

**Abbott & Co. (Newark) Ltd**

Newark Boiler Works  
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## *Standard Vertical Air Receivers - Info*

*Effective – 1<sup>st</sup> July 2008*



Part no.	Capacity		Shell Size Dia X Length	Max W. P. Bar G	Inlet & Outlet
	Litres	Cu.Ft.			
2/13	50	2	305 x 600	13.5	¾" BSP
5/13	150	5	381 X 1200	13.5	1" BSP
9/13	250	9	457 X 1500	13.5	1" BSP
12/13	340	12	508 X 1500	13.5	1 1/2" BSP
17/11	500	17	610 X 1500	11	2" BSP
31/11A	875	31	762 X 1700	11	2" BSP
35/11	1000	35	762 X 2000	11	2" BSP
44/11	1250	44	900 X 1700	11	65NB
52/11	1500	52	900 X 2000	11	65NB
70/8	2000	70	1067 X 2000	8.5	100NB
70/11	2000	70	1067 X 2000	11	100NB
96/8	2720	96	1220 X 2000	8.3	100NB
96/11	2720	96	1220 X 2000	11	100NB
117/8	3320	117	1220 X 2500	8.3	100NB
117/11	3320	117	1220 X 2500	11	100NB
137/8	3880	137	1220 X 3000	8.3	150NB
137/11	3880	137	1220 X 3000	11	150NB
158/8	4490	158	1220 X 3500	8.3	150NB
158/11	4490	158	1220 X 3500	11	150NB
179/8	5080	179	1220 X 4000	8.3	150NB
179/11	5080	179	1220 X 4000	11	150NB

**Max W.P.:** Maximum Working Pressure is the maximum relief valve set pressure; on part no's 5/13, 9/13, 12/13 the relief valve is set at 11 BAR G unless otherwise specified.

**Design Code:** BS5169:1992, PED Compliant Declaration of Conformity/Test Certificate supplied

**Inlet & Outlet Connections:** BSP female sockets or flanged to BS4504:PN16 as indicated above.

**Fittings:** Include relief valve, pressure gauge, drain valve.

**Finish:** Inside self colour, outside wire brushed and one coat of transit primer.

**Optional Environmental Pack:** **To comply with water resources act 1991:**  
 Zero Loss Auto Drain  
 Y shape Strainer  
 100CFM - Oil separator

*We reserve the right to amend specifications without prior warning. E & OE.*

**SEE DATA SHEET FOR CONNECTION POSITIONS, DIMENSIONS & WEIGHTS.**

**RING US NOW ON - 01636 704208 WITH YOUR ENQUIRIES**

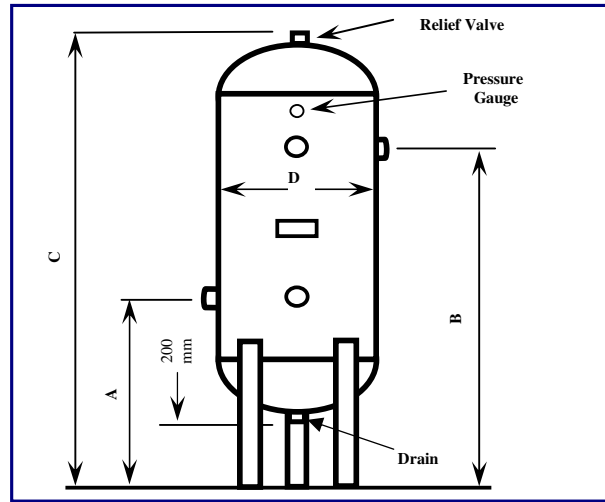
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**Standard Vertical  
Air Receiver - Data**



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Part No.	Capacity		Connection sizes for fittings (BSP)			Inspection openings No. & Size	No. of Legs	A mm	B mm	C mm	D mm	Approx Weight Kgs
	Litres	Cu.ft.	Relief Valve	Pressure Gauge	Drain Valve							
2/13	50	2	3/8"	3/8"	1/2"	2 - 2" BSP	3	400	800	990	305	40
5/13	150	5	3/8"	3/8"	1/2"	"	3	500	1400	1670	381	85
9/13	250	9	3/8"	3/8"	1/2"	"	3	500	1700	2000	457	155
12/13	340	12	1/2"	3/8"	1/2"	"	3	675	1575	2030	508	180
17/11	500	17	1/2"	3/8"	1/2"	"	3	675	1575	2070	610	195
31/11A	875	31	3/4"	3/8"	1/2"	2 Handholes	3	700	1800	2270	762	340
35/11	1000	35	3/4"	3/8"	1/2"	"	3	700	2100	2570	762	380
44/11	1250	44	3/4"	3/8"	3/4"	"	3	700	1800	2300	900	475
52/11	1500	52	3/4"	3/8"	3/4"	"	3	700	2100	2600	900	520
70/8	2000	70	1"	3/8"	3/4"	"	4	775	2175	2725	1067	645
70/11	2000	70	1"	3/8"	3/4"	"	4	775	2175	2725	1067	800
96/8	2720	96	1"	3/8"	3/4"	"	4	775	2175	2750	1220	775
96/11	2720	96	1"	3/8"	3/4"	"	4	775	2175	2750	1220	910
117/8	3320	117	1"	3/8"	3/4"	"	4	775	2675	3250	1220	865
117/11	3320	117	1"	3/8"	3/4"	"	4	775	2675	3250	1220	1030
137/8	3880	137	1 1/4"	3/8"	1"	3 Handholes	4	775	3175	3750	1220	955
137/11	3880	137	1 1/4"	3/8"	1"	"	4	775	3175	3750	1220	1150
158/8	4490	158	1 1/4"	3/8"	1"	"	4	775	3675	4250	1220	1045
158/11	4490	158	1 1/4"	3/8"	1"	"	4	775	3675	4250	1220	1270
179/8	5080	179	1 1/4"	3/8"	1"	"	4	775	4175	4750	1220	1135
179/11	5080	179	1 1/4"	3/8"	1"	"	4	775	4175	4750	1220	1390

**Non-Standard  
Air Receivers:**

We frequently manufacture of air receivers and pressure vessels to customers specific requirements. We are pleased to receive your enquiries for sizes up to 25 cu.m, including horizontal arrangement and high-pressure applications.

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