



# WELLXTROL

Featuring Antimicrobial Protection



Well Above The Rest®



# WELLXTROL®

Amtrol Inc. invented the first pre-pressurized well tank over 50 years ago. This revolutionary product featured an innovative design using a hoop ring and groove to lock the diaphragm, liner and shell together in a totally unique way.

This tradition of innovation continued with Amtrol's Next Generation Well-X-Trol, which utilized high strength steel to deliver a 150 psig working pressure – 20% higher than competitive well tanks to earn an industry leading 7 year warranty.

Now Well-X-Trol is combining the patented Turbulator™ with antimicrobial liner protection to deliver Clean Water Technology™ in every tank.

Well-X-Trol – the world's most trusted brand in well tanks; setting the standard for quality, reliability and performance.



*Amtrol App puts sizing and support at your fingertips. Available for iPhone, iPad and Android.*



**1946** American Tube Products founded in West Warwick, Rhode Island

**1954** Invented the diaphragm expansion tank

**1963** Invented the pre-pressurized well tank

**1967** Invented the refrigerant gas cylinder

**1972** Built current Rhode Island manufacturing facility

**1975** Entered the commercial products business

**1980** Invented the indirect-fired Hot Water Maker®

**1986** Invented the top coil indirect Hot Water Maker®

**1988** Opened the Amtrol Education Center

**1991** Invented the thermal expansion tank

**1992** AMTROL registered ISO 9001

# The First and Still the Best.



The complete line of Well-X-Trol well tanks includes inline, stand, underground, wall hung, horizontal and pump stand models.

Contractors earn valuable rewards points for every Well-X-Trol well tank installed. Visit [amtrolrewards.com](http://amtrolrewards.com) for complete details.

<p>Acquired ALFA Cylinder Manufacturing in Portugal <b>1997</b></p> 	<p>Invented the composite metal LP tank <b>2005</b></p>	<p>Launched Amtrol Rewards™ AMTROL registered ISO 9001:2008 <b>2009</b></p>  	<p>Tanks on Tour™ mobile education center hits the road <b>2014</b></p> 	<p>Introduced ASME for propane vehicles <b>2014</b></p> 
 <p><b>2003</b> AMTROL registered ISO 9001:2000</p> 	<p><b>2007</b> Introduced XLite cylinder</p> 	<p><b>2010</b> Launched Next Generation Well-X-Trol® 20 millionth well tank shipped</p> 	<p><b>2012</b> Launched HydroMax® Hot Water Makers</p> 	<p><b>2016</b> Amtrol 70th Anniversary</p> 





# WELLXTROL®

## 7 Year Warranty

- Installers asked for it - we delivered.
- A Well-X-Trol exclusive and the best warranty in the industry.

## High Strength Steel

- Deep-drawn domes are double the strength of rolled steel.

## Multi-Dome Construction

- Provides internal bracing for added strength.
- Prevents diaphragm over-extension.

## Heavy Duty Butyl Diaphragm

- The industry's thickest diaphragm provides extra strength and flexibility.
- Seamless design conforms exactly to the shell without stretching, creasing or forming bubbles that could trap water or sediment.
- Meets stringent FDA requirements.

## Positive Diaphragm Seal

- Unique hoop ring and groove design secures the diaphragm, liner and shell for added strength and reliability.
- Exclusive welding process eliminates rough spots and sharp edges that can damage the diaphragm and liner.

## Stainless Steel System Connection

- High grade stainless steel withstands aggressive water conditions.

## Optional Pro-Access® Connection

- Piped to stand for fast, easy installation.



# Well Above The Rest.®

## 150 psig Working Pressure

- 20% higher rating than competitive well tanks.
- Every tank is pressure tested for added safety.
- Precharged to 38 psig for the most common pump cut-in pressure.

## Projection Welded Air Valve

- Eliminates leak paths found on threaded valves.
- Maintains air charge better than mechanical seals.

## Tuf-Kote™ HG Indoor/Outdoor Coating

- Stands up to the most severe conditions.
- Standard on all models; available in blue, tan and gray.

## Antimicrobial Liner



## Fresh Water Turbulator™



## DuraBase® Composite Tank Stand

- Optional composite stand features patent pending design.
- UV resistant material is rugged and will never corrode.
- Available separately as a spacer for steel stand models.

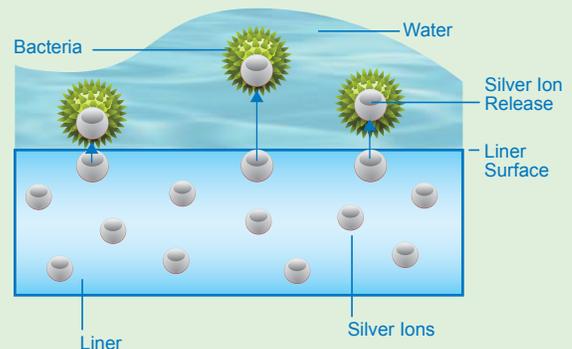
## Clean Water Technology™ in Every Tank

Antimicrobial Liner and Turbulator work together to keep tank surfaces clean.



## Antimicrobial Liner Protection

- Neutralizes bacteria on contact.
- Safe, Silver-Ion technology only targets active microorganisms.
- Long lasting compound is molded into the water reservoir lining.



## Fresh Water Turbulator™

- Patented diffuser agitates incoming water stream.
- Water-jet scrubbing action prevents sediment buildup.
- Eliminates stagnant water in VFD applications.
- Helps extend the life of the tank.



## InLine Models



Model Number	Tank Volume (Gallons)	Max. Acceptance Factor	Diameter (Inches)	Height (Inches)	System Connection (NPTM)	System Drawdown (gallons)			Shipping Weight (lbs.)
						30/50	40/60	50/70	
WX-101	2.0	.45	8	13	¾	0.6	0.6	0.5	5
WX-102	4.4	.55	11	15	¾	1.4	1.2	1.0	9
WX-103	7.6	.43	11	22	¾	2.4	2.0	1.8	15
WX-104	10.3	1.00	15	18	1	3.2	2.8	2.4	20
WX-200	14.0	.81	15	22	1	4.3	3.8	3.3	22

Tan and Gray: Available on all models. Use suffix T or G.

## Stand Models



Model Number	Tank Volume (Gallons)	Max. Acceptance Factor	Diameter (Inches)	Height (Inches)	System Connection (NPTF)	System Drawdown (gallons)			Shipping Weight (lbs.)
						30/50	40/60	50/70	
WX-201	14.0	.81	15	25	1	4.3	3.8	3.3	25
WX-202	20.0	.57	15	32	1	6.2	5.4	4.7	32
WX-202XL	26.0	.44	15	39	1	8.0	7.0	6.1	39
WX-203	32.0	.35	15	47	1	9.9	8.6	7.6	47
WX-205	34.0	1.00	22	30	1¼	10.5	9.1	8.0	57
WX-250	44.0	.77	22	36	1¼	13.6	11.8	10.4	65
WX-251	62.0	.55	22	47	1¼	19.2	16.6	14.6	87
WX-255	81.0	.41	22	57	1¼	25.0	21.7	19.1	109
WX-252	86.0	.39	22	62	1¼	26.6	23.0	20.3	107
WX-302	86.0	.54	26	47	1¼	26.6	23.0	20.3	106
WX-350	119.0	.39	26	62	1¼	36.8	31.9	28.1	146

DuraBase®: Available on all models except WX-252. Use suffix D.

Pro Access®: Available on all models except WX-201, WX-252 and DuraBase® models. Use suffix PA.

Tan and Gray: Available on all models except WX-252. Use suffix T or G.

## Underground Models



Model Number	Tank Volume (Gallons)	Max. Acceptance Factor	Diameter (Inches)	Height (Inches)	System Connection (NPTF)	System Drawdown (gallons)			Shipping Weight (lbs.)
						30/50	40/60	50/70	
WX-200UG	14.0	.81	15	22	1	4.3	3.8	3.3	22
WX-202UG	20.0	.57	15	30	1	6.2	5.4	4.7	30
WX-250UG	44.0	.77	22	33	1¼	13.6	11.8	10.4	60
WX-251UG	62.0	.55	22	44	1¼	19.2	16.6	14.6	83

Note: System Drawdown can be affected by various ambient and system conditions, including temperature and pressure.

# Model Specifications & Sizing

## Wall Hung Model for VFD Systems



Model Number	Tank Volume (Gallons)	Max. Acceptance Factor	Dimensions			System Connection (NPTM)	System Drawdown (gallons)			Shipping Weight (lbs.)
			Length (Inches)	Width (Inches)	Height (Inches)		30/50	40/60	50/70	
WX-102VFD	4.4	.55	15	11	12	3/4	1.4	1.2	1.0	13

Includes Universal VFD Control Mounting Bracket.

## Pump Stand Models



Model Number	Tank Volume (Gallons)	Max. Acceptance Factor	Dimensions			System Connection (NPTM)	System Drawdown (gallons)			Shipping Weight (lbs.)
			Length (Inches)	Width (Inches)	Height (Inches)		30/50	40/60	50/70	
WX-102PS	4.4	.55	15	11	12	3/4	1.4	1.2	1.0	13
WX-105PS	5.3	.80	18	11	12	3/4	1.6	1.4	1.3	15
WX-110PS	7.4	.56	23	11	12	3/4	2.3	2.0	1.8	18
WX-200PS	14.0	.81	22	15	16	1	4.3	3.8	3.3	29
WX-202PS	20.0	.57	30	15	16	1	6.2	5.4	4.7	35
WX-202H	20.0	.57	30	15	16	1	6.2	5.4	4.7	33

All Well-X-Trol Well Tanks feature: Stainless Steel System Connection.  
 Maximum Working Pressure: 150 psig.  
 Maximum Operating Temperature: 200° F.  
 Factory Pre-charge: 38 psig.

## ESP Sizing Table

Pump Discharge Rate (Approx. GPM)	Pumps Up To 3/4 hp & 1 Minute Run Time			Pumps Over 3/4 hp & 2 Minute Run Time		
	30/50 PSIG	40/60 PSIG	50/70 PSIG	30/50 PSIG	40/60 PSIG	50/70 PSIG
5	WX-202	WX-202	WX-202	WX-205	WX-205	WX-250
7	WX-202XL	WX-203	WX-203	WX-250	WX-251	WX-251
10	WX-205	WX-205	WX-250	WX-251	WX-255	WX-302
12	WX-250	WX-250	WX-251	WX-255	WX-255	WX-350
15	WX-250	WX-251	WX-251	WX-302	WX-350	WX-350
20	WX-251	WX-255	WX-302	WX-350	WX-255 (2)	WX-302 (2)
25	WX-255	WX-302	WX-350	WX-255 (2)	WX-302 (2)	WX-350 (2)
30	WX-302	WX-350	WX-350	WX-302 (2)	WX-350 (2)	WX-302 (3)
35	WX-350	WX-350	WX-255 (2)	WX-350 (2)	WX-350 (2)	WX-350 (3)
40	WX-350	WX-255 (2)	WX-302 (2)	WX-350 (2)	WX-302 (3)	WX-350 (3)

The Effective System Protection (ESP) sizing procedure covers modern residential water-use habits, heavy demands and the general increase in water use that has occurred in recent years. ESP sizing is designed to reduce system wear and lower energy consumption by keeping pump starts to a minimum.

## Variable Frequency Drive (VFD) Sizing Table

Pump Discharge Rate (Approx. GPM)	Pump Motor Horsepower	
	Tank size at least 20% of pump GPM rounded to next size up. 1/2, 3/4 & 1 hp	Larger pumps = Move up additional tank size. 1 1/2 to 2 hp
7	WX-102VFD	WX-103
10	WX-102VFD	WX-103
12	WX-102VFD	WX-103
15	WX-103	WX-104
20	WX-103	WX-104
25	WX-104	WX-202
30	WX-104	WX-202

Sizing chart is to be used in the absence of the VFD manufacturer's tank size recommendation. Selections include additional buffer capacity to minimize pressure fluctuation. A larger tank is always a system enhancement. Tank pre-charge should be set according to drive manufacturer.

Larger Tank = Fewer Cycles = Longer Tank and Pump Life.



# Well Above The Rest®

Not all well tanks are created equal and we can prove it. The Tanks on Tour™ mobile education center is traveling throughout the United States and Canada demonstrating the very real differences that make Well-X-Trol® Well Above The Rest®.

All models are Amtrol Rewards™ eligible. Visit [amtrolrewards.com](http://amtrolrewards.com)



*Tanks on Tour™ in front of the Amtrol Education Center.*



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