

# Pressure Tanks

## Onga Aquapack Steel pressure tanks

Each pressure tank in the Onga range is constructed to store supply water under pressure to provide a buffer for your plumbing or piping, to minimise pump operation time and to maximise pump life. Onga has a wide range of pressure tanks to suit any needs. From the small Aquapack AP10 to the largest Sta-Rite Signature 2000, Onga offers a range from 3L to more than 450L.

### Aquapack Range



The Onga Aquapack range starts with the moulded 3 litre AP10 and continues up to the AP80. The range includes specialist models like the corrosion-resistant AP50S in stainless steel, and the AP80HP for high pressure applications. There's a model to suit every application. Riva-flow 130 included in Aquapack range.

### AP80HP



Onga also caters for high pressure applications such as multi-storey water supply or high pressure, deep well sites with the Aquapack AP80HP tank, rated to 1520kPa.

### AP50S



The Stainless steel Aquapack AP50S provides a 24L tank constructed from 304 grade stainless steel. This gives it incredible corrosion resistance\*.  
\* Not recommended for water with very high chloride levels.  
In this case we recommend using a signature 2000 tank.

### Pro-Source Range



The Pro-Source range offers large steel tanks for high volume applications – they make great partners for the 70–150 Lpm submersible pumps



#### Aquapack steel pressure tanks features

Replaceable bladders available	Extends the useful life of the product
Stainless steel inlet flange/connection	Corrosion resistance and strength at connection point
Wide range available	Optimise your pressure system

Pressure Switch Settings kPa	THEORETICAL DRAW OFF IN LITRES								
	AQUA PACK MODELS							PRO-SOURCE	
	10	18	50	50s	80	80HP	RF130	PS42T	PS80T
100 - 200	1.1	2.8	8	8	11.3	11.3	20.1	24.4	44.2
140 - 275	1.2	3	8.8	8.8	12.3	12.3	21.9	26.6	48.2
210 - 340	1	2.5	7	7.4	10.4	10.4	18.5	22.5	40.7
275 - 415	0.9	2.2	7.4	6.4	9	9	16	19.5	35.3
275 - 450		2.6	7.5	7.5	10.5	10.5	18.8	22.8	41.3
345 - 550		2.6			10.6	10.6	18	23	41.8
410 - 620		2.4			9.6	9.6	17.2	20.8	
480 - 690		2.2			8.8	8.8	15.7	19	
760 - 1000					8.2	8.2			
960 - 1240						6.9			
1100 - 1380						6.3			
<b>Vol litres</b>	3.2	8.2	24	24	34	34	60	72	133
<b>Max Rating kPa</b>	<b>380</b>	<b>690</b>	<b>435</b>	<b>550</b>	<b>1000</b>	<b>1520</b>	<b>790</b>	<b>690</b>	<b>570</b>
<b>Dia (cm)</b>	21	20	33	32	36	36	38	40	50
<b>Height (cm)</b>	24	33	38	37	40	40	85	78	87
<b>Inlet size (BSP)</b>	3/4" F	1" M	1" M	1" M	1" F	1" M	1" F	1" F	1" F
<b>Weight (kg)</b>	1.6	2.4	5.7	3.6	10.7	10.7	16	26	33
<b>Warranty (yrs)</b>	1	1	1	5	1	1	1	4	4



**Fibrewound Pressure Tanks features**

Composite construction	Durable, hard-wearing and light
Epoxy construction	Resistant to UV degradation
One piece HDPE liner	Strong, well suited to use with potable water
PEU pressure air cell	Strong yet flexible air bladder, will not support bacterial growth
Stainless steel service connection	Corrosion-resistant connection
Access top flange	Serviceable while installed

**Sta-Rite Signature 2000**  
Fibrewound pressure tanks

**Fibrewound Tanks**

Sta-Rite's large range of fibrewound pressure tanks continues to evolve to meet the needs of the market. Recent updates have included new bladder material (PEU) for longer life, a revised hoop winding pattern for improved strength, and an entirely new model (the SR48-14).



These pressure tanks are used in many farm and industrial water supply applications to store water at pressure and reduce pump cycling, especially where automated pump controls are used. Tank draw offs from 25 litres up to over 160 litres are possible using normal pressure switch settings, and this range of tanks is built tough with maximum pressure of 690kPa.



Best of all, these tanks will never rust — they're mounted on a moulded base, and are constructed from 3 miles of glass-reinforced plastic that is wound into epoxy resin strand by strand in a Sta-Rite proprietary pattern that maximises strength. We recommend these tanks where water quality causes corrosion problems. Another benefit of this construction is that they are around half the weight of comparable steel tanks — making installation by one person a reality.

The internal liner is moulded in one piece from premium high density polyethylene, and both this and the PEU air cell are resistant to chlorine and iron bacteria.

Pressure Switch Settings kPa	DRAW OFF IN LITRES					
	SIGNATURE 2000					
	SR20-6	SR35-10	SR48-14	SR60-18	SR85-25	SR119-35
100 - 200	25.5	44.6	60.9	76.3	108.4	151.7
140 - 275	27.8	48.6	62.5	83.3	118.1	165.2
210 - 340	23.5	41.1	53.8	70.5	99.8	139.7
275 - 415	20.4	35.6	46.9	61	86.5	121
275 - 450	23.8	41.7	63.7	71.5	101.3	141.8
345 - 550	24.1	42.1	60.2	72.2	102.3	143.2
410 - 620	21.7	38.1	52.8	65.3	92.5	129.5
480 - 690	19.9	34.8	47.3	59.6	84.5	118.2
Vol litres	76	133	182	228	323	452
Max Rating kPa	<b>690</b>	<b>690</b>	<b>690</b>	<b>690</b>	<b>690</b>	<b>690</b>
Dia (cm)	41	51	51	61	61	72
Height (cm)	92	101	128	117	152	159
Inlet Size (BSP F)	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"
Weight (kg)	11	18	18.6	27	34	48
Warranty (yrs)	5	5	5	5	5	5

