



A Division of *elbi* of America



WELL TANKS
“Preferred By Professionals”

"The tank preferred by professionals"

BACKSTOP®

Diaphragm Type

Booster Pump Tanks

Features & Benefits

BackStop® Booster Pump Tanks are used in potable water systems to maintain system pressure when the pump is not operating. Pump tanks increase the pump and water system life by reducing system cycling time. The heavy duty diaphragm keeps the water permanently isolated from the pre-charged air cushion.



Available Sizes

Model	Volume (gal)	Length	Diameter	Sys. Con.	Ship Wt.
12-APT18H	4.5	16"	11"	3/4"	11 lbs
12-APT24H	6	17"	11.6"	3/4"	13 lbs
12-APT38H	10	20"	11.6"	3/4"	17 lbs
12-APT58H	14	23 1/2"	15"	1"	25 lbs
12-APT80H	20	30 1/2"	15"	1"	33 lbs

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Diaphragm Type Well Tanks

Specifications

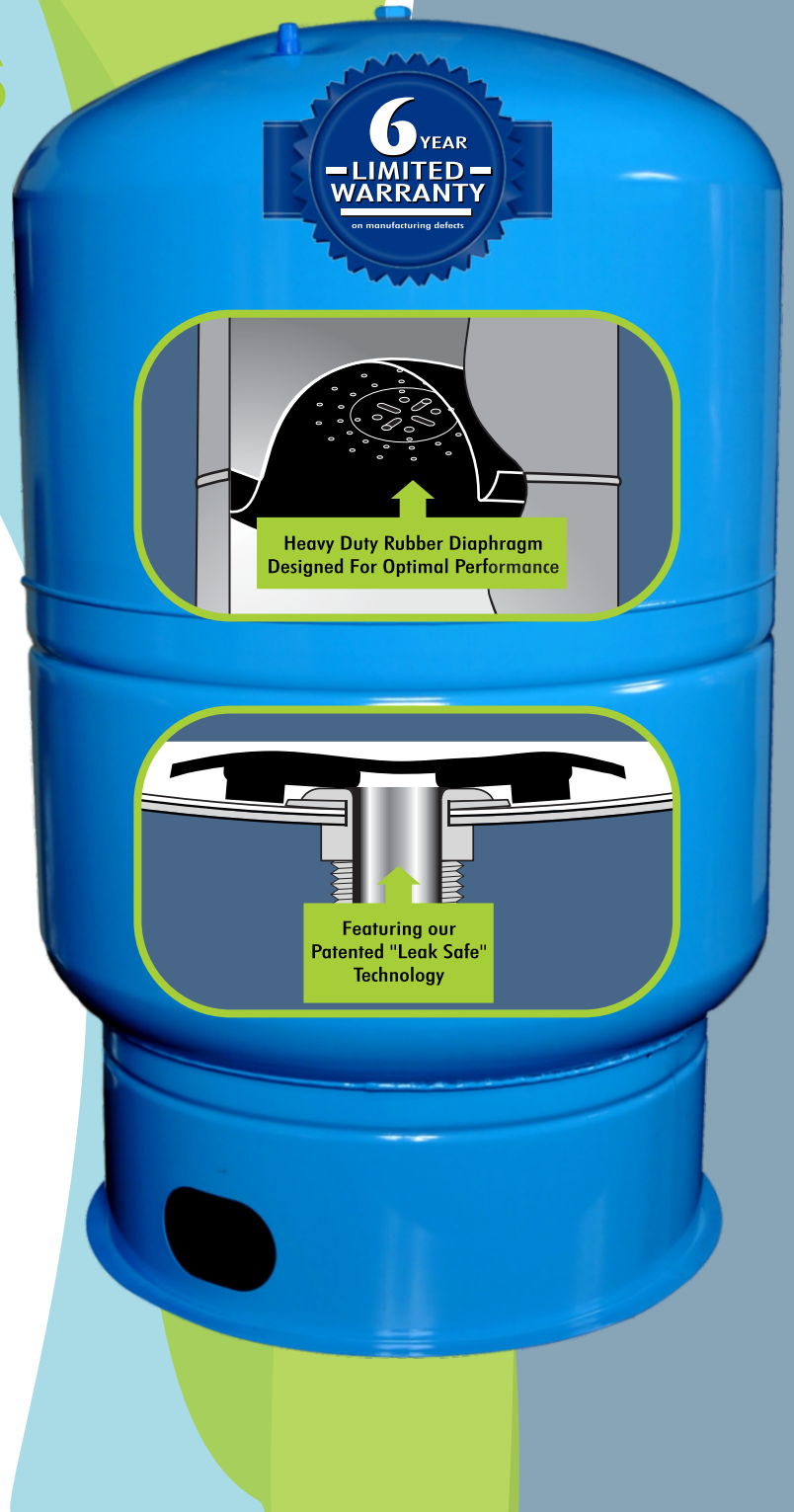
Factory Pre-Charge	40 PSI
System Connection	304SS One Piece Elbow
Diaphragm	Heavy-Duty Butyl Rubber
Liner Material	FDA Grade Polypropylene
Max. Operating Temp.	200° F
Max. Working Pressure	150 PSI
Certification	NSF/ANSI 61

Features & Benefits

BackStop® Well Tanks provide optimal control of pump performance by allowing efficient cycling, in turn, extending the life of the pump. Each BackStop® Well Tank is pressure rated up to 150PSI and equipped with a solid 304 Stainless Steel connection. We use high-graded steel for an optimal strength to weight ratio. As an added benefit, every tank comes finished with an appliance quality coating that is resistant to sunlight and harsh conditions. For your family safety concerns, all tanks are completely lead free.

Available Sizes

Model	Volume (gal)	Height	Diameter	Sys. Con.	Ship Wt.
12-AW101	2.1	12 1/2"	8"	3/4"	4.7 lbs
12-AW102	4.5	15"	11"	3/4"	8 lbs
12-AW110	10	20"	11 1/2"	3/4"	13.5 lbs
12-AW103S	14	23 1/2"	15 1/2"	1"	21.5 lbs
12-AW104S	20	30 1/2"	15 1/2"	1"	28 lbs
12-AW105ST	28	39 1/2"	15 1/2"	1"	35 lbs
12-AW132ST	32	45"	15 1/2"	1"	40 lbs
12-AW105S	32	29 1/2"	22"	1 1/4"	52 lbs
12-AW106S	44	35 1/2"	22"	1 1/4"	58 lbs
12-AW107S	62	47"	22"	1 1/4"	78 lbs
12-AW108S	81	57"	22"	1 1/4"	97 lbs
12-AW186S	86	45"	26"	1 1/4"	102 lbs
12-AW109S	119	55"	26"	1 1/4"	159 lbs



BACKSTOP®

WELL TANKS



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Model	Volume (gal.)	Maximum Acceptance Factor	System Drawdown Gallons		
			30/50	40/60	50/70
12-AW101	2.1G	0.45	0.6	0.6	0.5
12-AW102	4.5G	0.55	1.4	1.2	1.0
12-AW110	10G	0.7	3.5	3.4	3.2
12-AW103S	14G	0.82	4.8	3.8	3.3
12-AW104S	20G	0.59	6.2	5.2	4.7
12-AW105ST	28G	0.78	8.0	7.0	6.1
12-AW132ST	32G	0.45	10	8.8	7.8
12-AW105S	32G	0.85	11.2	9.2	8.5
12-AW106S	44G	0.77	13.9	11.8	11
12-AW107S	62G	0.55	19.2	16.2	14.6
12-AW108S	81G	0.45	25.4	21.9	20.1
12-AW186S	86G	0.85	26.6	23.1	20.4
12-AW109S	119G	0.67	36.8	31.9	28.2
12-APT18H	4.5G	0.55	1.4	1.2	1.0
12-APT24H	6G	0.70	2.0	1.8	1.6
12-APT38H	10G	0.5	3.5	3.4	3.2
12-APT58H	14G	0.82	4.8	3.8	3.3
12-APT80H	20G	0.59	6.2	5.2	4.7

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