

**Carbon Steel Air Storage Tank (< 1.6MPa)**

No.	Volume / Working Pressure (L/Mpa)	Design Temperature (°C)	Overall Height (mm)	Inner Diameter of Vessel $\varnothing$ (mm)	Air Inlet			Air Outlet			Support		Drain Valve Connector	Compressor Reference volume (m <sup>3</sup> /min)
					H1	DN	Thread	H2	DN	Thread	$\varnothing$ 1	d		
1	0.3/0.8	100	1550	550	580	50	Rp11/2"	1130	50	Rp11/2"	400	20	R1/2"	2.5~3
2	0.3/1.0		1550		580			1130						2.5~3
3	0.3/1.3		110		1550			580						1130
4	0.6/0.8	100	2060	650	605	65	Rp11/2"	1550	65	Rp11/2"	470	20	R1/2"	4.8~6
5	0.6/1.0				605			1550						4.8~6
6	0.6/1.3				110			2060						605
7	1.0/0.8	100	2180	800	685	65	Rp11/2"	1725	65	Rp11/2"	560	25	R1/2"	8~10
8	1.0/1.0				730			1770						8~10
9	1.0/1.3				110			2202						730
10	1.5/0.8	110	2290	1000	780	65	Rp2"	1780	65	Rp2"	700	24	R1/2"	12~15
11	1.5/1.0		2291		780			1780						12~15
12	1.5/1.3		781		1780			12~15						
13	2.0/0.8	110	2810	1000	780	80	Rp2"	2280	80	Rp2"	700	24	R1/2"	16~20
14	2.0/1.0				780			2280						16~20
15	2.0/1.3				780			2280						16~20
16	3.0/0.8	110	2962	1200	880	80		2380	80		840	24	R3/4"	24~30
17	3.0/1.0		2962		881			2380						24~30
18	3.0/1.3		2964		882			2382						24~30
19	4.0/0.8	110	3060	1400	930	100		2430	100		1050	24	R3/4"	32~40
20	4.0/1.0		3062		931			2431						32~40
21	4.0/1.3		3066		933			2433						32~40
22	5.0/0.8	110	3750	1400	930	100		3130	100		1050	24	R3/4"	40~50
23	5.0/1.0		3752		931			3132						40~50
24	5.0/1.3		3756		931			3133						40~50
25	6.0/0.8	110	4360	1400	930	100		3740	100		1050	24	R3/4"	48~60
26	6.0/1.0		4362		931			3741						48~60
27	6.0/1.3		4366		932			3743						48~60
28	8.0/0.8	110	4464	1600	981	150		3831	150		1200	30	R1"	64~80
29	8.0/1.0		4464		982			3732						64~80
30	8.0/1.3		4468		984			3732						64~80
31	10/0.8	110	3765	2000	1082	150		2933	150		1500	30	R1"	80
32	10/1.0		3766		1083			2933						80
33	10/1.3		3770		1086			2936						80
34	12.5/0.8	110	4714	2000	1133	150		3833	150		1500	30	R1"	80
35	12.5/1.0		4716		1136			3834						80
36	12.5/1.3		4722		1136			3836						80
37	15/0.8	110	5084	2100	1172	150		4174	150		1550	30	R1"	80
38	15/1.0		5088		1174			4175						80
39	15/1.3		5094		1176			4177						80
40	20/0.8	110	5236	2400	1298	200		4200	200		1800	36	R1"	80
41	20/1.0		5240		1300			4200						80
42	20/1.3		5244		1302			4200						80
43	25/0.8	110	6136	2400	1298	200		5095	200		1800	36	R1"	80
44	25/1.0		6140		1300			5095						80
45	25/1.3		6144		1302			5095						80
46	30/0.8	110	6896	2500	1324	200		5774	200		1900	36	R1"	80
47	30/1.0		6900		1325			5775						80
48	30/1.3		6908		1329			5779						80
49	40/0.8	110	8676	2500	1323	200		7603	1325		1900	36	R1"	80
50	40/1.0		8680		1325			200						80
51	50/0.8		110		9007			2800						1506
52	50/1.0	9007		1506	6750	80								
53	75/1.0	10257		1800	8200	250	3400		30	DN40	80			
54	75/0.8	10256	1800	8200	250	3400	30	DN40	80					

**Carbon Steel Air Storage Tank ( $\geq 1.6\text{MPa}$ )**

No.	Volume Working Pressure (L/Mpa)	Design Temperature (°C)	Overall Height (mm)	Inner Diameter of Vessel	Air Inlet		Air Outlet		Support		Drain Valve Connector	Compressor Reference volume (m <sup>3</sup> /min)
					H1	DN	H2	DN	ø1	d		
1	0.3/1.6	110	1626	550	668	50	1217	50	400	20	R1/2"	2.5~3
2	0.3/3.0		1630		671		1220				R1/2"	2.5~3
3	0.3/4.0		1630		673		1222				R1/2"	2.5~3
4	0.6/1.6	110	2136	650	693	65	1704	65	470	20	R1/2"	4.8~6
5	0.6/2.5		2410	697	1997	Rc1"	4.8~6					
6	0.6/3.0		2410	698	1998	Rc1"	4.8~6					
7	0.6/4.0		2410	635	1945	Rc1"	4.8~6					
8	1.0/1.6	110	2220	800	730	65	1770	65	560	25	R1/2"	8~10
9	1.0/3.0		2220		730		1770				Rc1"	8~10
10	1.0/4.0		2220		730		1770				Rc1"	8~10
11	1.5/1.6	110	2578	1000	780	65	1780	65	670	25	R1/2"	12~15
12	1.5/3.0		2670	775	2070		Rc1"				12~15	
13	1.5/4.0		2690	794	2070		Rc1"				12~15	
14	2.0/1.6	110	2846	1000	783	80	2282	80	700	24	R1/2"	16~20
15	2.0/3.0		2984		854		2364				Rc1"	16~20
16	2.0/4.0		2962		856		2351				Rc1"	16~20
17	3.0/1.6	110	2966	1200	883	80	2383	80	950	24	R3/4"	24~30
18	3.0/3.0		2902		916		2218				DN25	24~30
19	4.0/1.6	110	3068	1400	934	100	2434	100	1050	24	R3/4"	32~40
20	4.0/3.0		3006		968		2218				DN25	32~40
21	5.0/1.6	110	3758	1400	932	150	3134	150	1050	24	R1"	40~50
22	5.0/3.0		3882		956		3106				DN25	40~50
23	6.0/1.6	110	4458	1400	932	150	3834	150	1050	24	R1"	48~60
24	6.0/3.0		4582		956		3806				DN25	48~60
25	8.0/1.6	110	4470	1600	985	150	3731	150	1200	25	R1"	64~80
26	8.0/3.0		4656		990		3840				DN25	64~80
27	10/1.6	110	3772	2000	1087	150	2937	150	1500	30	R1"	80
28	12.5/1.6	110	4724	2000	1137	150	3838	150	1500	30	R1"	80
29	15/1.6	110	5094	2100	1179	150	4179	150	1550	30	Rc1"	80
30	20/1.6	110	5248	2400	1254	200	4200	200	1800	36	Rc1"	80
31	25/1.6	110	6158	2400	1304	200	5094	200	1800	36	Rc1"	80
32	30/1.6	110	6982	2500	1331	200	5781	200	1900	36	Rc1"	80