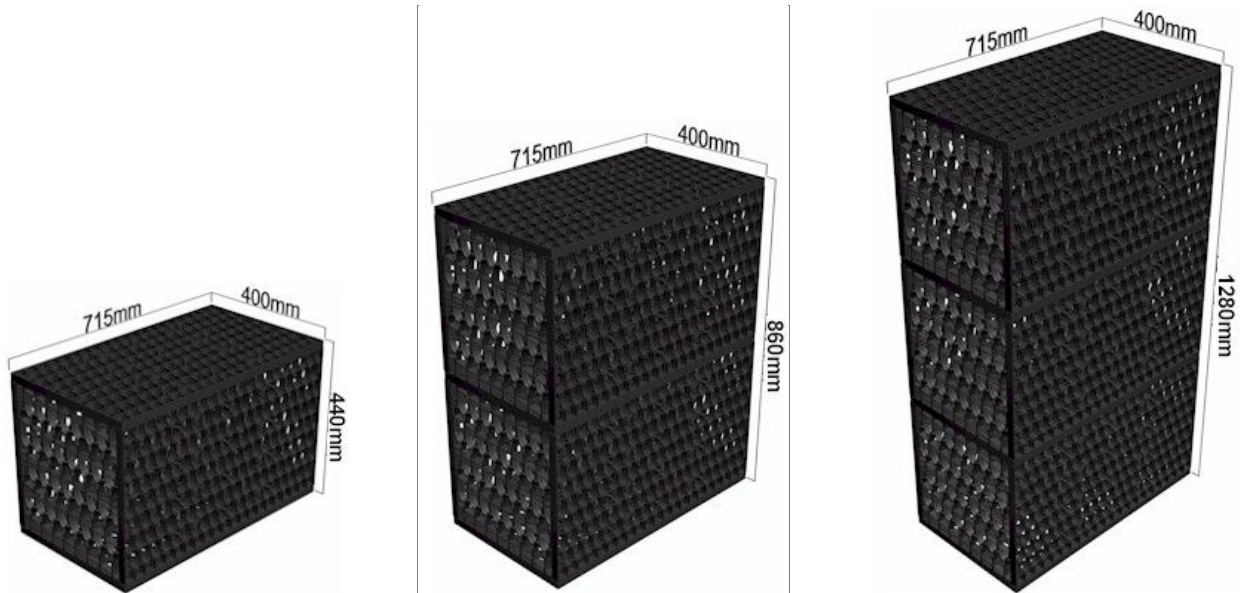


# RAINSMART Tank MODULE SPECIFICATION SHEET.



***Tank Dimensions***

Module (Units)	Width (mm)	Width (inches)	Length (mm)	Length (inches)	Height (mm)	Height (inches)
Single (1)	400	15.74	715	28.14	440	17.32
Double (2)	400	15.74	715	28.14	860	33.85
Triple (3)	400	15.74	715	28.14	1280	50.39
Quad (4)	400	15.74	715	28.14	1700	66.92
Pent (5)	400	15.74	715	28.14	2120	83.46
Module (Units)	Tank Vol (Ltrs)	Tank Vol (cf)	Tank Vol (gal)	Water storage Vol (Lts)	Water storage Vol (cf)	Water storage Vol (gal)
Single (1)	125.77	4.44	33.26	119.47	4.22	31.60
Double (2)	245.94	8.68	64.97	233.64	8.25	61.72
Triple (3)	366.08	12.92	96.70	347.77	12.28	91.87
Quad (4)	486.29	17.17	128.46	461.97	16.31	122.03
Pent (5)	606.32	21.41	160.17	576.00	20.34	152.19
<b>Surface area</b>				95% void		
<b>Material</b>				85% recycled Polypropylene + 15% proprietary mix		
<b>Biological &amp; Chemical Resistance</b>				Unaffected by moulds and algae, soil-bourne chemicals, bacteria and bitumen.		
<b>Service Temperature</b>				-10°C to 75°C (-14°F to 167°F)		
<b>Flow Rate</b>				0.040 m3/sec		

**Ultimate Load/ Unconfined Crush Testing:** (Results for standard units with 4 Large & Small plate tanks)

	Metric	Imperial
<b>Crush Load</b>	23.00 t/m2	32.71psi
<b>Displacement</b>	8mm	0.31"
<b>Temperature</b>	21-27°C	69.8- 80.6°F

Heavy Duty Tank for High load bearing capacity are also available.

**NOTE:** All RainSmart Products and Systems are DESIGN REGISTERED.

**Safety Factors:** Engineers, designers and geotechnical engineers should design and calculate safety factors to a serviceable limited state to suit specific project. In case of doubt, consult your nearest distributor or representative.

**Disclaimer:** All information provided in this publication is correct to the best knowledge of the company and is given out in good faith. This information is intended only as a general guide, no responsibility can be accepted for any errors, omissions or incorrect assumption. As each project is unique, and as RainSmart Solutions Pty .td. and its distributors and agents world wide have no direct control over the methods employed by the user in specifying, installing or supervising of its products hence no responsibility is accepted by RainSmart Solutions Pty Ltd. and its distributors and agents world wide. Users should satisfy themselves as to the suitability of the product for their purpose.



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