

TOP-PRO[®]tector

The Ultimate in Pump Protection



Diaphragm Pump
Tanks



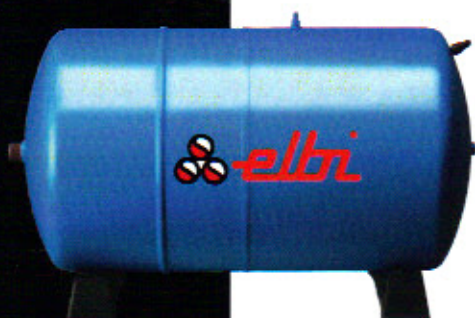
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Certified to ANSI-NSF 61
for Public Health and
Safety

Other features and benefits

ELBI TOP-PRO[®]ector Series of Hydro-pneumatic water well tanks represent the latest development in well tank technology and come with a true deep-drawn design with one single body weld which gives it reliability, lightness and efficiency.

There are no inner domes to limit the diaphragm's expansion, therefore, the maximum drawdown can be obtained in all conditions. Top-Pro[®]ector type tanks feature Elbi exclusive Top-Pro[®] internal coating. Top-Pro[®] coating is tested against ASTM standards for perfect adhesion.

What's New in the DWT-R08 Series tanks

- Ultra Grade Polyester Powder Coating No UV Ray deterioration (chalking) - Tough Finish
- Adhesion Tested to ASTM-D3359-02 & D522-93a
- Improved diaphragm retaining ring
- Heavy Gauge Steel
- Galvanized Steel water fittings & Elbows
- Heavy Poly Base Support

FEATURE	BENEFITS
Diaphragm type design	Simple and reliable design
Wide range of sizes available	From 2 to 119 gallons, we offer 14 different sizes to perfectly suit your application.
Heavy duty Butyl diaphragm	In-house diaphragm manufacturing, using injection molding equipment, to ensure total control of this vital component. Proprietary food quality Butyl compound will not release taste or odor to water which makes it safe for alimentary applications. Solid construction, all diaphragms are QC inspected prior to assembly.
Exclusive TOP-PRO [®] corrosion proofing	Provides a high level of resistance against the corrosive action of water. *Completely phenol-free coating which satisfies government requirements for products designed to contain liquids for human consumption.
Protection of water inlet	Plastic insert keeps the diaphragm safe, prevents well water debris from entering the tank.
Protected air valve	Precharge air valve stem
Steel Base *Premium Series only Poly Base - Standard Series	Allows for an easy installation, does not limit tank position as in the case of closed based. Perfect for "T" installation in multiple tank set-up. The open style base provides better aeration, thus reducing condensation and premature rusting.*
Compact, light weight design	Space efficient design, replaces standard galvanized tanks up to three times as large; easy to handle and install.

AVAILABLE DRAWDOWNS

Model	20-40	30-50	40-60
DWT-8R08	0.80	0.70	0.60
DWT-18R08	1.70	1.50	1.30
DWT-25R08	2.40	2.00	1.80
DWT-25HR08	2.40	2.00	1.80
DWT-50VR08	4.80	4.10	3.50
DWT-50HR08	4.80	4.10	3.50
DWT-80VR08	7.80	6.60	5.70
DWT-100VR08	9.70	8.20	7.10
DWT-150VR08	14.50	12.30	10.60
DWT-200VR08	19.40	16.40	14.20
DWT-300VR08	29.10	24.60	21.30
DWT-450VR08	43.60	36.90	31.90



DWT-R08

ELBI	Dimension	Gallon Capacity	Connection	Pallet Qty	Weight
IN LINE					
DWT-8R08	8-3/4" X 12-9/16"	2	3/4"	150	5
DWT-18R08	11-3/8" X 14-11/16"	4.6	3/4"	70	9
DWT-25R08	11-3/8" X 21-1/8"	7.3	3/4"	56	14
VERTICAL					
DWT-50VR08	15-3/8" X 24-3/4"	14	1"	20	25
DWT-80VR08	15-3/8" X 32-3/4"	20	1"	18	30
DWT-100VR08	15-3/8" X 45-1/2"	32	1"	15	40
DWT-150VR08	20" X 32-5/8"	36	1"	10	45
DWT-200VR08	23-3/8" X 38-5/8"	52	1-1/4"	8	75
DWT-300VR08	23-3/8" X 59"	86	1-1/4"	4	105
DWT-400VR08	23-3/8" X 63-3/8"	96	1-1/4"	4	111
DWT-450VR08	26" X 61-1/4"	119	1-1/4"	4	164
HORIZONTAL					
DWT-25HR08	11-3/8" X 12-5/8"	7.3	3/4"	24	16
DWT-50HR08	15-3/8" X 17-3/8"	14	1"	20	26
DWT-80HR08	15-3/8" X 17-3/8"	20	1"	18	30

ELBI - PREMIUM LINE WELL TANKS

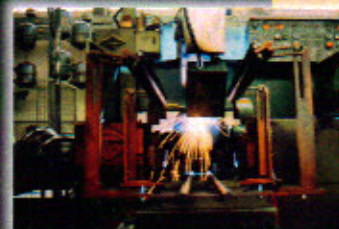
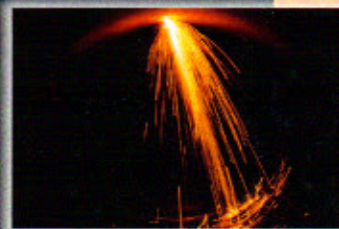
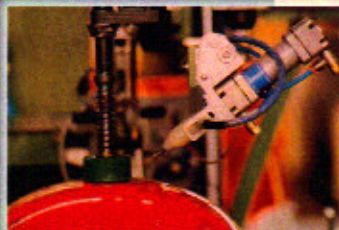


- TWO-COAT EPOXY LINING
- STURDY WELDED STEEL BASE
- 125 PSI WP WORKING PRESSURE
- 5 YEAR WARRANTY
- TWO-LAYER POWDER COATING
- VERTICAL MODELS



NEW DWT-PREMIUM SERIES

ELBI	Dimension	Gallon Capacity	Connection	Pallet Qty	Weight
DWT-80VR08	15-3/8" X 32-3/4"	20	1"	18	30
DWT-100VR08	15-3/8" X 45-1/2"	32	1"	15	40
DWT-150VR08	20" X 32-5/8"	36	1"	10	45
DWT-200VR08	23-3/8" X 38-5/8"	52	1-1/4"	8	75
DWT-300VR08	23-3/8" X 59"	86	1-1/4"	4	105
DWT-400VR08	23-3/8" X 63-3/8"	96	1-1/4"	4	111
DWT-450VR08	26" X 61-1/4"	119	1-1/4"	4	164



QUICK SIZING TABLE - DWT PREMIUM SERIES

Maximum Pump Flow (gpm)	System Pressure Ranges								
	20-40			30-50			40-60		
	Minimum Run Time In Minutes								
	1	1.5	2	1	1.5	2	1	1.5	2
2	DWT-25**	DWT-50*	DWT-50V*	DWT-50V*	DWT-50V*	DWT-80V	DWT-50V*	DWT-50V*	DWT-80V
5	DWT-50V*	DWT-80V	DWT-100V	DWT-80V	DWT-100V	DWT-150V	DWT-80V	DWT-100V	DWT-150V
7	DWT-80V	DWT-150V	DWT-150V	DWT-80V	DWT-150V	DWT-200V	DWT-100V	DWT-150V	DWT-200V
10	DWT-100V	DWT-150V	DWT-200V	DWT-150V	DWT-200V	DWT-300V	DWT-150V	DWT-200V	DWT-300V
12	DWT-150V	DWT-200V	DWT-300V	DWT-150V	DWT-200V	DWT-300V	DWT-200V	DWT-300V	DWT-450V
15	DWT-200V	DWT-300V	DWT-300V	DWT-200V	DWT-300V	DWT-450V	DWT-200V	DWT-300V	DWT-450V
20	DWT-300V	DWT-300V	DWT-450V	DWT-300V	DWT-450V	DWT-500V	DWT-300V	DWT-450V	2xDWT-300V
25	DWT-300V	DWT-450V	DWT-500V	DWT-300V	DWT-450V	2xDWT-300V	DWT-450V	DWT-500V	2xDWT-450V
30	DWT-300V	DWT-500V	2xDWT-300V	DWT-450V	2xDWT-300V	2xDWT-450V	DWT-450V	2xDWT-300V	2xDWT-450V

MAINTENANCE

It is recommended that a periodic maintenance inspection of the complete system be performed by a professional licensed plumber. The inspection should be done at least once a year and during such check, the tank's precharge should be tested and adjusted to the correct pressure if necessary. Failure to comply will void the warranty. We strongly recommend the use of dielectric union when connecting dissimilar metals.

WARRANTY

Elbi's DWT series tanks are guaranteed to be free of workmanship or material defects for a period of 5 (five) years from the date of manufacturing. For a complete description of our warranty policy consult the literature which comes with the product or call our offices to request a copy. Tanks will eventually leak. Make adequate provisions in installation to avoid possible damage to property.

Who we are...

Elbi has over 35 years of experience in tank manufacturing and a worldwide reputation for quality, offering an extensive line of products which satisfy the taste and exigency of all modern installation in water distribution, water storage, water heating and water treatment systems.

We are represented in all major world markets either by a network of authorized distributors or by directly owned sales organizations. Our widespread presence ensures that our lines of products always keep up with all technological advances.

Our most valuable asset is experience and reputation. We take pride in equipping our plants with the most modern production equipment including robotic systems, CAD/CAM machines and automatic welding and assembly systems.

Product design is handled by our internal development team, our testing facilities and quality control services which ensures that you get a quality product from design to installation. Our well tanks are domestically produced.

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