



Inox and Ultra Inox-Pro

Stainless Steel Pressure Tanks



Features

- Polished, high-grade 304-series stainless steel shell & connection
- Butyl membrane for maximum duty life and minimal permeation
- Wide range of applications in Potable or Closed-Loop Systems
- Suitable for Expansion Control in Chilled Water and Hydronic Heating
- ZS8, ZS12 and ZS18 tanks are ANSI/NSF61 Listed
- 5-Year limited warranty

Applications

- Data Centers and Critical Systems
- Manufacturing and Process
- High corrosion environments
- Variable speed pump applications
- Food, Beverage and Brewery
- Hospitals and clean rooms
- Filtration & High Purity Water
- Marine applications



Diaphragm-Type



Inox Pro Technical and Dimensional Data

Model	Capacity	Diameter	Height	Max. Pressure	Precharge	Connection
	gallons	diameter (D)	inches (H)	psi	psi	npt (C)
ZS160	0.04	3.2	2.8	220	50	1/4"
ZS05	0.13	3.7	4.7	150	15	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"

Operation & Compatibility

Wetted Surfaces :
 Temperature Range:
 Fluid Compatibility:

100% Non-Ferrous for High Purity
 14°F - 210°F
 Water, RO, most Antifreeze solutions,
 including Propylene Glycol up to 50%

Ultra Inox Pro Technical and Dimensional Data

VERTICAL MODELS

Model	Capacity	Diameter	Height	E	Max. Pressure	Precharge	Connection
	gallons	diameter (D)	inches (H)		psi	psi	npt (C)
ZS24V	6.3	10.6	11.4	-	145	29	1"
ZS60V	15.9	15.0	16.1	6.7	145	29	1"
ZS100V	26.4	17.7	18.9	6.0	145	29	1"

HORIZONTAL MODELS

Model	Capacity	Diameter	Height	L	Max. Pressure	Precharge	Connection
	gallons	diameter (D)	inches (H)		psi	psi	npt (C)
ZS24H	6.3	10.6	11.4	19.1	145	29	1"
ZS60H	15.9	15.0	16.1	25.2	145	29	1"
ZS100H	26.4	17.7	18.9	28.7	145	29	1"

Specifications

Pressure Shell : 304L Stainless Steel
 Connector & Flange: Stainless Steel
 Membrane Type: Inox Pro: butyl diaphragm
 Ultra Inox Pro: replaceable butyl bladder

Replaceable Bladder Type

