



DATA SUBMITTAL

Potable Water with
Replaceable Bladder
UltraPro Expansion Tanks

Models: ZUP8 - ZUP1000

Date: 9/25

Job Name: _____	Submitted By: _____	Date: _____
Job Location: _____	Approved By: _____	Date: _____
_____	Order No.: _____	Date: _____
Engineer: _____	Notes: _____	
Contractor: _____	_____	
Sales Rep.: _____	_____	

Description

Zilmet UltraPro tanks offer unlimited service as the bladder is easily replaceable. A full range of replaceable bladder expansion tanks ranging from 2 gallons to 260 gallons. Tanks can be installed with irrigation pumps, centrifugal pumps, submersible pumps, and booster sets. Membrane is food grade. External paint is powder epoxy.

Membrane is fixed at both ends by design. The flange end is the system water connection. For larger tanks above 21.1 gallons, the opposite end fitting is the support post for the internal membrane which helps keep the membrane away from inner tank surface, insuring long life. This fitting is open to the water system side for installation of a pressure gauge, or switch. If not used, this fitting must be plugged. For smaller tanks, a special air stem provides this function.

Construction:

Shell: Carbon Steel
Connection: Stainless Steel
Factory Precharge: 28 PSIG
Membrane: Butyl

Performance Specifications

Maximum Design Temperature: 210°F
Maximum Design Pressure: 150 PSIG
CE and WRAS approved

Vertical vessels				
Model	Code	Capacity gallons	Tagging Information	Quantity
ZUP8	5041566	2.1		
ZUP12V	5041573	3.2		
ZUP18V	5041580	5		
ZUP24V	5041597	6.3		
ZUP50V	5040668	13.2		
ZUP60V	5041410	15.9		
ZUP80V	5040767	21.1		
ZUP100V	5041641	26.4		
ZUP200V	5042013	52.8		
ZUP300V	5042006	79.3		
ZUP500V	5046462	132.1		
ZUP750V	5046448	198.1		
ZUP1000V	5040491	264.2		



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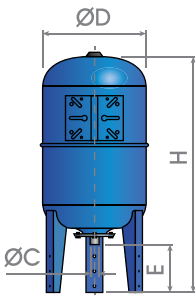
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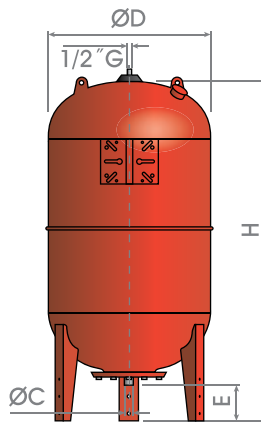
Date: 9/25

Horizontal vessels				
Model	Code	Capacity gallons	Tagging Information	Quantity
ZUP24H	5038337	6.3		
ZUP50H	5038306	13.2		
ZUP60H	5038214	15.9		
ZUP80H	5038221	21.1		
ZUP100H	5038238	26.4		
ZUP200H	5038245	52.8		
ZUP300H	5041542	79.3		

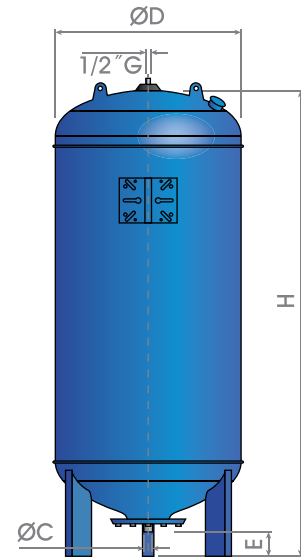
Technical drawings



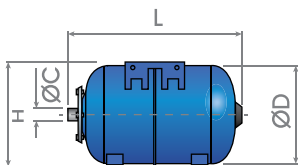
13-21 gallons
Vertical



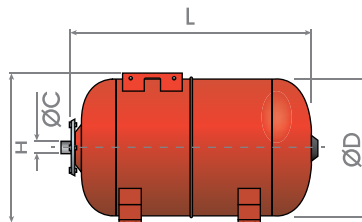
26-132 gallons
Vertical



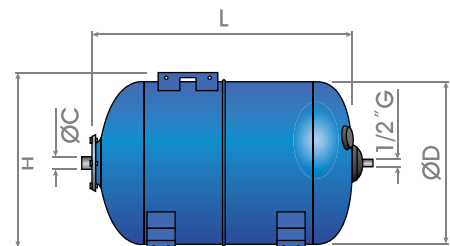
198-264 gallons
Vertical



2-6 gallons
Horizontal



13-21 gallons
Horizontal



26-80 gallons
Horizontal



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Technical and dimensional data (dimensions in inches, gallons, and psig)

Vertical vessels								
Model	Code	Capacity gallons	Ø Diameter Ø inches	Height inches	E inches	Acceptance Vol (gal)	Weight lbs	Connection inches
ZUP8	5041566	2.1	7.8	13.5	-	1.5	2.6	3/4"NPT
ZUP12V	5041573	3.2	12.3	10.7	-	2.4	3.2	3/4"NPT
ZUP18V	5041580	5	16.2	9.8	-	3.7	3.8	3/4"NPT
ZUP24V	5041597	6.3	10.6	19.1	-	4.6	5.3	1"NPT
ZUP50V	5040668	13.2	14.9	30.6	7.1	9.7	9.9	1"NPT
ZUP60V	5041410	15.9	14.9	33.8	6.7	11.7	10.2	1"NPT
ZUP80V	5040767	21.1	17.7	32.7	6	15.5	11.6	1"NPT
ZUP100V	5041641	26.4	17.7	35.8	6	19.4	15.8	1"NPT
ZUP200V	5042013	52.8	21.6	48.6	8.3	38.8	36.5	1 1/2"NPT
ZUP300V	5042006	79.3	24.8	53.7	7.4	58.3	51	1 1/2"NPT
ZUP500V	5046462	132.1	29.5	61.4	7.4	97.2	79.7	1 1/2"NPT
ZUP750V	5046448	198.1	29.5	81.7	5.9	134	142.7	1 1/2"NPT
ZUP1000V	5040491	264.2	33.5	82.7	4.7	154.2	208.7	1 1/2"NPT

Horizontal vessels								
Model	Code	Capacity gallons	Ø Diameter inches	Height inches	L inches	Acceptance Vol (gal)	Weight lbs	Connection inches
ZUP24H	5038337	6.3	10.6	11.4	19.1	4.6	5.3	1"NPT
ZUP50H	5038306	13.2	14.9	16.1	22	9.7	9.9	1"NPT
ZUP60H	5038214	15.9	14.9	16.1	25.2	11.7	10.2	1"NPT
ZUP80H	5038221	21.1	17.7	18.9	25.2	15.5	11.6	1"NPT
ZUP100H	5038238	26.4	17.7	18.9	28.7	19.4	15.8	1"NPT
ZUP200H	5038245	52.8	21.6	22.8	38.8	38.8	36.5	1 1/2"NPT
ZUP300H	5041542	79.3	24.8	26	44.9	58.3	51	1 1/2"NPT