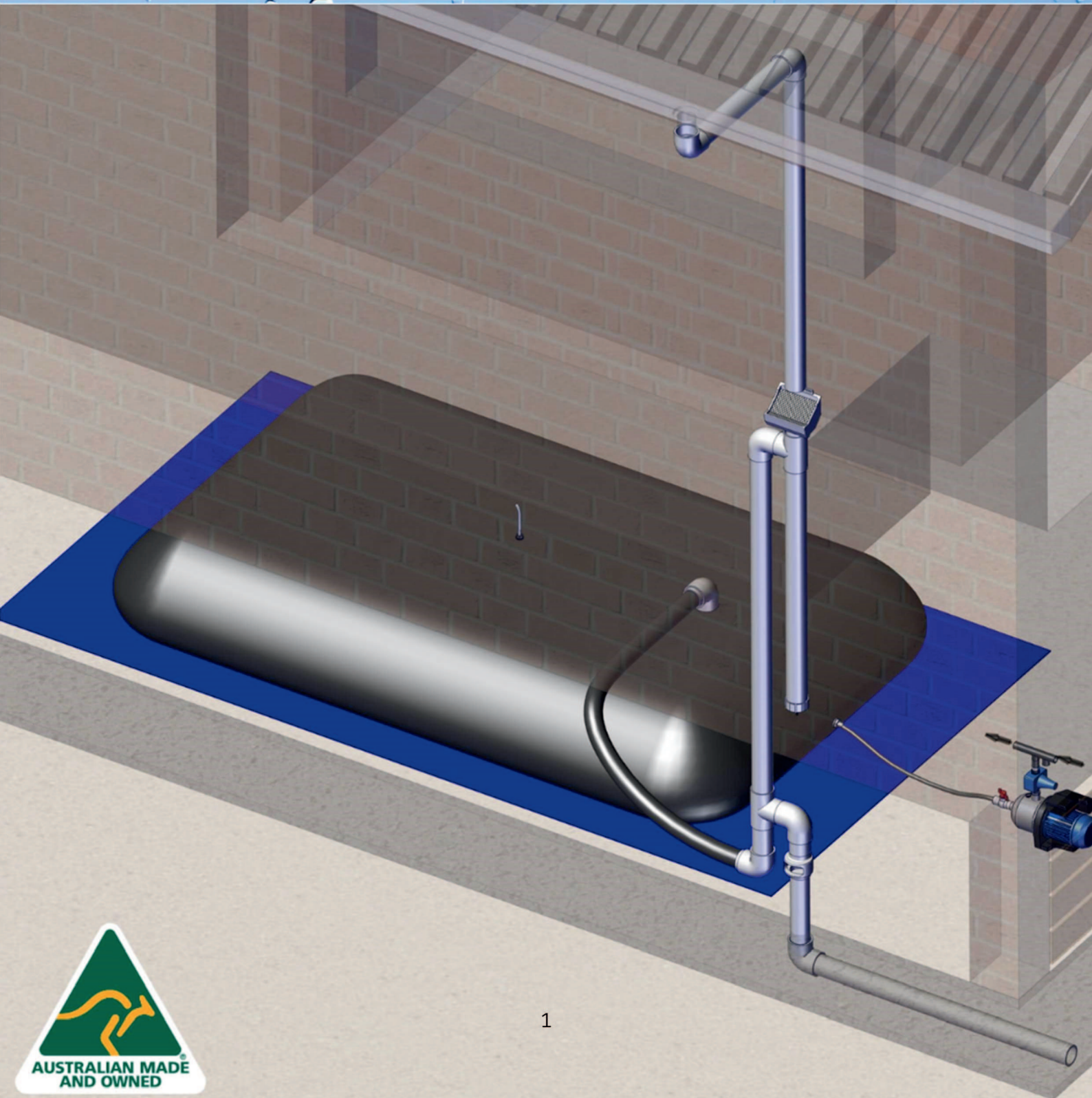


# FLEXIMAKE



## RAINWATER BLADDER TANKS



# Rainwater Bladder Tanks

Fleximake Rainwater Bladder tanks are designed and manufactured in Australia. Our bladder tanks are self-supporting and are made of heavy duty, reinforced PVC material which is puncture resistant, allowing them to be robust yet flexible.



## Features of Fleximake Rainwater Bladder Tanks

- Made of heavy duty, puncture resistant and reinforced PVC material

- Flexible, but robust and durable

- Easy to install

- Guaranteed longevity

- Can be made to fit any space available

- Wide selection of standard sizes to fit your needs

- Can be made to custom requirements

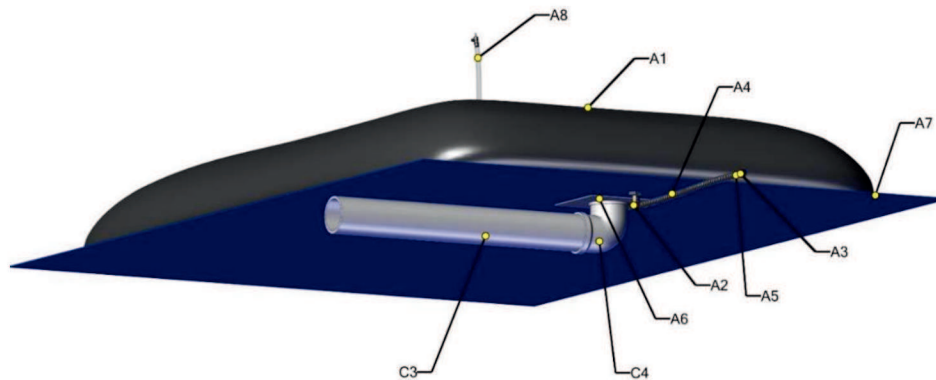
- Easy to transport as it can be rolled into a small package and costs less to transport

- Can be placed in areas with a height restriction and awkward shaped spaces

- Three filling inlet configuration choices for flexible rainwater bladder tanks to perfectly fit your unique space: 1-Bottom fill configuration, 2-Top fill configuration and 3-Side fill configuration

## Bladder Tanks with Bottom Fill Configuration

Rainwater bladder tanks with a bottom fill configuration has the inlet underneath the bladder. Similarly, the outlet is placed underneath the bladder. The installation of this bladder requires trenches for both the inlet and outlet piping. The bottom outlet maximises the extraction of water from the bladder.

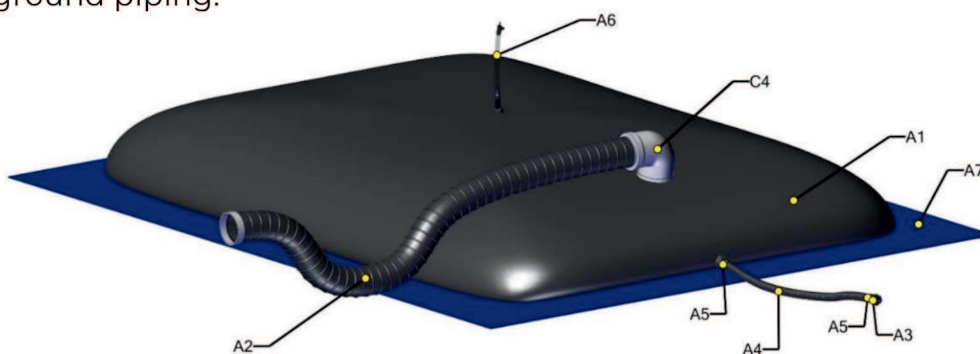


The standard bottom fill rainwater bladder kit includes the following items:

Item No.	Qty.	Description
A1	1	Rainwater Bladder – Inlet 90 or 100mm, Outlet 25 or 32mm
A2	1	Elbow for outlet (25 or 32mm)
A3	2	Directors (Barbed fitting)
A4	1	Flexible outlet pipe (approx. 1.5m)
A5	2	Hose clamps for flexible outlet hose
A6	1	Metal support plate for inlet fitting
A7	1	Ground Sheet
A8	1	Breather hose
	1	Thread seal tape

## Bladder Tanks with Top Fill Configuration

Rainwater bladder tanks with a top fill configuration has the inlet on top of the bladder. The downpipe is required to be connected to the inlet through a flexible pipe extension. The outlet is placed at the side, closer to the bottom to maximise the water extraction from the bladder. This arrangement is ideal when you have hard ground or concrete slabs which cannot be dug for underground piping.

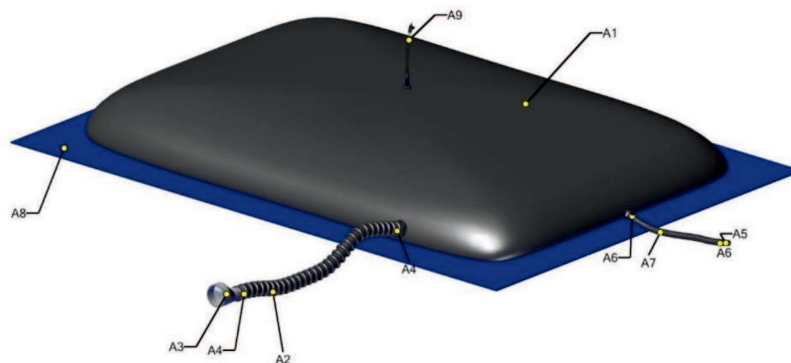


The standard top fill rainwater bladder kit includes the following items:

Item No.	Qty.	Description
A1	1	Rainwater Bladder – Inlet 90 or 100mm, Barbed Outlet 25 or 32mm
A2	1	Flexible inlet pipe with slip ends to connect to 90 or 100mm downpipe (approx. 1.0 m)
A3	2	Director (Barbed fitting)
A4	1	Flexible outlet pipe (approx. 1.5m)
A5	1	Hose clamps for flexible outlet hose
A6	1	Breather hose
A7		Ground Sheet
		Thread seal tape

### Bladder Tanks with Side Fill Configuration

Rainwater bladder tanks with a side fill configuration has the inlet on side of the bladder. The downpipe is required to be connected to the inlet through a flexible pipe extension. The outlet is also placed at the side, close to the bottom to maximise the water extraction from the bladder. This arrangement is ideal when you have hard ground or concrete slabs which cannot be dug for underground piping. This arrangement is particularly suitable when you have a height limitation since the inlet fitting is located at the side, rather than the top of the bladder.



The standard side fill rainwater bladder kit includes the following items:

Item No.	Qty.	Description
A1	1	Rainwater Bladder – Barbed Inlet 50 mm, Barbed Outlet 25 or 32mm
A2	1	Flexible inlet pipe
A3	1	Reducer socket (90mm or 100m to 50mm) for connection to downpipe
A4	2	Hose clamps for flexible inlet hose
A5	1	Directors (Barbed fitting)
A6	2	Hose clamps for flexible outlet hose
A7	1	Flexible outlet hose
A8	1	Ground sheet
A9	1	Breather hose
	1	Thread seal tape

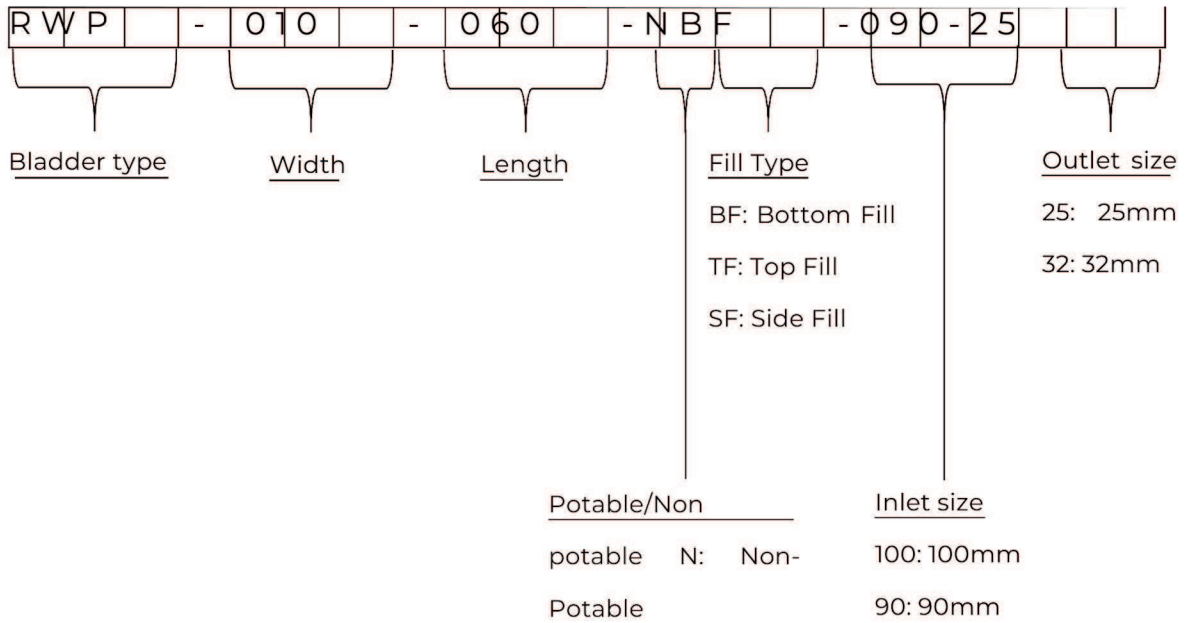
## Bladder Material and Fabrication Specification

Potable (Drinking water)	Non-Potable (Non-drinking water)	
Fabric Material Description	Reinforced High tenacity 1000 Denier	PVC Reinforced High tenacity 1000 Denier
Fabric Material grams per square meter	900gsm	900gsm
Fabric Material Warp Tensile Strength	4500N	4200N
Fabric Material Weft Tensile Strength	3500N	4000N
Fabric Material Warp Tear Strength	550N	550N
Fabric Material Weft Tear Strength	500N	500N
Potable Water Standard	AS/NZ 4020	
Seam Weld	50mm Weld	50mm Weld
Inlet Fitting Fabrication Method	BF: HF Welded TF: HF Welded SF: HF Welded flange / Compression seal	BF: HF Welded TF: HF Welded SF: HF Welded flange / Compression seal
Outlet Fitting Fabrication Method	HF Welded flange / Compression seal	HF Welded flange / Compression seal
Ground Sheet Material	195gsm, PE, 3-layers Both side coated, Folded tape base scrim	195gsm, PE, 3-layers Both side coated, Folded tape base scrim

## Standard Bladder Sizes

Model No.	Width (m)	Length (m)	Max. Fill Height (m)	Capacity (L)	Approx. Weight (kg) (Empty)
RWP-010-030	1.0	3.0	0.45	800	9.0
RWP-010-040	1.0	4.0	0.45	1,100	12.0
RWP-010-050	1.0	5.0	0.45	1,400	14.0
RWP-010-060	1.0	6.0	0.45	1,650	17.0
RWP-010-080	1.0	8.0	0.45	2,250	22.0
RWP-010-100	1.0	10.0	0.45	2,850	27.0
RWP-015-030	1.5	3.0	0.70	1,650	13.0
RWP-015-040	1.5	4.0	0.70	2,300	17.0
RWP-015-050	1.5	5.0	0.70	3,000	21.0
RWP-015-060	1.5	6.0	0.70	3,700	25.0
RWP-015-080	1.5	8.0	0.70	5,000	33.0
RWP-015-100	1.5	10.0	0.70	6,400	41.0
RWP-020-030	2.0	3.0	0.75	2,550	17.0
RWP-020-040	2.0	4.0	0.75	3,650	23.0
RWP-020-050	2.0	5.0	0.75	4,700	28.0
RWP-020-060	2.0	6.0	0.75	5,750	33.0
RWP-020-080	2.0	8.0	0.75	8,000	44.0
RWP-020-100	2.0	10.0	0.75	10,000	54.0
RWP-030-100	3.0	10.0	1.00	20,000	81.0
RWP-040-100	4.0	10.0	1.00	30,000	108.0
RWP-050-100	5.0	10.0	1.10	40,000	135.0

Bladder Product Code:



DISCLAIMER: This product specification is not a complete guide to product usage. Product specifications may change without notice. For more information, visit [fmindustrial.com.au](http://fmindustrial.com.au). Keep this manual handy for future reference.

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