

# R-Tank Specifications

## 4-Plate Module

### Dimensions

Module (Units)	Width (mm)	Width (inches)	Length (mm)	Length (inches)	Height (mm)	Height (inches)
Mini	400	15.75	715	28.15	240	9.45
Single (1)	400	15.75	715	28.15	440	17.32
Single + Mini (1.5)	400	15.75	715	28.15	660	25.98
Double (2)	400	15.75	715	28.15	860	33.86
Double + Mini (2.5)	400	15.75	715	28.15	1080	42.52
Triple (3)	400	15.75	715	28.15	1280	50.39
Triple + Mini (3.5)	400	15.75	715	28.15	1500	59.06
Quad (4)	400	15.75	715	28.15	1700	66.93
Quad + Mini (4.5)	400	15.75	715	28.15	1920	75.59
Pent (5)	400	15.75	715	28.15	2120	83.46

### Details


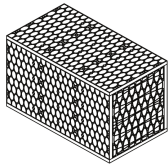

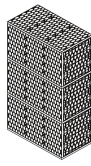


Module (Units)	Tank Volume (cf)	Storage Volume (cf)	# of Large Plates	# of Small Plates	# of Mini Sm/Lg Plates	Weight (lbs)
Mini	2.42	2.30	2	0	4 / 2	10.19
Single (1)	4.44	4.22	4	4	0 / 0	15.73
Single + Mini (1.5)	6.67	6.33	5	4	4 / 2	23.61
Double (2)	8.69	8.25	7	8	0 / 0	29.15
Double + Mini (2.5)	10.91	10.36	8	8	4 / 2	37.02
Triple (3)	12.93	12.28	10	12	0 / 0	42.56
Triple + Mini (3.5)	15.15	14.39	11	12	4 / 2	50.43
Quad (4)	17.17	16.31	13	16	0 / 0	55.97
Quad + Mini (4.5)	19.39	18.42	14	16	4 / 2	63.85
Pent (5)	21.41	20.34	16	20	0 / 0	69.38

### Specifications

Item	Description	Value	Unit
<b>Void Area</b>	Area available for water storage vs. that made up of plastic	95	%
<b>Surface Area Void</b>	Open area where water may percolate into or out of the unit	95	%
<b>Rib Thickness</b>	Thickness of load-bearing members	0.18 (4.5)	inches (mm)
<b>Unit Weight</b>	Weight of plastic per cubic foot of tank	3.24	lbs / cf
<b>Service Temperature</b>	Operating temperatures where unit can be expected to perform adequately	-14 to 167	Degrees Fahrenheit
<b>Unconfined Crush Strength*</b>	Using a 5" x 5" load plate placed centrally over the unit will determine the pressure at which the top plate will bend to the point of failure	32.48	psi
<b>Unconfined Crush Strength*</b>	Using a full-size load plate that completely covers the top of the unit determines the pressure required to crush the entire unit	30.0	psi
<b>Recycled Content</b>	Percentage of product made from Recycled Polypropylene	100.0	%
<b>180 Day Creep Testing</b>	Used to determine the long-term performance of the system		
	Load Applied	Initial & Sustained	11.16
	Creep Sustained	After 180 Days	0.20
	Creep Sustained	After 180 Days	1.13
	Projected Creep	40 Years	1.72

\*All crush tests performed on units with two internal plates.

### Product Pictures

Mini	Single	Double	Triple	Quad	Pent	Other
						Taller Modules May Be Available - Call for Details



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