



# Inox and Ultra Inox-Pro

## *Stainless Steel Pressure Tanks*



### Features

- Polished, high-grade 304-series stainless steel
- Butyl membrane suitable for both hot and cold water applications
- ZS8, ZS12 and ZS18 tanks are NSF61 Certified
- 5 year limited warranty

### Applications

- Data centers and critical systems
- Manufacturing and process
- High corrosion environments
- Variable speed pump applications
- Food processing plants
- Hospitals and clean rooms
- Rain water collection
- Marine applications
- Breweries

### Description

- Shell: 304 stainless steel  
Flange: Stainless steel  
Membrane: Inox Pro: butyl diaphragm  
Ultra Inox Pro: replaceable butyl bladder



## Technical Drawings



## Inox Pro Technical and Dimensional Data

<i>Model</i>	<i>Capacity</i>	<i>Diameter</i>	<i>Height</i>	<i>Max. Pressure</i>	<i>Precharge</i>	<i>Connection</i>
	<i>gallons</i>	<i>diameter (D)</i>	<i>inches (H)</i>	<i>psi</i>	<i>psi</i>	<i>npt (C)</i>
ZS160	0.04	3.2	2.8	220	50	1/4"
ZS05	0.13	3.7	4.7	150	50	1/2"
ZS1	0.26	4.6	6.1	150	50	1/2"
ZS2	0.53	5.5	7.7	150	50	1/2"
ZS8*	2.1	7.8	10.8	150	36	3/4"
ZS12*	3.2	10.6	10.8	150	36	3/4"
ZS18*	4.8	10.6	14.2	150	36	3/4"

\* These models are NSF61 certified



## Operating Conditions

Max Operating Pressure ZS160: 220 psi  
 Max Operating Pressure ZS05-ZS18: 150 psi  
 Operating Temperature: 14°F - 210°F

## Ultra Inox Pro Technical and Dimensional Data

### VERTICAL MODELS

<i>Model</i>	<i>Capacity</i>	<i>Diameter</i>	<i>Height</i>	<i>E</i>	<i>Max. Pressure</i>	<i>Precharge</i>	<i>Connection</i>
	<i>gallons</i>	<i>diameter (D)</i>	<i>inches (H)</i>		<i>psi</i>	<i>psi</i>	<i>npt (C)</i>
ZS24V	6.3	10.6	11.4		145	22	1"
ZS60V	15.9	15.0	16.1	6.7	145	22	1"
ZS100V	26.4	17.7	18.9	6.0	145	22	1"

### HORIZONTAL MODELS

<i>Model</i>	<i>Capacity</i>	<i>Diameter</i>	<i>Height</i>	<i>L</i>	<i>Max. Pressure</i>	<i>Precharge</i>	<i>Connection</i>
	<i>gallons</i>	<i>diameter (D)</i>	<i>inches (H)</i>		<i>psi</i>	<i>psi</i>	<i>npt (C)</i>
ZS24H	6.3	10.6	11.4	19.1	145	22	1"
ZS60H	15.9	15.0	16.1	25.2	145	22	1"
ZS100H	26.4	17.7	18.9	28.7	145	22	1"

## Operating Conditions

Max Operating Pressure: 145 psi  
 Max Operating Pressure: 22 psi  
 Operating Temperature: 14°F - 210°F

## Technical Drawings

