

Submittal Data Sheet



Part #	Description
See below	Roth RMT MultiTank

Project Information

Job Name:

Location:

Date Submitted:

Engineer:

Submitted by:

Contractor:

Approved by:

Manufacturer's Representative:

Application

Wastewater treatment
 Gravity septic, pump, dose, holding, STEP, grinder systems
 Fresh water storage
 Cistern, rainwater harvesting, irrigation, fire protection systems



Product Information

The Roth RMT is a four layer coextrusion blowmolded tank manufactured with high molecular weight HDPE.

- Capacity 300 gal/1135 liters to 1500 gal/5678 liters
- Buried installation only
- Single and dual compartment configuration (750-1500 G)
- 24 inch manway openings compatible with Roth STAR-24 riser system
- Available with plumbing kit to include inlet and outlet tees
- Flexible watertight pipe seals furnished with tank
- Minimum wall thickness 0.25 in/6.3mm
- Design burial depth 4 ft/1.2 M, 6 ft/1.8 M per deep burial installation instructions
- H2O traffic rated installation when installed per H2O installation instructions supplement
- Suitable for installation in high ground water conditions per installation instructions supplement

Technical Information

Manufactured and tested according to the following standards:
IAPMO Z1000 Prefabricated Septic Tanks
IAPMO PS-52 Material and property standard for pump/dose, sumps and sewage ejector tanks with or without a pump
CSA B66 Design, material and manufacturing requirements for prefabricated septic tanks and sewage holding tanks
NSF Standard 61 Drinking Water System Components
ASTM D1248 Standard specification for polyethylene plastics extrusion materials for wire and cable
ASTM D1693 Standard test method for environmental stress-cracking of ethylene plastics
ASTM D638 Standard test method for tensile properties of plastics
ASTM D790 Standard test methods for flexural properties of unreinforced plastics and electrical insulating materials
ASTM D 3350 Standard specification for polyethylene plastics pipe and fittings materials

Models, capacities, dimensions

X	Part No.	Cmp	Design Cap	Total Cap	Length	Weight
			Gal (liters)	Gal (liters)	in (mm)	lbs (kg)
	RMT-300	1	300 (1136)	325 (1230)	50 (1270)	120 (54.43)
	RMT-500	1	500 (1893)	535 (2025)	60 (1524)	225 (102.06)
	RMT-750-1	1	750 (2840)	1000 (3785)	103 (2616)	360 (163.29)
	RMT-750-2	2	750 (2840)	1000 (3785)	103 (2616)	360 (163.29)
	RMT-1000-1	1	1000 (3785)	1147 (4341)	118 (2997)	450 (204.12)
	RMT-1000-2	2	1000 (3785)	1147 (4341)	118 (2997)	450 (204.12)
	RMT-1060-1	1	1060 (4012)	1337 (5061)	133 (3378)	520 (235.87)
	RMT-1060-2	2	1060 (4012)	1337 (5061)	133 (3378)	520 (235.87)
	RMT-1250-1	1	1250 (4730)	1469 (5560)	148 (3759)	560 (254.01)
	RMT-1250-2	2	1250 (4730)	1469(5560)	148 (3759)	560 (254.01)
	RMT-1500-1	1	1500 (5678)	1771 (6703)	177 (4496)	640 (290.30)
	RMT-1500-2	2	1500 (5678)	1771 (6703)	177 (4496)	640 (290.30)

RMT	Height	Width
	in (mm)	in (mm)
300G	54 (1372)	45 (1143)
500-1500G	51 (1295)	62 (1575)

Plumbing Kit included

Effective Date: April 2018

Contact Information

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