



ARO SERIES

HYDROPNEUMATIC PRESSURIZED TANK



VERTICAL



HORIZONTAL (PUMP BASE)



INLINE

Aquatrol Hydropneumatic Pressurized Tanks are an ideal product for well applications and for applications where you want to minimize pump start-ups every time you use water. When the pump fills the tank with water, the air above the diaphragm is compressed and the increased pressure inside the tank causes the pump to shut-off. Minimized pump starts and stops prevent motor damage due to excessive cycling of the pump, creates more consistent water pressure and provides savings through reduced energy use.

Aquatrol Hydropneumatic Pressurized Tanks are constructed using high strength cold rolled carbon steel for added strength and painted with triple grade enamel making them extremely durable in outdoor applications.

Aquatrol Hydropneumatic Pressurized Tanks come with stainless steel 304 NPT connections, offer a heavy-duty butyl rubber diaphragm and provide you with the peace of mind of an FDA grade polypropylene liner. This coupled with its 5-year warranty and durable design makes them the logical choice for industry professionals because of their cost to benefit ratio.



ARO SERIES

HYDROPNEUMATIC PRESSURIZED TANK



TANK SPECIFICATIONS

- FACTORY PRE-CHARGE: 30 psi (2 bar)
- MAX. WORKING TEMP: 200 °F (93 °C)
- MAX. WORKING PRESSURE: 150 psi (10 bar)

MATERIALS OF CONSTRUCTION

- SHELL: Cold Rolled Carbon Steel
- COATING: Triple Grade Enamel
- LINER: FDA GRADE Polypropylene
- DIAPHRAGM: Heavy-Duty Butyl Rubber
- CONNECTIONS: 304 Stainless Steel

WARRANTY

MANUFACTURER WARRANTY: 5 year Limited Warranty

WARNINGS

WARNING: BEFORE INSTALLATION, READ CAREFULLY THE PRODUCT INSTALLATION AND OPERATION INSTRUCTIONS MANUAL. FAILURE TO FOLLOW THE INSTRUCTIONS MAY RESULT IN SERIOUS OR FATAL INJURY AND/OR PROPERTY DAMAGE. FAILURE TO FOLLOW THE INSTRUCTIONS WILL VOID THE PRODUCT WARRANTY.

WARNING: EXPLOSION HAZARD! FAILURE TO FOLLOW THE INSTRUCTIONS IN THE PRODUCT MANUAL CAN CAUSE A RUPTURE OR EXPLOSION, POSSIBLY CAUSING FATAL OR SERIOUS INJURY, LEAKING, FLOODING AND/OR PROPERTY DAMAGE.

WARNING: THIS STORAGE TANK IS DESIGNED FOR OPERATION IN COLD WELL SYSTEMS AND LIMITED TO A WORKING PRESSURE OF NO GREATER THEN 125PSI. INSPECT TANK REGULARLY. IF SIGNS OF CORROSION ARE PRESENT, REMOVE TANK FROM OPERATION IMMEDIATELY.

Aquatrol will not be held responsible for damage deriving from improper use of the Hydropneumatic Pressurized Tanks.

LIT-ARO-DS 10/23/18

INLINE MODELS						
Model Number	Tank Volume (gal / L)	Maximum Acceptance (gal / L)	DIMENSIONS			SHIPPING Tank Weight (lbs / kg)
			Tank Diameter (in / cm)	Tank Height (in / cm)	Tank Connection (NPT)	
ARO-305I-B10	0.5 gal / 3 L	0.25 gal / 0.95 L	5.1" / 13 cm	8.5" / 21.5 cm	1"	1.2 lbs / 0.5 kg
ARO-82I-B10	2 gal / 8 L	0.9 gal / 3.4 L	8" / 20.3 cm	11.4" / 29 cm	1"	2.5 lbs / 1.1 kg
ARO-1232I-B10	3.2 gal / 12 L	1.6 gal / 6.05 L	9.1" / 23 cm	15.4" / 39 cm	1"	3.2 lbs / 1.4 kg
ARO-1845I-B10	4.5 gal / 18 L	2.5 gal / 9.5 L	11" / 28 cm	15.4" / 39 cm	1"	3.7 lbs / 1.7 kg
ARO-246I-B10	6 gal / 24 L	3 gal / 11.4 L	11.6" / 29.5 cm	16.3" / 41.5 cm	1"	4.6 lbs / 2.1 kg
ARO-3810I-B10	10 gal / 38 L	5.2 gal / 19.7 L	11.6" / 29.5 cm	21.7" / 55 cm	1"	6.4 lbs / 2.9 kg

VERTICAL MODELS						
Model Number	Tank Volume (gal / L)	Maximum Acceptance (gal / L)	DIMENSIONS			SHIPPING Tank Weight (lbs / kg)
			Tank Diameter (in / cm)	Tank Height (in / cm)	Tank Connection (NPT)	
ARO-5814V-B10	14 gal / 58 L	11.3 gal / 42.8 L	15" / 38.1 cm	23.6" / 66 cm	1"	9.7 lbs / 4.4 kg
ARO-8020V-B10	20 gal / 80 L	13 gal / 49.2 L	15" / 38.1 cm	30.7" / 78 cm	1"	13 lbs / 5.9 kg
ARO-10025V-B10	28 gal / 100 L	15 gal / 56.8 L	15" / 38.1 cm	39.2" / 99.5 cm	1"	15.5 lbs / 7 kg
ARO-12032V-B10	32 gal / 120 L	16 gal / 60 L	15" / 38.1 cm	44" / 112 cm	1"	19.2 lbs / 8.7 kg
ARO-13034V-B114	34 gal / 130 L	22.5 gal / 85 L	22" / 55.9 cm	29.5" / 75 cm	1 1/4"	22 lbs / 10 kg
ARO-16044V-B114	44 gal / 160 L	30 gal / 113.6	22" / 55.9 cm	36" / 91.5 cm	1 1/4"	25.5 lbs / 11.6 kg
ARO-23562V-B114	62 gal / 235 L	35.2 gal / 133 L	22" / 55.9 cm	45.7" / 116 cm	1 1/4"	36.5 lbs / 16.5 kg
ARO-30582V-B114	82 gal / 305 L	44 gal / 166.5 L	22" / 55.9 cm	57.1" / 145 cm	1 1/4"	46.8 lbs / 16.6 kg

HORIZONTAL MODELS (PUMP BASE MODELS)						
Model Number	Tank Volume (gal / L)	Maximum Acceptance (gal / L)	DIMENSIONS			SHIPPING Tank Weight (lbs / kg)
			Tank Diameter (in / cm)	Tank Height (in / cm)	Tank Connection (NPT)	
ARO-1845H-B10	4.5 gal / 18 L	2.5 gal / 9.5 L	11" / 28 cm	12" / 30 cm	1"	5 lbs / 2.3 kg
ARO-246H-B10	6 gal / 24 L	3 gal / 11.4 L	11.6" / 29.5 cm	12.6" / 32 cm	1"	6 lbs / 2.7 kg
ARO-3810H-B10	10 gal / 38 L	5.2 gal / 19.7 L	11.6" / 29.5 cm	12.6" / 32 cm	1"	7.8 lbs / 3.5 kg
ARO-5814H-B10	14 gal / 58 L	11.3 gal / 42.8 L	15" / 38.1 cm	17" / 42.5 cm	1"	11.7 lbs / 5.3 kg
ARO-8020H-B10	20 gal / 80 L	13 gal / 49.2 L	15" / 38.1 cm	17" / 42.5 cm	1"	15 lbs / 6.8 kg



AQUATROL | P.O. Box 2235 Chino Hills, CA 91709 • USA

Distributed by: