

# Product Specification



and



## Dimensions & Capacity

Module (Units)	Width (inches)	Length (inches)	Height (inches/ft)	Tank Vol (cf)	Storage Vol (cf)	Weight* (lbs)
Mini	15.75	28.15	9.45" / 0.79'	2.42	2.30	10.19 / 10.95
Single (1)	15.75	28.15	17.32" / 1.44'	4.44	4.22	15.73 / 17.35
Single + Mini (1.5)	15.75	28.15	25.98" / 2.17'	6.67	6.33	23.61/ 25.98
Double (2)	15.75	28.15	33.86" / 2.82'	8.69	8.25	29.15 / 32.37
Double + Mini (2.5)	15.75	28.15	42.52" / 3.54'	10.91	10.36	37.02 / 41.01
Triple (3)	15.75	28.15	50.39" / 4.20'	12.93	12.28	42.56 / 47.40
Triple + Mini (3.5)	15.75	28.15	59.06" / 4.92'	15.15	14.39	50.43 / 56.03
Quad (4)	15.75	28.15	66.93" / 5.58'	17.17	16.31	55.97 / 62.43
Quad + Mini (4.5)	15.75	28.15	75.59" / 6.30'	19.39	18.42	63.85 / 71.06
Pent (5)	15.75	28.15	83.46" / 6.96'	21.41	20.34	69.38 / 77.45

\*Weights Shown are for R-Tank<sup>LD</sup> and R-Tank<sup>HD</sup>



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Single (1)	15.75	28.15	9.45" / 0.79'	2.42	2.30	10.95
Double (2)	15.75	28.15	18.12" / 1.51'	4.64	4.41	19.58
Triple (3)	15.75	28.15	26.79" / 2.23'	6.86	6.52	28.21
Quad (4)	15.75	28.15	35.46" / 2.96'	9.08	8.63	36.84
Pent (5)	15.75	28.15	44.13" / 3.68'	11.30	10.74	45.47
Hex (6)	15.75	28.15	52.80" / 4.40'	13.52	12.84	54.10
Septa (7)	15.75	28.15	61.47" / 5.12'	15.74	14.95	62.73
Octo (8)	15.75	28.15	70.14" / 5.85'	17.96	17.06	71.36
Nono (9)	15.75	28.15	78.81" / 6.57'	20.18	19.17	79.99
Decka (10)	15.75	28.15	87.48" / 7.29'	22.40	21.28	88.62



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Module (Units)	Width (inches)	Length (inches)	Height (inches/ft)	Tank Vol (cf)	Storage Vol (cf)	Weight (lbs)
Single Panel	19.68	23.62	1.97" / 0.164'	0.53 cf	0.48	4.00 lbs

\*Stack Individual Units to Make Any Height Up To 10'



## Specifications

Item	Description	R-Tank <sup>LD</sup>	R-Tank <sup>HD</sup>	R-Tank <sup>SD</sup>	R-Tank <sup>XD</sup>
		Value	Value	Value	Value
<b>Void Area</b>	Volume available for water storage	95%	95%	95%	90%
<b>Surface Area Void</b>	% of exterior available for infiltration	90%	90%	90%	90%
<b>Compressive Strength</b>	ASTM D 2412 / ASTM F 2418	30.0 psi	33.4 psi	42.9 psi	320 psi*
<b>Unit Weight</b>	Weight of plastic per cubic foot of tank	3.29 lbs/cf	3.62 lbs/cf	3.96 lbs/cf	7.55 lbs/cf
<b>Rib Thickness</b>	Thickness of load-bearing members	0.18 inches	0.18 inches	0.18 inches	
<b>Service Temperature</b>	Safe temperature range for use	-14 - 167° F	-14 - 167° F	-14 - 167° F	-14 - 185° F
<b>Recycled Content</b>	Use of recycled polypropylene	100%	100%	100%	100%
<b>Minimum Cover</b>	Cover required for HS-20 loading	Green Space Only	20"	18"	6"
<b>Minimum Cover</b>	Cover required for HS-25 loading	Green Space Only	24"	19"	6"
<b>Maximum Cover</b>	Maximum allowable cover depth	36"	6.99'	9.99'	16.7'

\*R-Tank<sup>XD</sup> compressive strength not derived from ASTM testing.