

# CUSTOMIZABLE. CORRUGATED STEEL. WATER STORAGE.



Our RainFlo field-assembled corrugated steel water tanks are cost effective water storage solutions. These tanks are structurally strong and watertight for years of dependability. RainFlo steel water storage tanks utilize the latest technology with a bolted steel outer shell and a heavy duty liner. Available in capacities from 600 to 500,000 gallons, as well as custom capacities, there is a size to meet your needs. Several complete package options and accessories are available to customize your tank for your application and project specifications. The modular design of our water tank enables it to be packaged flat for easy transportation, even to remote areas. The tanks are assembled at the project site by trained installation professionals.

## Key Applications:

- Potable water storage
- Fire protection
- Irrigation
- Rainwater harvesting
- Stormwater retention
- Wastewater
- Mining
- Agriculture
- Industrial processing
- Aquaculture
- Thermal storage
- Other bulk storage needs

## DURABILITY

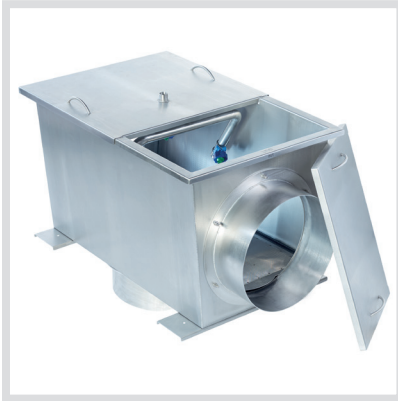
A RainFlo steel water storage tank uses a corrugated galvanized steel cylindrical tank in conjunction with a liquid-tight PVC liner. The tanks are built with a conical, flat, or domed galvanized steel roof. Tanks are designed to be constructed and anchored to a concrete foundation. Our tanks are engineered and tested to meet or exceed all standard municipal wind, seismic, and snow loads required by the Uniform Building Code.

## Features:

- Wind resistant - designed for 94 MHP (150 KPS) UBC Exposure C
- Earthquake resistant - designed for Seismic Zone 2A, many tanks will meet higher requirements.
- Galvanized JS-500 coated bolts - all bolts meet SAE Grade 8.2 or stronger
- 30° roof - designed for a 15 psf roof snow load

## OPTIONAL TANK ACCESSORIES

Several tank and accessory options are available to meet specific applications and project requirements. Please contact your representative for design assistance.



### PRE-FILTRATION

Our filtration is specially developed for commercial/industrial rainwater harvesting to provide optimum cleaning performance with maximum water yield.

#### Options:

- GRAF Optimax filter line with inlet sizes from 4"-20"
- Inline downspout filters
- Roof mounted basket filter



### PUMPING AND WATER TREATMENT SYSTEMS

We offer complete system packages that include pumping and water treatment systems. A wide variety of configurations and flow rates are available. Contact us for assistance in sizing and specifying a system for your application.

#### Options:

- Fixed and variable speed pump systems
- UV, Ozone, and sediment filtration
- Recirculation and tank water heating systems



### EXTERIOR

For aesthetics and personalization, our corrugated steel tanks are available with roof options, multiple color powder coatings, and vinyl or cedar wraps.

#### Options:

- Cedar wrap
- Vinyl wrap
- Flat roof or dome roof options
- Fire engine red coating
- Other color coatings to fit your application
- Company logo or messaging

## ADDITIONAL OPTIONAL ACCESSORIES

- Tank water heaters
- Rainwater system controller
- Motorized 3-way backup valve
- Inspection hatches/manways (various sizes)
- Inlet and outlet flanges and bulkheads
- Potable water liners
- Ladders and platforms
- Ground-level side access ports
- Ladder lock-off panels
- Pumping and filtration systems

## FIRE PROTECTION

We offer several tanks and fittings for fire suppression and tank drafting. These tanks exceed requirements for NFPA-22, NSF 61/ANSI, AWWA D103-09, UBC, NBC, and IBC. To meet specific applications and project requirements, our engineering team can provide certified tank and foundation design.

### Options:

- Drafting connections
- Fire pumper truck hookup with gate valve
- Ladder/OSHA cage
- Liquid level indicator with site tube
- Steel flange kit
- NFPA fitting packages
- Tank water heaters



Fire engine red coating



Custom signage



Anti-vortex plate

# ORDERING INFORMATION

\*For a complete list of tank part numbers, please contact your representative



Model #	Tank Dia. (ft.)	Eave Height	Overall with Roof	Capacity US Gallons
601	5'11"	3'8"	5'5"	767
602	5'11"	7'4"	9'1"	1535
603	5'11"	11'0"	12'9"	2302
604	5'11"	14'8"	16'5"	3069
605	5'11"	18'4"	20'1"	3837
606	5'11"	22'0"	23'9"	4604
901	8'11"	3'8"	6'4"	1727
902	8'11"	7'4"	10'0"	3453
903	8'11"	11'0"	13'8"	5180
904	8'11"	14'8"	17'4"	6906
905	8'11"	18'4"	21'0"	8633
906	8'11"	22'0"	24'8"	10359
1201	11'11"	3'8"	7'3"	3069
1202	11'11"	7'4"	10'11"	6139
1203	11'11"	11'0"	14'7"	9208
1204	11'11"	14'8"	18'3"	12278
1205	11'11"	18'4"	21'11"	15347
1206	11'11"	22'0"	25'7"	18416
1501	14'11"	3'8"	7'7"	4796
1502	14'11"	7'4"	11'3"	9592
1503	14'11"	11'0"	14'11"	14388
1504	14'11"	14'8"	18'7"	19184
1505	14'11"	18'4"	22'3"	23980
1506	14'11"	22'0"	25'11"	28776
1507	14'11"	25'8"	29'7"	33572
1801	17'11"	3'8"	8'6"	6906
1802	17'11"	7'4"	12'2"	13812
1803	17'11"	11'0"	15'10"	20719
1804	17'11"	14'8"	19'6"	27625
1805	17'11"	18'4"	23'2"	34531
1806	17'11"	22'0"	26'10"	41437
1807	17'11"	25'8"	30'6"	48343
2101	20'11"	3'8"	9'4"	9400
2102	20'11"	7'4"	13'0"	18800
2103	20'11"	11'0"	16'8"	28200
2104	20'11"	14'8"	20'4"	37600
2105	20'11"	18'4"	24'0"	47000
2106	20'11"	22'0"	27'8"	56401
2107	20'11"	25'8"	31'4"	65801
2108	20'11"	29'4"	35'0"	75201
2401	23'10"	3'8"	10'2"	12278
2402	23'10"	7'4"	13'10"	24555
2403	23'10"	11'0"	17'6"	36833
2404	23'10"	14'8"	21'2"	49111
2405	23'10"	18'4"	24'10"	61388
2406	23'10"	22'0"	28'6"	73666
2407	23'10"	25'8"	32'2"	85944
2408	23'10"	29'4"	35'10"	98221
2701	26'10"	3'8"	11'1"	15539
2702	26'10"	7'4"	14'9"	31078
2703	26'10"	11'0"	18'5"	46617
2704	26'10"	14'8"	22'1"	62156
2705	26'10"	18'4"	25'9"	77695
2706	26'10"	22'0"	29'5"	93234
2707	26'10"	25'8"	33'1"	108772
2708	26'10"	29'4"	36'9"	124311

Model #	Tank Dia. (ft.)	Eave Height	Overall with Roof	Capacity US Gallons
2709	26'10"	33'0"	40'5"	139850
3001	29'10"	3'8"	11'11"	19184
3002	29'10"	7'4"	15'7"	38368
3003	29'10"	11'0"	19'3"	57552
3004	29'10"	14'8"	22'11"	76735
3005	29'10"	18'4"	26'7"	95919
3006	29'10"	22'0"	30'3"	115103
3007	29'10"	25'8"	33'11"	134287
3008	29'10"	29'4"	37'7"	153471
3009	29'10"	33'0"	41'3"	172655
3301	32'10"	3'8"	12'4"	23212
3302	32'10"	7'4"	16'0"	46425
3303	32'10"	11'0"	19'8"	69637
3304	32'10"	14'8"	23'4"	92850
3305	32'10"	18'4"	27'0"	116062
3306	32'10"	22'0"	30'8"	139275
3307	32'10"	25'8"	34'4"	162487
3308	32'10"	29'4"	38'0"	185700
3309	32'10"	33'0"	41'8"	208912
3601	35'10"	3'8"	13'2"	27625
3602	35'10"	7'4"	16'10"	55249
3603	35'10"	11'0"	20'6"	82874
3604	35'10"	14'8"	24'2"	110499
3605	35'10"	18'4"	27'10"	138124
3606	35'10"	22'0"	31'6"	165748
3607	35'10"	25'8"	35'2"	193373
3608	35'10"	29'4"	38'10"	220998
3609	35'10"	33'0"	42'6"	248623
3901	38'10"	3'8"	14'1"	32421
3902	38'10"	7'4"	17'9"	64841
3903	38'10"	11'0"	21'5"	97262
3904	38'10"	14'8"	25'1"	129683
3905	38'10"	18'4"	28'9"	162104
3906	38'10"	22'0"	32'5"	194524
3907	38'10"	25'8"	36'1"	226945
3908	38'10"	29'4"	39'9"	259366
3909	38'10"	33'0"	43'5"	291786
4201	41'9"	3'8"	14'11"	37600
4202	41'9"	7'4"	18'7"	75201
4203	41'9"	11'0"	22'3"	112801
4204	41'9"	14'8"	25'11"	150401
4205	41'9"	18'4"	29'7"	188002
4206	41'9"	22'0"	33'3"	225602
4207	41'9"	25'8"	36'11"	263202
4208	41'9"	29'4"	40'7"	300803
4209	41'9"	33'0"	44'3"	338403
4801	47'9"	3'8"	16'8"	49111
4802	47'9"	7'4"	20'4"	98221
4803	47'9"	11'0"	24'0"	147332
4804	47'9"	14'8"	27'8"	196443
4805	47'9"	18'4"	31'4"	245553
4806	47'9"	22'0"	35'0"	294664
4807	47'9"	25'8"	38'8"	343775
4808	47'9"	29'4"	42'4"	392885
4809	47'9"	33'0"	46'0"	441996