

Rainwater Harvesting - Storage Tank

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

RWT-FRP

Underground FRP Tanks

Sizes: Up to 50,000 Gallon Capacity

Fiberglass Reinforced Plastic (FRP) tanks for underground installation are engineered for commercial rainwater harvesting applications with storage capacities up to 50,000 gallons. Manufactured in UL or cUL listed facilities, tanks and accessories are engineered to meet or exceed most applicable codes, standards, material certifications, and regulatory requirements. Tanks are rated for H20 or HS-20 vehicular traffic loading as defined in the AASHTO Standard Specifications for Highway Bridges. Plumbing connections and calming inlets are factory installed to meet site specific project requirements.

Advantages:

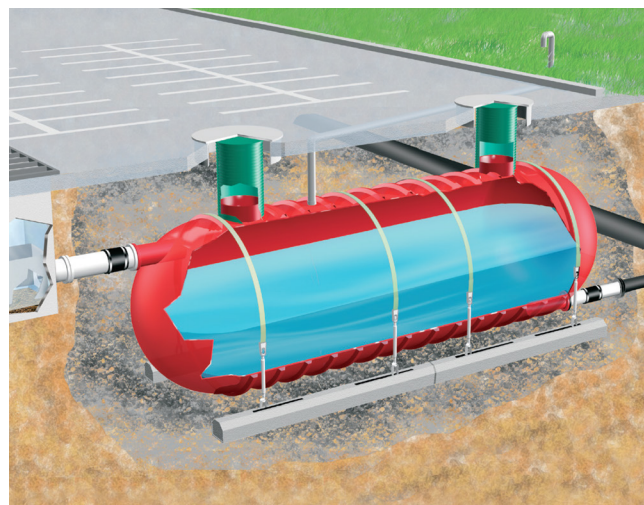
- Corrosion resistant fiberglass reinforced plastic construction
- Nominal storage capacity options up to 50,000 gallons
- Rated for H20 and HS-20 vehicular traffic loading
- Single piece construction
- Maximum burial depth up to 7 FT
- Multiple manufacturing locations across North America

Features

- Inlet, outlet, vent, and discharge connections in PVC Schedule 40 to meet site specific requirements. (additional connections available)
- Pre-plumbed calming inlet to minimize water turbulence
- Optional manway riser diameters and heights to accommodate varying burial depths and in-tank installed equipment.
- Optional tank anchoring system with concrete deadmen, turnbuckles, and straps
- Optional FRP ladder for ease of accessibility



RWT-FRP



NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

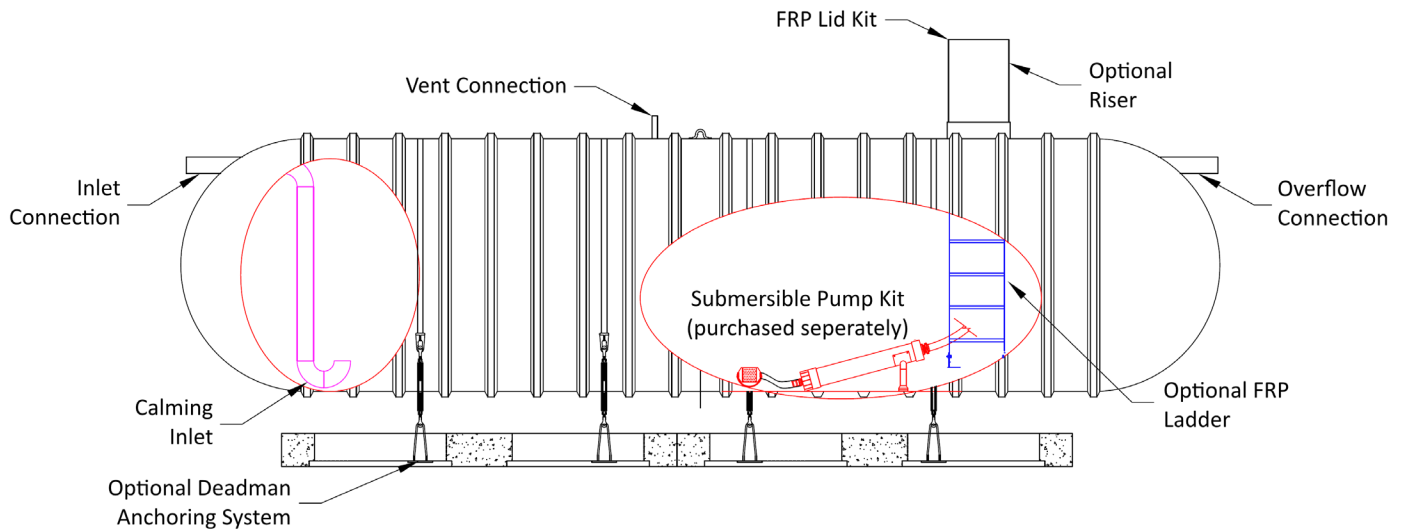
WARNING

Rainwater supplied by Watts rainwater harvesting systems is not potable water and is not intended for potable water applications. Do Not Drink Water supplied from Watts rainwater systems and related equipment. Users shall determine the suitability of the product for the intended application before using.

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



Typical Tank Layout



Available Models

Model	Nominal Capacity (Gallons)	Actual Capacity (Gallons)	Tank Diameter (Inches)	Tank Length (Inches)	Weight (Pounds)
RWT-FRP6-2	2,000	2,376	6'-3 1/2"	13'-5 3/4"	1,300
RWT-FRP6-3	3,000	2,973	6'-3 1/2"	16'-4 1/4"	1,600
RWT-FRP6-4	4,000	4,131	6'-3 1/2"	21'-11 1/8"	2,200
RWT-FRP6-5	5,000	5,064	6'-3 1/2"	26'-5"	2,600
RWT-FRP6-6	6,000	5,960	6'-3 1/2"	30'-8 3/4"	3,000
RWT-FRP6-7	7,000	7,154	6'-3 1/2"	36'-5 3/4"	3,500
RWT-FRP6-8	8,000	8,050	6'-3 1/2"	40'-9 1/2"	4,100
FRP8 Series					
RWT-FRP8-2	2,000	2,189	8'-0"	9'-1/2"	1,000
RWT-FRP8-3	3,000	3,271	8'-0"	12'-3"	1,400
RWT-FRP8-4	4,000	4,218	8'-0"	15'-1/2"	1,800
RWT-FRP8-5	5,000	5,165	8'-0"	17'-8 1/2"	2,200
RWT-FRP8-6	6,000	6,084	8'-0"	20'-6 1/2"	2,600
RWT-FRP8-7	7,000	6,946	8'-0"	23'-1"	3,000
RWT-FRP8-8	8,000	7,950	8'-0"	26'-1/2"	3,400
RWT-FRP8-9	9,000	8,869	8'-0"	28'-9"	3,800
RWT-FRP8-10	10,000	9,816	8'-0"	31'-6 1/2"	4,200
RWT-FRP8-11	11,000	10,763	8'-0"	34'-4"	4,700
RWT-FRP8-12	12,000	11,682	8'-0"	37'-1/2"	5,100
RWT-FRP8-13	13,000	13,081	8'-0"	41'-2"	5,600
RWT-FRP8-14	14,000	14,028	8'-0"	43'-11 1/2"	6,000
RWT-FRP8-15	15,000	14,975	8'-0"	46'-9"	6,600
FRP10 Series					
RWT-FRP10-7	7,000	7,358	10'-4"	15'-11 1/4"	3,100
RWT-FRP10-8	8,000	8,160	10'-4"	17'-3 3/4"	3,500
RWT-FRP10-9	9,000	8,961	10'-4"	18'-8 1/4"	3,800
RWT-FRP10-10	10,000	10,563	10'-4"	21'-5 1/4"	4,500
RWT-FRP10-11	11,000	11,364	10'-4"	22'-9 3/4"	4,800
RWT-FRP10-12	12,000	12,068	10'-4"	24'-1/4"	5,100
RWT-FRP10-13	13,000	12,966	10'-4"	25'-6 3/4"	5,500

Model	Nominal Capacity (Gallons)	Actual Capacity (Gallons)	Tank Diameter (Inches)	Tank Length (Inches)	Weight (Pounds)
RWT-FRP10-14	14,000	13,767	10'-4"	26'-11 1/4"	5,800
RWT-FRP10-15	15,000	15,248	10'-4"	29'-5 3/4"	6,600
RWT-FRP10-16	16,000	16,851	10'-4"	32'-2 3/4"	7,200
RWT-FRP10-17	17,000	17,652	10'-4"	33'-7 1/4"	7,600
RWT-FRP10-18	18,000	18,453	10'-4"	34'-11 3/4"	7,900
RWT-FRP10-19	19,000	19,254	10'-4"	36'-4 1/4"	8,200
RWT-FRP10-20	20,000	20,055	10'-4"	37'-8 3/4"	8,600
RWT-FRP10-21	21,000	21,779	10'-4"	40'-8 1/4"	9,400
RWT-FRP10-22	22,000	22,575	10'-4"	42'-3/4"	9,700
RWT-FRP10-23	23,000	23,381	10'-4"	43'-5 1/4"	10,100
RWT-FRP10-24	24,000	24,181	10'-4"	44'-9 3/4"	10,400
RWT-FRP10-25	25,000	25,783	10'-4"	47'-6 3/4"	11,100
RWT-FRP10-26	26,000	26,540	10'-4"	48'-11 1/4"	11,400
RWT-FRP10-27	27,000	27,385	10'-4"	50'-3 3/4"	11,700
RWT-FRP10-28	28,000	28,141	10'-4"	51'-8 1/4"	12,100
RWT-FRP10-29	29,000	29,741	10'-4"	54'-3/4"	12,800
RWT-FRP10-30	30,000	30,590	10'-4"	55'-9 3/4"	13,200
RWT-FRP10-31	31,000	32,142	10'-4"	58'-6 3/4"	13,900
RWT-FRP10-32	32,000	32,942	10'-4"	59'-11 1/4"	14,200
RWT-FRP10-33	33,000	33,794	10'-4"	61'-3 3/4"	14,600
RWT-FRP10-34	34,000	34,543	10'-4"	62'-8 1/4"	14,900
RWT-FRP10-35	35,000	35,397	10'-4"	64'-3/4"	15,400
RWT-FRP10-36	36,000	36,944	10'-4"	66'-9 3/4"	16,000
RWT-FRP10-37	37,000	37,744	10'-4"	68'-2 1/4"	16,400
RWT-FRP10-38	38,000	38,544	10'-4"	69'-6 3/4"	16,700
RWT-FRP10-39	39,000	40,145	10'-4"	72'-3 3/4"	17,400
RWT-FRP10-40	40,000	41,004	10'-4"	73'-8 1/4"	17,900
RWT-FRP12-20	20,000	20,781	11'-11"	29'-4"	9,200
RWT-FRP12-25	25,000	25,541	11'-11"	35'-7"	10,800
RWT-FRP12-30	30,000	31,253	11'-11"	43'-1"	13,100
RWT-FRP12-35	35,000	36,013	11'-11"	49'-4"	14,700
RWT-FRP12-40	40,000	39,821	11'-11"	54'-4"	16,100
RWT-FRP12-45	45,000	44,352	11'-11"	60'-7"	18,000
RWT-FRP12-48	48,000	48,389	11'-11"	65'-7"	19,300
RWT-FRP12-50	50,000	50,293	11'-11"	68'-1"	20,000

Options

Suffixes

Plumbing Connections

- P4 6 inch PVC schedule 40 inlet and overflow pipe connections
- P6 6 inch PVC schedule 40 inlet and overflow pipe connections
- P8 6 inch PVC schedule 40 inlet and overflow pipe connections
- P10 10 inch PVC schedule 40 inlet and overflow pipe connections
- P12 12 inch PVC schedule 40 inlet and overflow pipe connections
- P14 14 inch PVC schedule 40 inlet and overflow pipe connections
- P16 16 inch PVC schedule 40 inlet and overflow pipe connections
- P18 18 inch PVC schedule 40 inlet and overflow pipe connections

- V4 4 inch PVC schedule 40 vent connection
- V6 6 inch PVC schedule 40 vent connection
- V8 8 inch PVC schedule 40 vent connection

- R2424 24 inch diameter by 24 inch tall riser with FRP lid kit
- R2436 24 inch diameter by 36 inch tall riser with FRP lid kit
- R2448 24 inch diameter by 48 inch tall riser with FRP lid kit
- R3024 30 inch diameter by 24 inch tall riser with FRP lid kit
- R3036 30 inch diameter by 36 inch tall riser with FRP lid kit
- R3048 30 inch diameter by 48 inch tall riser with FRP lid kit
- R3624 36 inch diameter by 24 inch tall riser with FRP lid kit
- R3636 36 inch diameter by 36 inch tall riser with FRP lid kit
- R3648 36 inch diameter by 48 inch tall riser with FRP lid kit

- LD Add FRP ladder kit
- AP Tank anchoring package including deadmen anchors, straps, and turnbuckles

