

# Air Tank

## Series AT



JIS Symbol



### ⚠ Precautions

Be sure to read before handling. Refer to pages 14-21-3 to 14-21-4 for Safety Instructions and Common Precautions on the products mentioned in this catalog, and refer to pages 14-14-6 to 14-14-8 for Precautions on every series.

### Caution on Design

#### ⚠ Caution

- Use outside Japan is not allowed.**  
The AT series air tank is in compliance with the regulations in Japan (Class 2 Pressure Vessel), but is not in compliance with related regulations outside Japan. Please consult with SMC for use of air tanks outside Japan.
- Use a pressure gauge below 50°C.**  
The Max. operating temperature of the standard accessory Pressure gauge is 50°C. If temperature of the air tank exceeds 50°C, provide a heat radiator (i.e. pipe siphon, etc.) between the tank and the pressure gauge.
- Please keep the Class 2 Pressure Vessel Certificate in a safe place.**  
The AT series is in compliance with the regulations in Japan (Class 2 Pressure Vessel). The Class 2 Pressure Vessel Certificate will be sent in 2 to 4 weeks after the product is shipped. Please keep it in a safe place.

### Model/Standard Specifications

Model	AT6C	AT11C	AT22C	AT37C	AT55C	AT75C	AT125C	AT150C <sup>(1)</sup>	AT220C <sup>(1)</sup>	
Fluid	Compressed air									
Tank capacity (ℓ)	100	200	400	500	700	1000	1500	2000	3000	
Max. operating pressure (MPa)	0.97									
Port size	Rc 1/2	Rc 3/4	Rc 1 1/2		2B flange		3B flange	4B flange		
Set pressure for safety valve (MPa)	0.97									
Proof pressure (Under water pressure) (MPa)	1.46									
Fluid temperature (°C)	0 to 100									
Material	General rolled steel plate (SS490, SS400)									
Weight (kg)	45	95	150	170	250	350	450	770	960	
Coating color	Surface: Munsell N-5.5, Inner surface: Non coated									
Accessory <sup>(2)</sup>	Safety valve (1 pc.)	R 1/2	R 3/4	R 1		R 1 1/4		R 2		
	Valve for drainage (1 pc.)	Rc 1/2								
	Pressure gauge (1 pc.)	R 3/8 x ø100								
	Anchor bolt (4 pcs.)	M16 x ℓ250			M16 x ℓ300			M16 x ℓ500	M24 x ℓ500	

Note 1) Manufactured upon receipt of order

Note 2) The accessories should be mounted by user.

### Accessory/Option

Model	Auto-drain	Companion flange
AT6C	AD402-04	—
AT11C		—
AT22C		—
AT37C		—
AT55C		2 <sup>B</sup> JIS10 <sup>K</sup> FF
AT75C		3 <sup>B</sup> JIS10 <sup>K</sup> FF
AT125C		4 <sup>B</sup> JIS10 <sup>K</sup> FF
AT150C		
AT220C		

Note) The accessories should be mounted by user.

### How to Order

AT 22C - 14			Accessory (Option)	
Symbol	Applicable compressor (kW)	Capacity (ℓ)	D	F
6C	5.5	100	With auto-drain	Companion flange
11C	11	200		
22C	22	400		
37C	37	500		
55C	55	700		
75C	75	1000		
125C	125	1500		
150C	150	2000		
220C	220	3000		

Port size	Symbol	Model
04	Rc 1/2	AT6C
06	Rc 3/4	AT11C
14	Rc 1 1/2	AT22C/37C
20	2 <sup>B</sup> flange	AT55C/75C
30	3 <sup>B</sup> flange	AT125C
40	4 <sup>B</sup> flange	AT150C/220C

HA

AT

ID

AMG

AFF

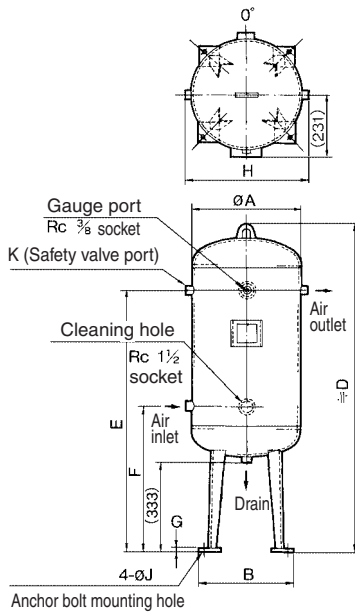
AM

Misc.

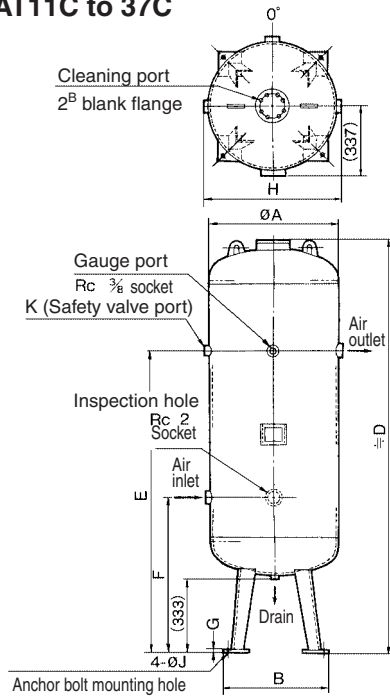
# Series AT

## Dimensions

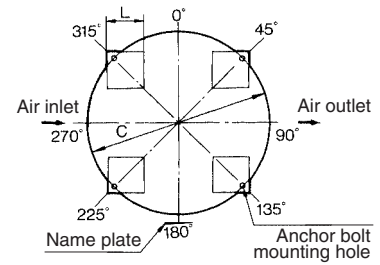
### AT6C



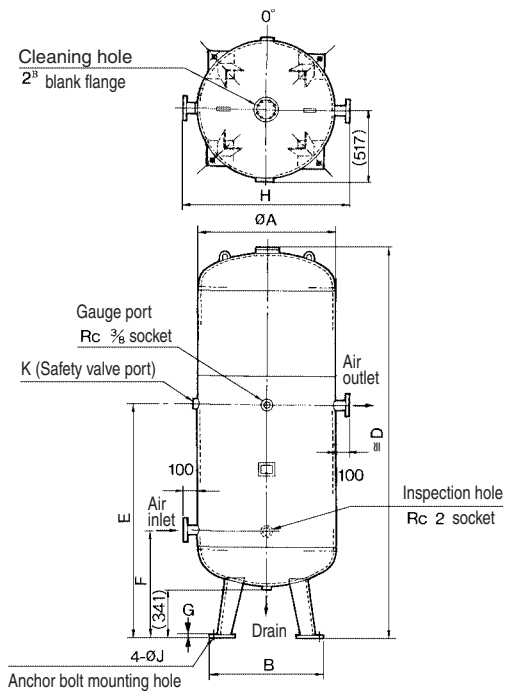
### AT11C to 37C



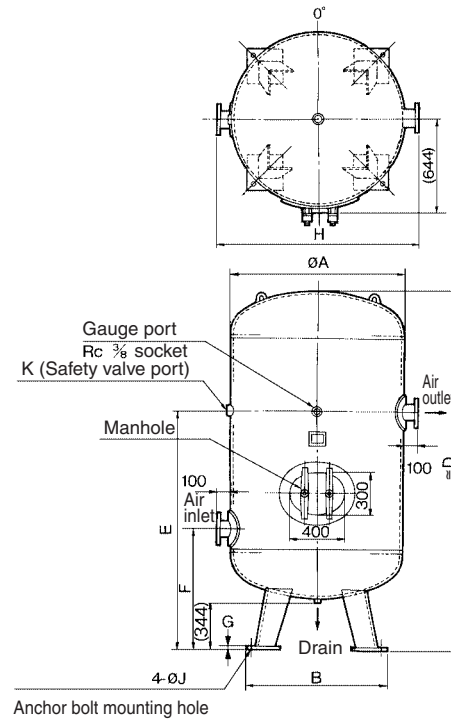
### ORIENTATION AT6C to 220C



### AT55C to 125C



### AT150C/220C



Model	Air connection		øA	B	øC	D	E	F	G	H	øJ	K	L	Anchor bolt
	Socket	Flange												
AT6C	Rc 1/2	—	406.4	361	440	1268	1000	550	6	460	19	Rc 1/2	80	M16 x l 250
AT11C	Rc 3/4	—	609	510	650	1258	945	645	9	665	19	Rc 3/4	110	M16 x l 250
AT22C	Rc 1 1/2	—	609	510	650	1978	1340	740	9	693	19	Rc 1	110	M16 x l 250
AT37C	Rc 1 1/2	—	609	510	650	2278	1340	740	9	693	19	Rc 1	110	M16 x l 300
AT55C	—	2B (JIS 10kFF)	962	824	1080	1550	1100	750	12	1162	19	Rc 1 1/4	180	M16 x l 300
AT75C	—	2B (JIS 10kFF)	962	824	1080	2160	1550	750	12	1162	19	Rc 1 1/4	180	M16 x l 300
AT125C	—	3B (JIS 10kFF)	962	824	1080	2770	1650	750	12	1162	19	Rc 2	180	M16 x l 500
AT150C	—	4B (JIS 10kFF)	1216	1019	1300	2558	1700	850	16	1416	27	Rc 2	260	M24 x l 500
AT220C	—	4B (JIS 10kFF)	1216	1019	1300	3288	1700	850	16	1416	27	Rc 2	260	M24 x l 500