



The Well-X1™ is the one for well tank installations.



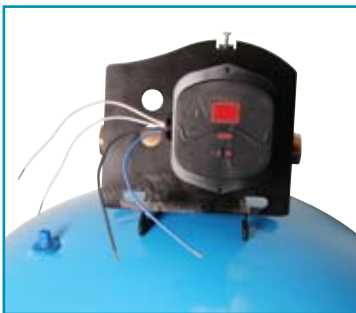
The Next Generation of **Well-X-Trol**®

AMTROL® introduced the first diaphragm well tank in 1963, then made mechanical switches obsolete with the AMTROL'R® digital pump control. Now these revolutionary parts are combined on the **Well-X1**™. Pre-assembled and ready to run out-of-the-box, the **Well-X1**™ is the ultimate in time savings and performance, combining all the components needed for a well tank installation.



Fast.

With every component pre-installed and factory tested, your crew spends less time on the job. You can save over half the time of a traditional well tank installation.



Easy.

No terminal blocks, small screws or tight spaces. Pre-stripped wire leads and a wide-open housing mean fast, easy hookup. 10-gauge wire is no problem. The control is preset at 40/60 psi and starts automatically when power is applied.

Simple.

With the tee, relief valve and drain pre-installed, you simply plumb, wire and go.



Advanced.

The control monitors the system with alerts and protection for rapid cycling, low suction, voltage range and wiring fault. It combines the simplicity of a pressure switch with the benefits of a pump protector.



**A flashing code and a small chirp alert the customer that it's time for service.*

E1

E1 RAPID CYCLE senses short cycling and alerts the user before a water logged tank causes pump damage.

E2

E2 LOW SUCTION shuts the pump off if a dry-run situation occurs. The pump restarts every 60 minutes to allow time for a low yield well to recover.

E3

E3 VOLTAGE PROTECTION protects the motor from improper voltage conditions and restarts automatically when proper voltage is restored.

E5

E5 IMPROPER WIRING warns if the wire connections are made improperly.

Reliable.

The UL® listed, NEMA 3R enclosure is designed to withstand outdoor installations. Rain, humidity, insects and UV rays are no longer a problem. The hermetically-sealed controller is impervious to just about anything mother nature can dish out. The elevated control meets code requirements while keeping all wiring at a safe height. The **Well-X1™** is also available in our exclusive Tuf-Kote™ finish, perfect for outdoor installations in temperate climates.



Tuf-Kote™

Standard Blue



Easy to set and tamper-resistant.

Hold a button to unlock, then use the UP and DOWN arrows to set your cut-in and cut-out pressures independently. No complex settings, no confusing manuals. Simple, accurate settings that won't change, even during a power outage!

Serviceable.

Every major part is accessible and easily replaceable. The control, fittings and valves all use standard thread sizes. In fact, the tank can even be changed without disconnecting the plumbing. A **Well-X1™** gives you peace of mind knowing your customers will never be left without water, awaiting parts.



Constant pressure for every customer!

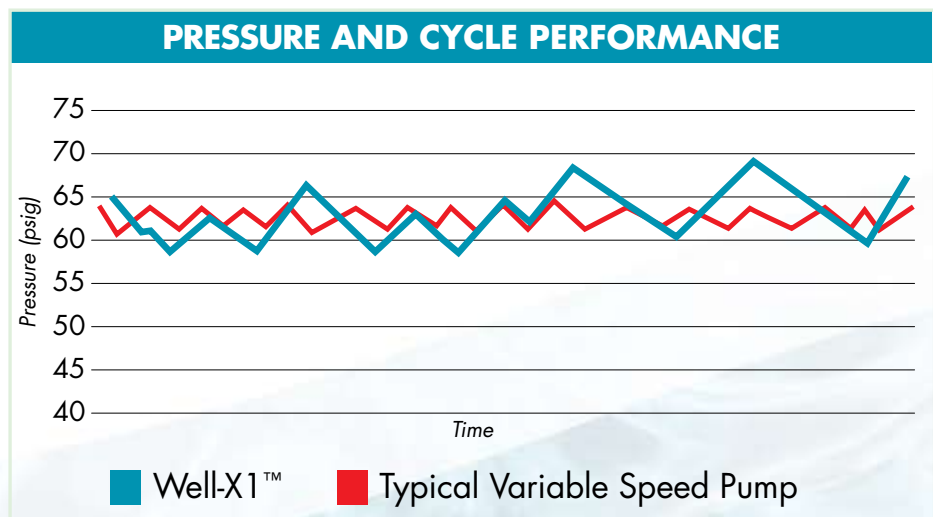
The comfort of VFD, the flexibility of traditional systems, all in one affordable package.

Whether new or retrofit, your customers are shopping for the best value. The **Well-X1™** lets you fill the gap between conventional installations and expensive Variable Speed Drive (VFD) systems. With a ± 5 psi capability, the Well-X1 delivers constant pressure at less cost. Plus, the Well-X1 is compatible with existing 2 or 3-wire motors, including jet pumps! It's an affordable choice for new installations and the ideal performance upgrade for conventional well systems.



60

70



To create a constant pressure system, select the proper Well-X1™ from the sizing chart on the following page.



SPECIFICATIONS

MODEL	VOLUME (GALLONS)	HEIGHT (INCHES)	DIAMETER (INCHES)	WEIGHT (LBS.)	VOLTAGE (VAC.)	MAX. PUMP HORSEPOWER	MAX. PRESSURE (RELIEF VALVE SETTING)	CONTROLLER PRESSURE RANGE (SETTINGS)	CONTROLLER DIFFERENTIAL RANGE
WX1-202	20	40 1/4	15 3/8	44	115/230	2	100 psig	10-80 psig	10-55 psig
WX1-203	32	54 1/2	15 3/8	54	115/230	2	100 psig	10-80 psig	10-55 psig
WX1-250	44	44	22	80	115/230	2	100 psig	10-80 psig	10-55 psig
WX1-251	62	54 3/4	22	103	115/230	2	100 psig	10-80 psig	10-55 psig
WX1-302	86	55 1/4	26	134	115/230	2	100 psig	10-80 psig	10-55 psig

All models: Water Connections 1" NPTF and 1-1/4" NPTM

SYSTEM DRAWDOWN (GALLONS)

MODEL	STANDARD DIFFERENTIAL (psi)				CONSTANT PRESSURE MODE (psi)			
	Pressure Range (cut-in/cut-out)				Pressure Range (cut-in/cut-out)			
	30/50	40/60	50/70	60/80	40/50	50/60	60/70	70/80
WX1-202	6.8	5.9	5.2	4.6	3.8	3.2	2.8	2.6
WX1-203	10.9	9.4	8.3	7.4	6.1	5.1	4.5	4.2
WX1-250	15.0	13.0	11.4	10.1	8.4	7.0	6.2	5.7
WX1-251	21.1	18.3	16.1	14.4	11.8	9.9	8.7	8.1
WX1-302	29.2	25.4	22.4	20.0	16.3	13.8	12.0	11.2

WELL-X1™ SIZING (Select Your Well-X1™ Application)

TRADITIONAL SUBMERSIBLE PUMP INSTALLATION					JET PUMP SYSTEMS									
Traditional System 20 psig differential					Constant Pressure for Submersible Pumps 10 psig differential					Constant Pressure for Jet Pumps 10 psig differential				
PUMP GPM	Pressure Range (cut-in/cut-out)				PUMP GPM	Pressure Range (cut-in/cut-out)				PUMP GPM	Pressure Range (cut-in/cut-out)			
	30/50	40/60	50/70	60/80		40/50	50/60	60/70	70/80		20/30	30/40	40/50	50/60
4	WX1-202	WX1-202	WX1-202	WX1-202	5	-	-	WX1-250	WX1-250	4	WX1-202	WX1-202	WX1-203	WX1-203
5	WX1-202	WX1-202	WX1-202	WX1-203	7	WX1-250	WX1-250	WX1-251	WX1-251	5	WX1-202	WX1-203	WX1-203	WX1-250
7	WX1-203	WX1-203	WX1-203	WX1-203	10	WX1-251	WX1-251	WX1-302	WX1-302	6	WX1-203	WX1-203	WX1-250	WX1-250
10	WX1-203	WX1-250	WX1-250	WX1-250	12	WX1-251	WX1-302	WX1-302	WX1-302	<i>Jet pumps can now provide city-like water pressure. Choose a Well-X1™ from this table to create a constant pressure system with a jet pump!</i>				
12	WX1-250	WX1-250	WX1-251	WX1-251	15	WX1-302	WX1-302	-	-					
15	WX1-251	WX1-251	WX1-251	WX1-302										
18	WX1-251	WX1-302	WX1-302	WX1-302										
20	WX1-251	WX1-302	WX1-302											

Select a Well-X1™ from this chart to take advantage of the 10 psig differential and create a constant pressure system with a submersible pump.

Use this chart for any standard well system operating at a 20 psig differential. The Well-X1™ is sized like a traditional well tank.



The **Well-X1**™ offers something for every customer.

Whether you're a driller, service tech, plumber or builder, the **Well-X1**™ is the solution for all of your jobs. It's designed for new installations where time and materials count and it's the perfect answer for customers who want to upgrade their existing well systems.

AMTROL makes it easy to sell the advantages of the **Well-X1**™. Share the benefits with your customers using our simple sales literature, our web site and the attached DVD. Leave one with each of your clients and prospects.

Each job has its own challenges and needs. **The Well-X1**™ can do it all.



To order the
Well-X1™ Promotional DVD,
visit www.amtrol.com





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