

Chinese Pressure Vessel Regulations Compliant Product Air Tank for Booster Regulator

Two types of tank materials are available.

Carbon Steel

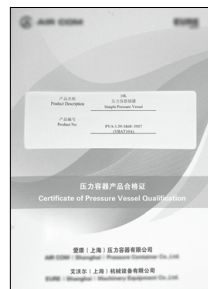
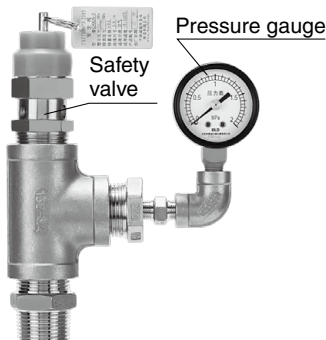
New Stainless Steel

Compliant with Chinese pressure vessel regulations

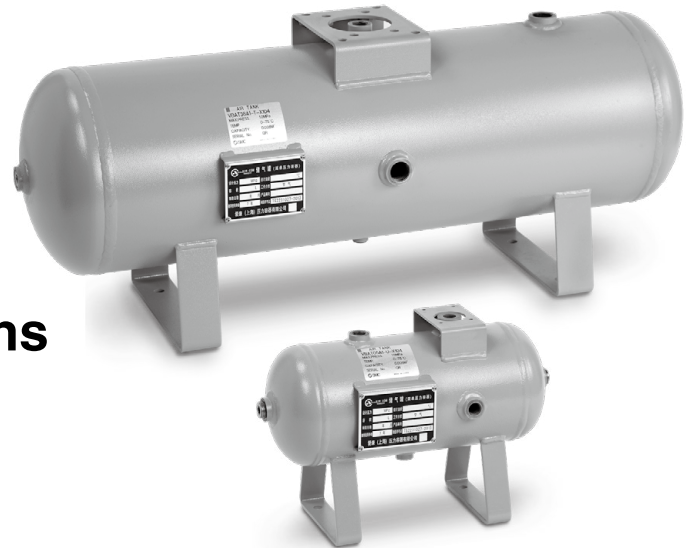
Safety and Technical Regulations

TSG R0003-2007
Simple Pressure Vessels Safety
and Technical Regulations

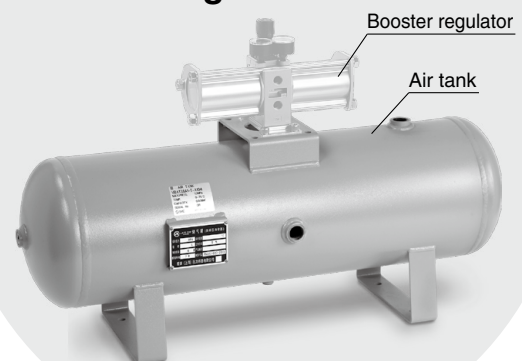
Regulations compliant product Safety valve/Pressure gauge set and product certificate are included.



Product certificate



Compact connections
are possible with booster
regulators.



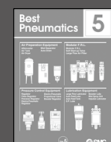
Four kinds of tank capacities are available: 5 L/10 L/22 L (20 L)/38 L

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/20 L/38 L |
| Occupational Safety and Health Act | South Korea | Compliant product safety certificate attached | 5 L/10 L/20 L/38 L |

* Refer to the **WEB** catalog or the Best Pneumatics No. 5 for details about models and specifications.



VBAT-X104

14-E640

How to Order

VBAT 05 A1 - U - X104

Tank capacity

| Symbol | Internal capacity |
|-----------|-------------------|
| 05 | 5 L |
| 10 | 10 L |
| 20 | 22 L, 20 L |
| 38 | 38 L |

Material

| Symbol | Material |
|-----------|-----------------|
| A1 | Carbon steel |
| S1 | Stainless steel |

• Chinese pressure vessel regulations compliant product

Safety valve/Pressure gauge set

| Symbol | Applicable model |
|----------|--|
| U | VBAT05A1, VBAT10A1 VBAT05S1, VBAT10S1 |
| T | VBAT20A1, VBAT38A1 VBAT20S1, VBAT38S1 |

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

Specifications

Material: Carbon steel

| Model | VBAT05A1 | VBAT10A1 | VBAT20A1 | VBAT38A1 |
|-------------------------------|---|----------|----------|----------|
| Fluid | Compressed air | | | |
| 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 | 14 kg | 21 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 screw (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 | | | |

Material: Stainless steel

| Model | VBAT05S1 | VBAT10S1 | VBAT20S1 | VBAT38S1 |
|-------------------------------|---|----------|----------|----------|
| Fluid | Compressed air | | | |
| Tank capacity | 5 L | 10 L | 20 L | 38 L |
| Max. operating pressure | 1.5 MPa | | 1.0 MPa | |
| Ambient and fluid temperature | 0 to 75°C | | | |
| Weight | 5.3 kg | 8 kg | 13 kg | 19 kg |
| Material | Stainless steel | | | |
| Surface treatment | Outside: Acid cleaning | | | |
| 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 screw (4 pcs.), Anchor bolt/nut (4 pcs.: only 20 L/38 L)● Product certificates: Product certificate, Product safety performance supervision test certificate, Product weight certificate, Manufacture license, Product manual, Completion drawing● Operation manual | | | |

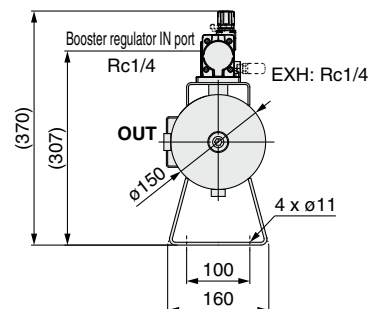
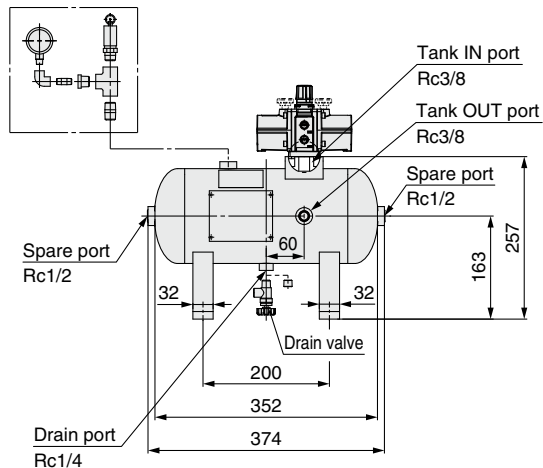


The product certificates are required when exporting to and using the product in China. Keep them in a safe place.

Dimensions

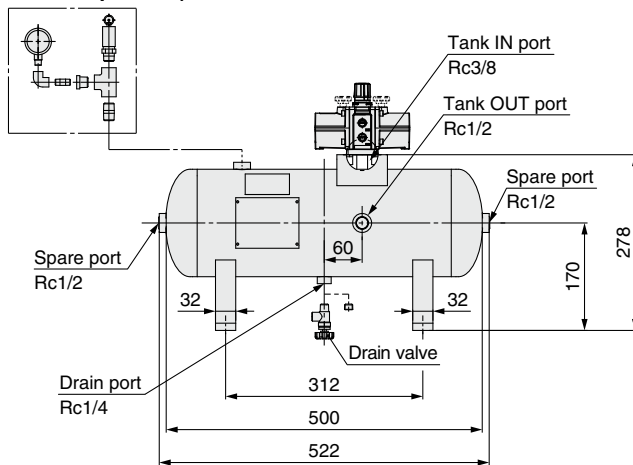
VBAT05A1-U-X104

Safety valve/Pressure gauge set
(Supplied with product)

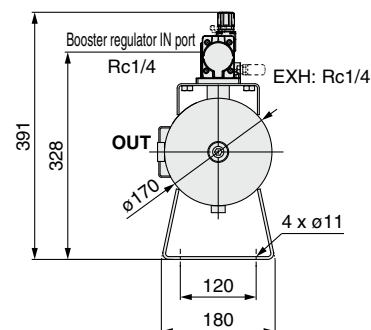


VBAT10A1-U-X104

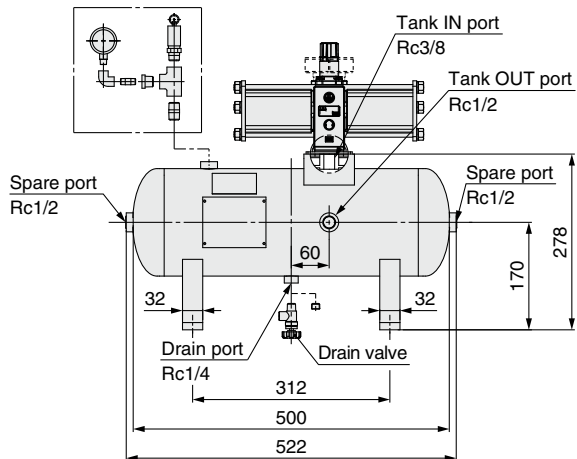
Safety valve/Pressure gauge set
(Supplied with product)



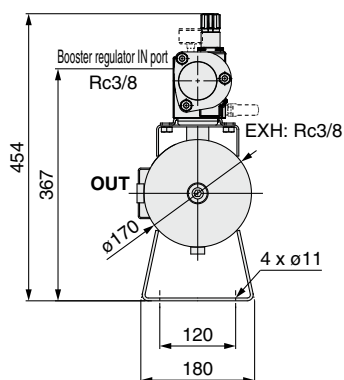
Connected to VBA10A



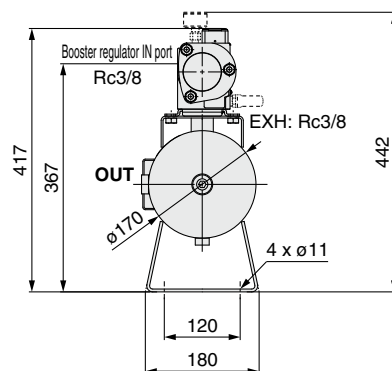
Safety valve/
Pressure gauge set
(Supplied with product)



Connected to VBA20A



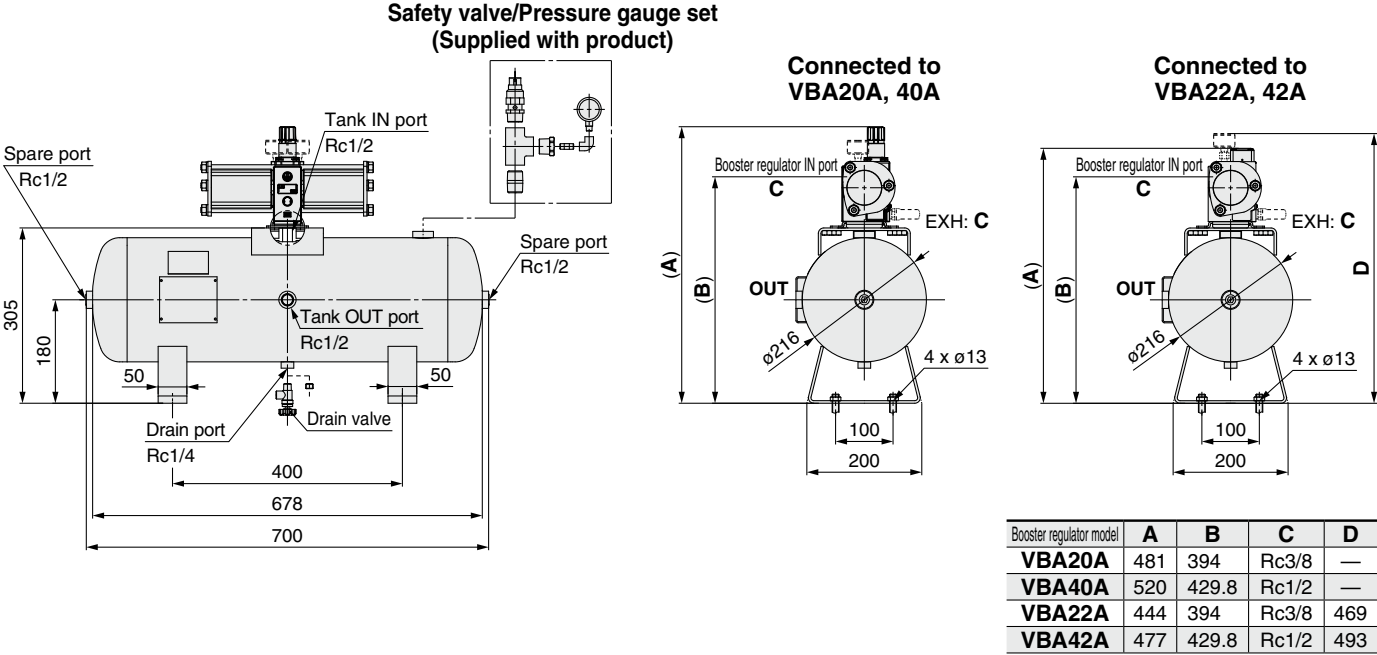
Connected to VBA22A



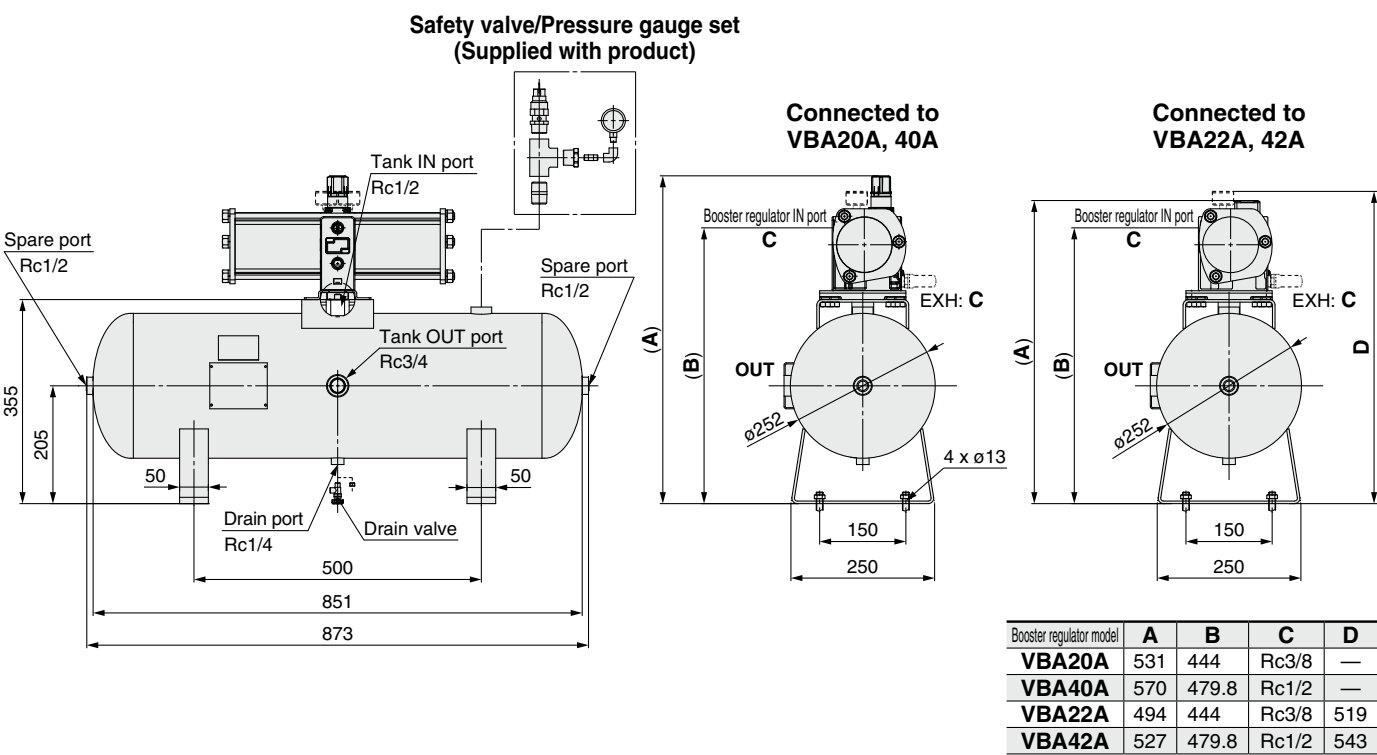
VBAT-X104

Dimensions

VBAT20A1-T-X104



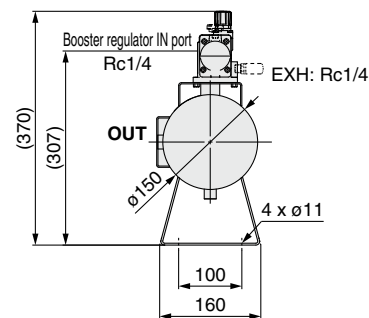
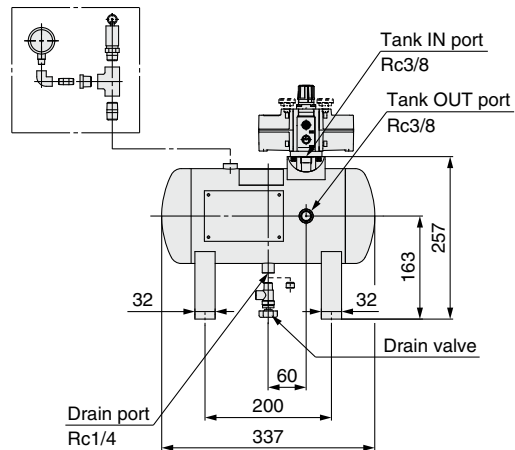
VBAT38A1-T-X104



Dimensions

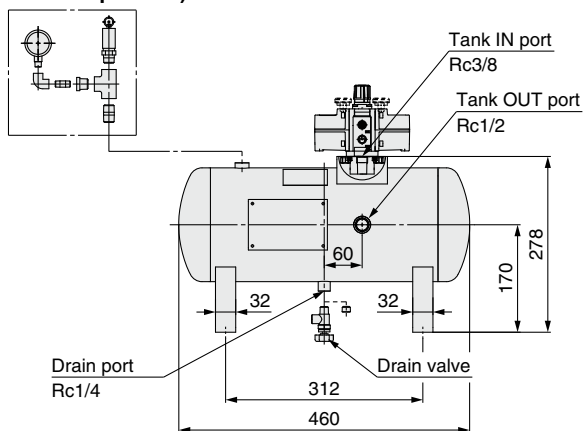
VBAT05S1-U-X104

Safety valve/Pressure gauge set
(Supplied with product)

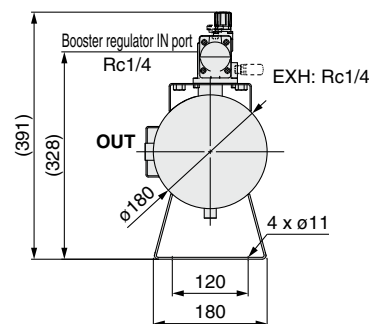


VBAT10S1-U-X104

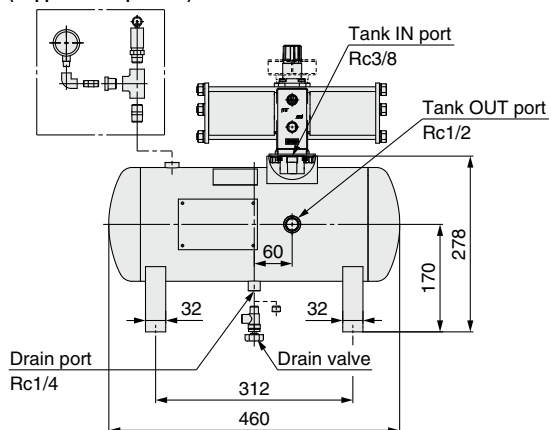
Safety valve/Pressure gauge set
(Supplied with product)



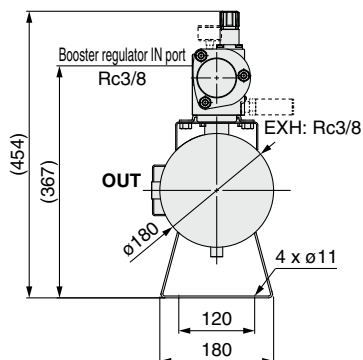
Connected to VBA10A



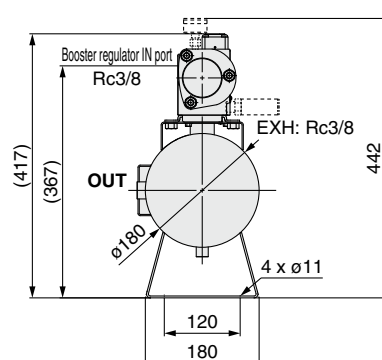
Safety valve/Pressure gauge set
(Supplied with product)



Connected to VBA20A



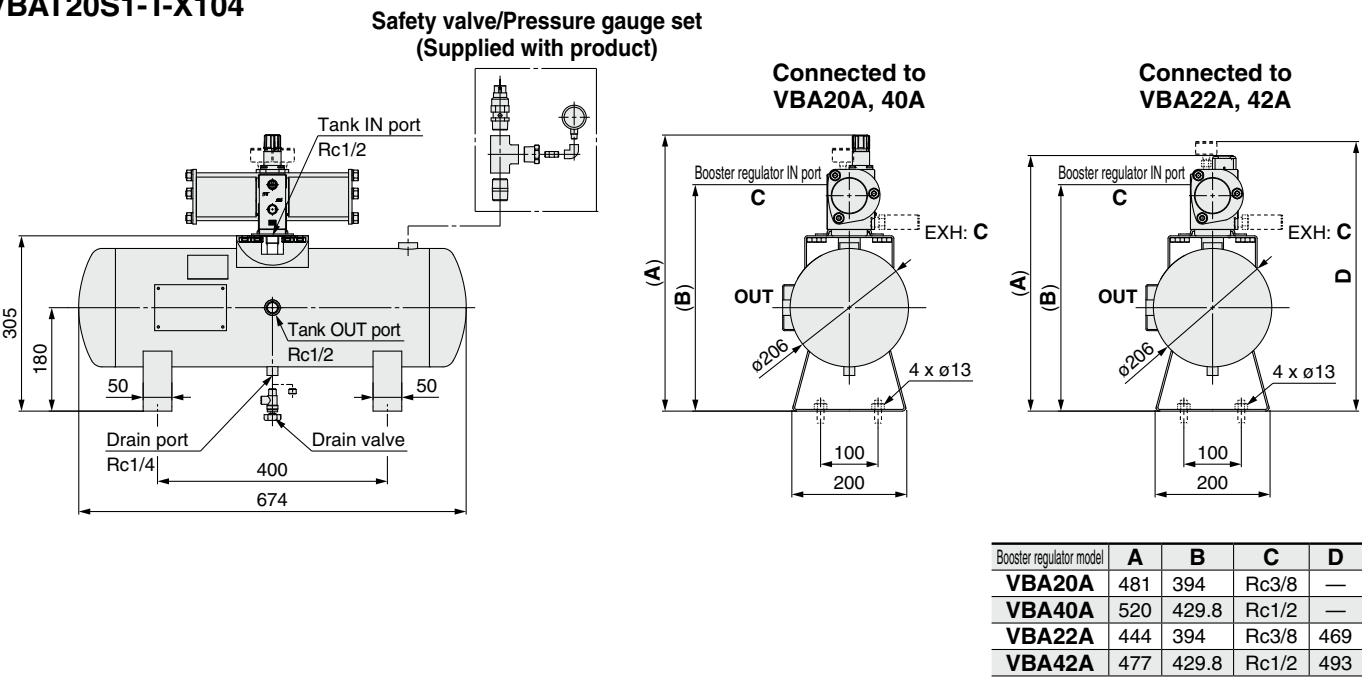
Connected to VBA22A



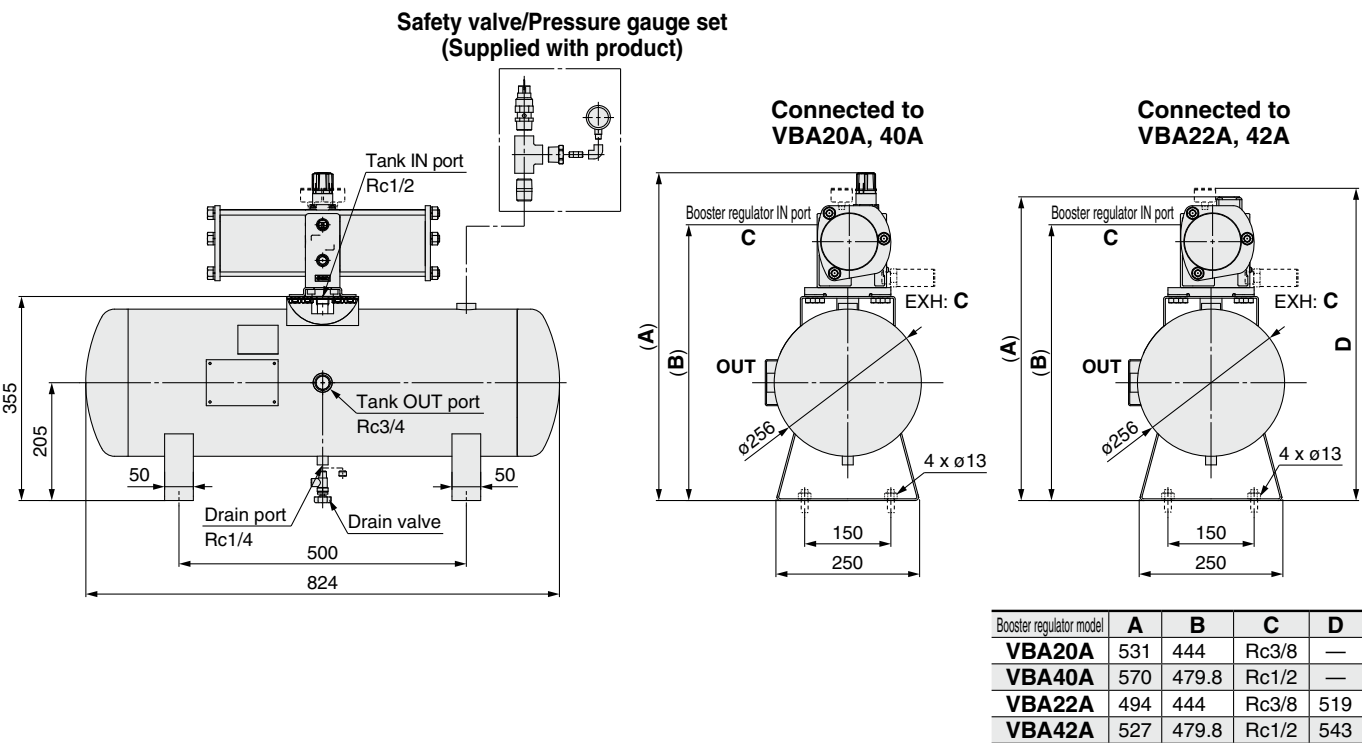
VBAT-X104

Dimensions

VBAT20S1-T-X104



VBAT38S1-T-X104



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.