

Pillow Tanks for Rainwater Collection



[Rainwater pillow tanks](#) are designed to provide you with a flexible unit for the storage and collection of rainwater. These collapsible tanks typically feature **low profiles, hose fittings, and economical setup times**, allowing for tanks to be stored in unique storage spaces such as under decks, in basements, or in a crawl space. Flexible in their design, tanks have **also been placed directly inside existing cisterns** to act as a liner for leaking units.

Applications

- Rainwater Harvesting
- Replacement for Existing Cisterns
- Backup Storage for Wells
- Collection for Sprinkler Systems
- Rainwater Storage for Utilities
- Emergency Water Collection
- Liners for Old Cisterns

Benefits

- NSF 61 and FDA Approved Materials
- Flexible Design
- Low Profile for Unique Storage Spaces
- Used in Crawl Spaces and Basements
- Fittings for Hose Connections
- Wide Range of Capacities
- Easy to Setup & Store

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[Collapsible tanks for rainwater collection](#) are typically similar in design and construction to the drinking water pillow tank. Both tanks are built with materials that are **FDA and NSF 61 approved** in the event that this collection will be used for drinking water. Tanks come standard with several different fittings including ball valves, hose fittings, and flame arrestor vents. Several optional fittings are also available upon request.

Fabric: The fabrics used for these tanks include polyurethane, polymer alloy, and E PVC coated materials. Any fabric used for a drinking water tank will include an FDA and NSF 61 approval to help ensure that your potable water remains safe for consumption.

Contact Time: 1 to 7 years, depending on the fabric used. ***It should be noted that the contact time is not an indication of functionality, but rather the point in time in which the fabric for your tank may start to change based on the weathering or chemical process. It has no bearing on the longevity of your tank.

Fittings: Standard fittings range from **3/4" through 2"**. Optional fittings of **4" through 6"** are also **available** upon request. Fittings are typically made from either an aluminum, stainless steel, or polypropylene material and come with camlock or threaded fittings to accommodate hoses. Ball valves, pressure relief vents, and flame arrestors are built to specification.

Optional: These tanks also offer a wide range of optional fittings including ports, emergency plugs, repair kits, operational spare parts, and pressure relief valves.

Packaging: The packaging of these tanks is typically dependent on the intended use and/or mobility requirements for your tank. Packaging options can include carry bags, totes, wooden treated crates, or other specified packaging.

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[Rainwater pillow tanks](#) are typically made in sizes that range up to 210,000 gallons, with a few larger tanks available upon request. In the tables below you will find our typical sizes for these tanks. It should be noted that if you have a specific capacity you not see on the list, or if you require a unique storage capacity, please let us know. This tank style is extremely flexible in its design and is **often built to meet requirements in your location.**

Compatibility	Multi-Use Food Quality	Aqueous Based Liquids	Aqueous Based Non-Food Quality
Typical Water Storage Bladder Sizes	L x W x H (in feet)		
130 gallons (500 liters)	5 x 6 x 1	5 x 6 x 1	5 x 6 x 1
300 gallons (1000 liters)	6 x 6 x 1	6 x 6 x 1	6 x 6 x 1
500 gallons (2000 liters)	8 x 6 x 1.5	8 x 6 x 1.5	8 x 6 x 1.5
800 gallons (3000 liters)	8 x 8 x 1.5	8 x 8 x 1.5	8 x 8 x 1.5
1100 gallons (4000 liters)	9 x 8 x 2	9 x 8 x 2	9 x 8 x 2
1300 gallons (5000 liters)	11 x 8 x 2	11 x 8 x 2	11 x 8 x 2
1600 gallons (6000 liters)	11 x 9 x 2.1	11 x 9 x 2.1	11 x 9 x 2.1
2100 gallons (8000 liters)	12 x 11 x 2.1	12 x 11 x 2.1	12 x 11 x 2.1
2600 gallons (10,000 liters)	15 x 11 x 2.1	15 x 11 x 2.1	15 x 11 x 2.1
3200 gallons (12,000 liters)	16 x 11 x 2.5	16 x 11 x 2.5	16 x 11 x 2.5
4000 gallons (15,000 liters)	19 x 11 x 2.5	19 x 11 x 2.5	19 x 11 x 2.5
4800 gallons (18,000 liters)	16 x 16 x 2.5	16 x 16 x 2.5	16 x 16 x 2.5
5000 gallons (20,000 liters)	17 x 16 x 2.5	17 x 16 x 2.5	17 x 16 x 2.5
7000 gallons (25,000 liters)	19 x 19 x 2.5	19 x 19 x 2.5	19 x 19 x 2.5
8000 gallons (30,000 liters)	19 x 19 x 3	19 x 19 x 3	19 x 19 x 3
9000 gallons (35,000 liters)	20 x 21 x 3	20 x 21 x 3	20 x 21 x 3
11,000 gallons (40,000 liters)	21 x 20 x 3.5	21 x 20 x 3.5	21 x 20 x 3.5
13,000 gallons* (50,000 liters)	23 x 24 x 3	23 x 24 x 3	23 x 24 x 3
20,000 gallons* (75,000 liters)	34 x 24 x 3.3	34 x 24 x 3.3	34 x 24 x 3.3
26,000 gallons* (100,000 liters)	34 x 30 x 3.5	34 x 30 x 3.5	34 x 30 x 3.5
40,000 gallons* (150,000 liters)	37 x 40 x 3.5	37 x 40 x 3.5	37 x 40 x 3.5
50,000 gallons* (200,000 liters)	42 x 43 x 4	42 x 43 x 4	42 x 43 x 4
70,000 gallons* (250,000 liters)	48 x 42 x 4	48 x 42 x 4	48 x 42 x 4
95,000 gallons* (350,000 liters)	51 x 48 x 5	51 x 48 x 5	51 x 48 x 5

These tanks are manufactured from first grade materials and are all provided with a certificate of fitness upon request. Each tank is warranted for a period of 1 year for workmanship and materials (full warranty details available upon request) and certified for storage of approved liquids (MSDS may be required to ensure complete compatibility).

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Compatibility	Multi-Use Non Food Quality	Hydrocarbons/ Fuel (DOD	Multi-Use Food Quality	Potable Water (DOD Spec)
Typical Water Storage Bladder Sizes	L x W x H (in feet)			
130 gallons (500 liters)	5 x 6 x 1	5 x 6 x 1	5 x 6 x 1	5 x 6 x 1
300 gallons (1000 liters)	6 x 6 x 1	6 x 6 x 1	6 x 6 x 1	6 x 6 x 1
500 gallons (2000 liters)	8 x 6 x 1.5	8 x 6 x 1.5	8 x 6 x 1.5	8 x 6 x 1.5
800 gallons (3000 liters)	8 x 9 x 1.5	8 x 9 x 1.5	8 x 9 x 1.5	8 x 9 x 1.5
1100 gallons (4000 liters)	10 x 7 x 2	9 x 8 x 2	10 x 7 x 2	9 x 8 x 2
1300 gallons (5000 liters)	11 x 8 x 2	10 x 9 x 2	11 x 8 x 2	10 x 9 x 2
1600 gallons (6000 liters)	11 x 9 x 2.1	11 x 9 x 2.1	11 x 9 x 2.1	11 x 9 x 2.1
2100 gallons (8000 liters)	13 x 10 x 2.1	11 x 12 x 2.1	13 x 10 x 2.1	11 x 12 x 2.1
2600 gallons (10,000 liters)	16 x 11 x 2.1	14 x 12 x 2.1	16 x 11 x 2.1	14 x 12 x 2.1
3200 gallons (12,000 liters)	15 x 14 x 2	15 x 12 x 2.5	15 x 14 x 2	15 x 12 x 2.5
4000 gallons (15,000 liters)	16 x 13 x 2.5	18 x 12 x 2.5	16 x 13 x 2.5	18 x 12 x 2.5
4800 gallons (18,000 liters)	16 x 16 x 2.5	16 x 17 x 2.5	16 x 16 x 2.5	16 x 17 x 2.5
5000 gallons (20,000 liters)	18 x 16 x 2.5	16 x 17 x 2.5	18 x 16 x 2.5	16 x 17 x 2.5
7000 gallons (25,000 liters)	19 x 19 x 2.5	18 x 20 x 2.5	19 x 19 x 2.5	18 x 20 x 2.5
8000 gallons (30,000 liters)	19 x 19 x 3	18 x 19 x 3	19 x 19 x 3	18 x 19 x 3
9000 gallons (35,000 liters)	19 x 22 x 3	22 x 22 x 3	19 x 22 x 3	22 x 22 x 3
11,000 gallons (40,000 liters)	22 x 22 x 3	19 x 22 x 3.3	22 x 22 x 3	19 x 22 x 3.3
13,000 gallons* (50,000 liters)	24 x 25 x 3	22 x 25 x 3.3	24 x 25 x 3	22 x 25 x 3.3
20,000 gallons* (75,000 liters)	33 x 24 x 3.5	32 x 25 x 3.5	33 x 24 x 3.5	32 x 25 x 3.5
26,000 gallons* (100,000 liters)	34 x 30 x 3.5	34 x 30 x 3.5	34 x 30 x 3.5	34 x 30 x 3.5
40,000 gallons* (150,000 liters)	38 x 39 x 3.5	36 x 41 x 3.5	38 x 39 x 3.5	36 x 41 x 3.5
50,000 gallons* (200,000 liters)	43 x 45 x 3.5	42 x 44 x 3.8	43 x 45 x 3.5	42 x 44 x 3.8
70,000 gallons* (250,000 liters)	46 x 45 x 4.2	49 x 44 x 4	46 x 45 x 4.2	49 x 44 x 4
95,000 gallons* (350,000 liters)	50 x 50 x 5	52 x 48 x 4.8	50 x 50 x 5	52 x 48 x 4.8

Compatibility	Multi-Use Non-Food Quality/ Hydrocarbons/Fuel (DOD Spec)	Potable Water (DOD Spec)	Potable Water (DOD Spec)
Typical Water Storage Bladder Sizes	L x W x H (in feet)		
90,000 gallons (340,000 liters)	52 x 48 x 5	50 x 49 x 5	52 x 48 x 5
100,000 gallons (380,000 liters)	52 x 53 x 5	52 x 53 x 5	52 x 53 x 5
125,000 gallons (470,000 liters)	58 x 59 x 5	58 x 59 x 5	58 x 59 x 5
150,000 gallons (570,000 liters)	61 x 62 x 5	61 x 62 x 5	61 x 62 x 5
175,000 gallons (660,000 liters)	70 x 65 x 5	70 x 65 x 5	70 x 65 x 5
200,000 gallons (760,000 liters)	80 x 70 x 5	80 x 70 x 5	80 x 70 x 5
225,000 gallons* (850,000 liters)	80 x 73 x 5	77 x 75 x 5	80 x 73 x 5
250,000 gallons* (950,000 liters)	80 x 80 x 5	80 x 80 x 5	80 x 80 x 5
265,000 gallons* (1,000,000 liters)	90 x 80 x 5	90 x 80 x 5	90 x 80 x 5