



DATA SUBMITTAL

Stainless Steel
Inox Pro and Ultra Inox Pro (ZS)
Expansion Tanks

Models: ZS160 – ZS100H

Date: 11/2021

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

Description

Zilmet stainless steel expansion tanks, constructed with 304 stainless steel, are used in hydronic, industrial, potable, and commercial applications. The tanks can be used for expansion, shock suppression and in variable speed pump systems. ZS8, ZS12, and ZS18 are all NSF61 certified. Uses include: high corrosive areas, rain water collection, marine, food processing, breweries, auto manufacturers, hospitals.

Construction:

Shell and Connection: 304 Stainless Steel
 Factory Precharge (.04 gal - .53 gal): 50 PSIG
 Factory Precharge (2.1 gal – 4.8 gal): 36 PSIG
 Factory Precharge 6.3 gal – 26.4 gal): 22 PSIG
 Membrane: Inox Pro: butyl diaphragm
 Ultra Inox Pro: replaceable butyl bladder

Performance Limitations

Maximum Design Temperature: 14°F - 210°F
 Maximum Operating Pressure (ZS160): 220 PSIG
 Maximum Operating Pressure (ZS05 – ZS100H): 150 PSIG

Model Number	Volume (gal)	UPC Code	Tagging Information	Quantity
<u>In Line Inox Pro</u>				
ZS160	0.04	N/A		
ZS05	0.13	5043355		
ZS1	0.26	5043362		
ZS2	0.53	5039945		
ZS8	2.1	5038375		
ZS12	3.2	5038498		
ZS18	4.8	5043898		
ZS24V	6.3	5044796		
<u>Stand Models Ultra Inox Pro</u>				
ZS24H	6.3	5039983		
ZS60V	15.9	5043348		
ZS60H	15.9	5044772		
ZS100V	26.4	5039631		
ZS100H	26.4	5044789		



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Model Number	Capacity gal	Ø – Diameter inches	H – Height inches	E or L Dimension (inches)	Weight (lbs)	Acceptance Volume (gal)	Connection (NPT)
In Line Inox Pro							
ZS160	0.04	3.2	2.8	N/A	0.5	0.025	¼"
ZS05	0.13	3.7	4.7	N/A	0.8	0.1	½"
ZS1	0.26	4.6	6.1	N/A	1.7	0.2	½"
ZS2	0.53	5.5	7.7	N/A	2.0	0.3	½"
ZS8	2.1	7.8	10.8	N/A	5.0	1.5	¾"
ZS12	3.2	10.6	10.8	N/A	6.8	3.2	¾"
ZS18	4.8	10.6	14.2	N/A	8.8	3.3	¾"
ZS24V	6.3	10.6	19.1	N/A	11.0	4.9	1"
Stand Models Ultra Inox Pro							
ZS24H	6.3	10.6	11.4	19.1	13.0	4.9	1"
ZS60V	15.9	15.0	33.9	6.7	33.0	12.3	1"
ZS60H	15.9	15.0	16.1	25.2	31.0	12.3	1"
ZS100V	26.4	17.7	35.8	6.0	42.0	20.4	1"
ZS100H	26.4	17.7	18.9	28.7	44.0	20.4	1"