## **VBAT05** to 38

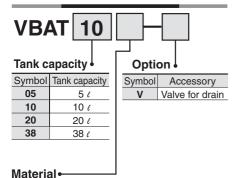
# **Related Products:**

This is a small capacity air tank to which a booster valve can be connected directly in a compact manner. It does not comply with the Class 2 Pressure Vessel requirement.

It can be used alone as a tank.



## **How to Order**



Symbol	Material
Nil	Carbon steel

Stainless steel 304

#### Model (Material: Carbon steel)

Model		VBAT05	VBAT10	VBAT20	VBAT38			
Maximum operating pre	ssure	2.0	MPa	1.0 MPa				
Ambient and fluid temp	erature	0 to 75°C						
Steel tensil strength		270 N	N/mm²	400 N/mm²				
Material		SP	CE	SS400				
Tank capacity		5ℓ	10ℓ	20ℓ	38ℓ			
Connection port size Rc	IN	3/8	1/2	3/4	3/4			
	OUT	3/8	1/2	1/2	3/4			
Weight (kg)		4.8	7.7 14		21			
Accessory's part no.		VBAT5-Y-2	VBAT10-Y-2	VBAT20-Y-2				

### Model (Material: Stainless steel)

Model		VBAT05S	VBAT10S	VBAT38S				
Maximum operating pre	essure	2.0 MPa						
Ambient and fluid temp	erature	0 to 75°C						
Steel tensil strength		520 N/mm²						
Material		Stainless steel 304						
Tank capacity		5 ℓ	10 ℓ	38 ℓ				
Connection port size Rc	IN	3/8	1/2	3/4	3/4			
	OUT	3/8	1/2	1/2	3/4			
Weight (kg)		3.2	4.9	19				
Accessory's part no.		VBAT5-Y-2	VBAT10-Y-2	T10-Y-2 VBAT20S'-Y-2				

#### **Accessory**

Accessory	Standard	Anchor bolt, Hexagon head bolt, Bushing for connection, Plug for drain port Note)					
	Option	Valve for drain VBAT-V (Material C3604)					
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Note) Anchor bolt is not included in VBAT05, VBAT05S, VBAT10 and VBAT10S.

#### Class 2 Pressure Vessel (Japan use only)

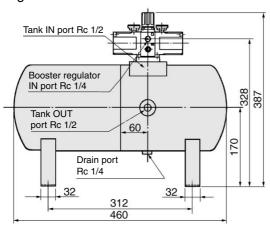
Regarding vessels (1) with an internal volume of 40 liters or more, or (2) with an internal diameter
of trunk is 200 mm or more and its length is 1000 mm or more, procedures will be required based
on the statute of Japanese labor ministry.

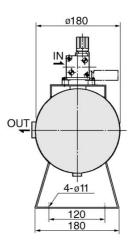
#### **Dimensions** VBAT05, VBAT05S With booster regulator VBA1100/VBA1111 connected. ø160 Booster regulator IN port Rc 1/4 ΙN Tank IN port Rc 3/8 R 1/4 Tank OUT port Rc 3/8 60 60.5 (Fully closed) 65 (Fully closed) OUT 33 40 257 Hexagon across flats19 Drain port Rc 1/4 4-ø11 mounting hole 100 200 160 300

## **Dimensions**

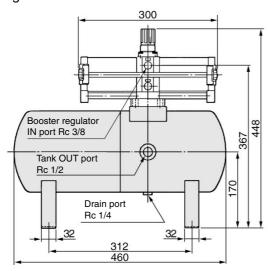
## VBAT10, VBAT10S

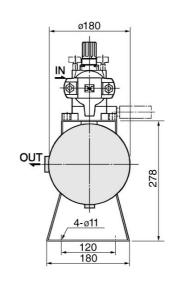
With booster regulator VBA1100/VBA1111 connected.



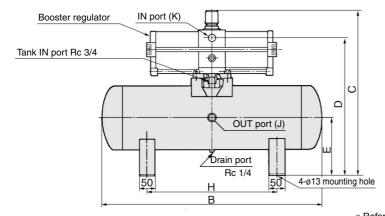


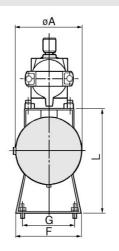
With booster regulator VBA2100 connected





## VBAT20, VBAT38, VBAT20S, VBAT38S





 $\ast$  Refer to the mounting instructions to mount booster regulator and air tank.

Tank model	Booster part no.	øΑ	В	С	D	Е	F	G	Н	J	K	L
	VBA2100-03	206	674	475	394	180 200	200	00 100	400	Rc 1/2	Rc 3/8	305
VBAT20	VBA2200-03			432								
VBAT20S	VBA4100-04			512	430		200				Rc 1/2	
	VBA4200-04			472							RC 1/2	
	VBA2100-03	256	824	525	444		250	150	500	Rc 3/4	Rc 3/8	355
VBAT38	VBA2200-03			482		205						
VBAT38S	VBA4100-04			562	480	205					D- 4/0	
	VBA4200-04			522							Rc 1/2	

**SMC** 

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