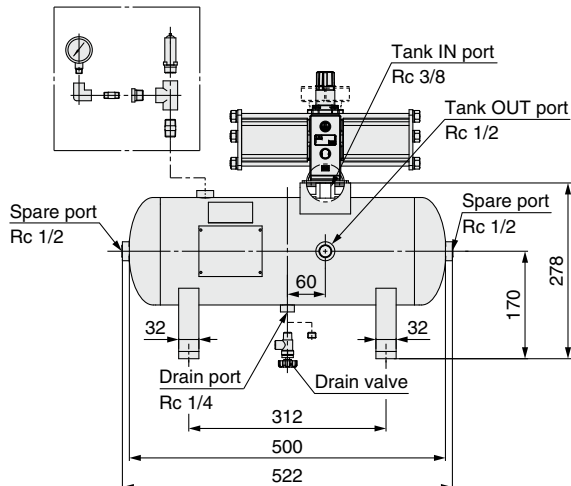
Safety valve/Pressure gauge set
(Supplied with product)



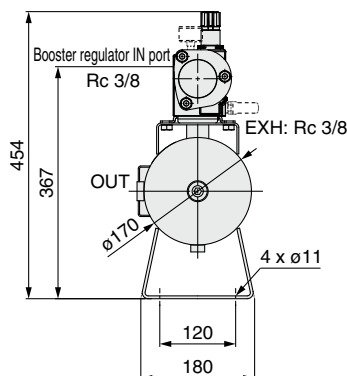
Connected to VBA10A



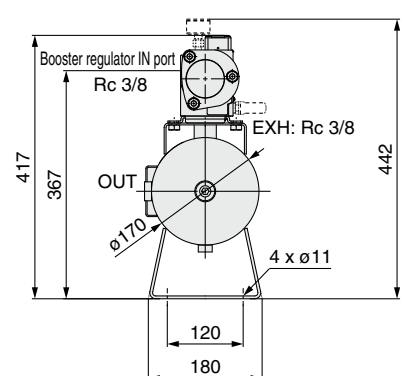
Safety valve/
Pressure gauge set
(Supplied with product)



Connected to VBA20A



Connected to VBA22A

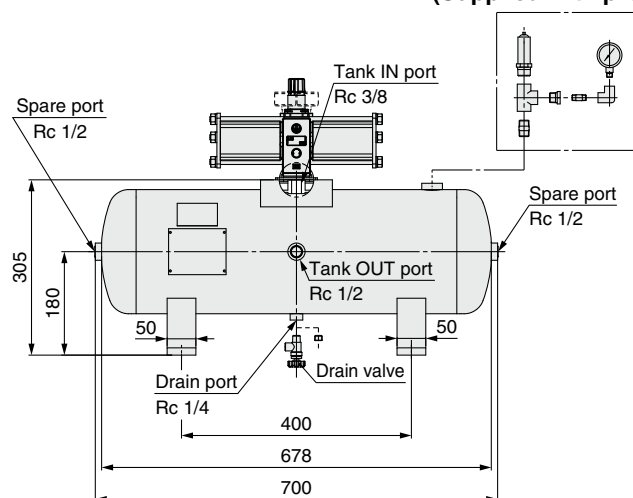


VBAT-X104

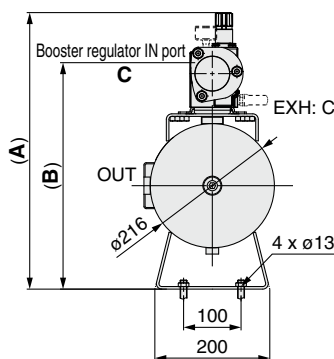
Dimensions

VBAT20A1-T-X104

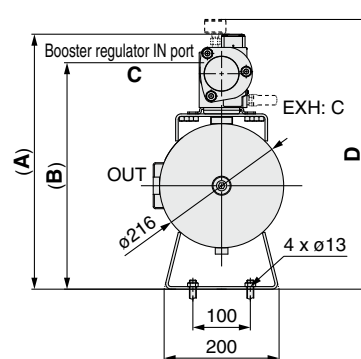
Safety valve/Pressure gauge set
(Supplied with product)



Connected to
VBA20A, 40A



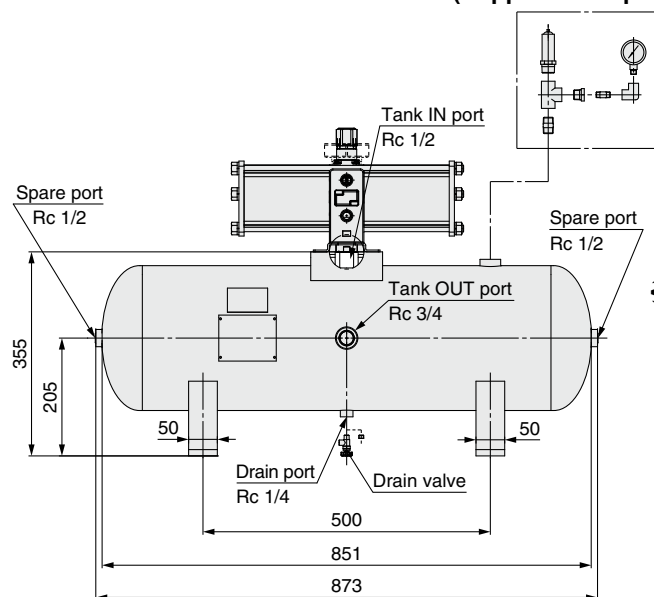
Connected to
VBA22A, 42A



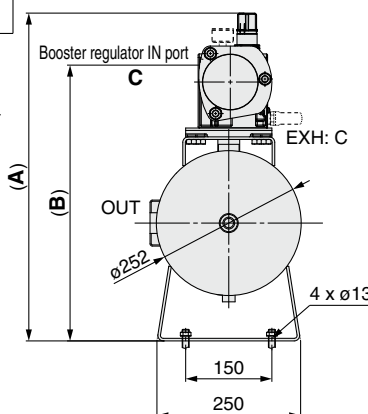
| Booster regulator model | A | B | C | D |
|-------------------------|-----|-------|--------|-----|
| VBA20A | 481 | 394 | Rc 3/8 | — |
| VBA40A | 520 | 429.8 | Rc 1/2 | — |
| VBA22A | 444 | 394 | Rc 3/8 | 469 |
| VBA42A | 477 | 429.8 | Rc 1/2 | 493 |

VBAT38A1-T-X104

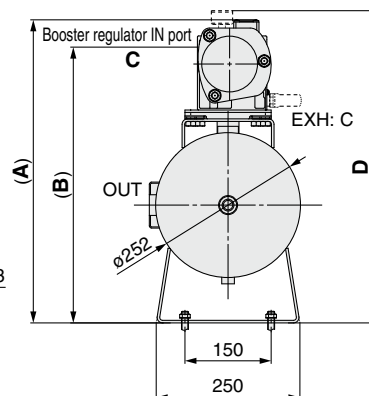
Safety valve/Pressure gauge set
(Supplied with product)



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