Pressure tanks

Pressure Tanks without Membrane

60 to 1,000 L · 6 to 8 bar

Vertical and horizontal AISI 304 stainless steel pressure tanks without an internal membrane.

FT-RES-SM · Rev. 1



Stainless steel pressure tanks for pressurized water storage, pressure boosting, irrigation and water treatment. Available in vertical and horizontal versions.

Applications

- Urban and rural water supply.
- Industrial processes and pressurization systems.
- Agricultural irrigation and gardens.
- Hydropneumatic systems.
- Water treatment

Operating conditions

- The system must include a pressure-limiting safety device.
- Recommended periodic verification (biannually).
- Do not drill or weld the tank.
- 3-year warranty against manufacturing defects.

Engineering note	Confirm the installation conditions, power supply and duty point before commissioning.
Complementary equipment	Contact JOVAL for compatible accessories and equipment.
Resources and support	Pump selection guide · JOVAL technical support
Contact	+351 253 490 740 · joval@joval.pt

Technical specifications

Material
Stainless Steel AISI 304 (1.4301)

Membrane
Without Membrane

Standards
European Directive 2014/68/EU (Pressure Equipment)

Applications

- Urban and rural water supply.
- Industrial processes and pressurization systems.
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- Hydropneumatic systems.
- Water treatment

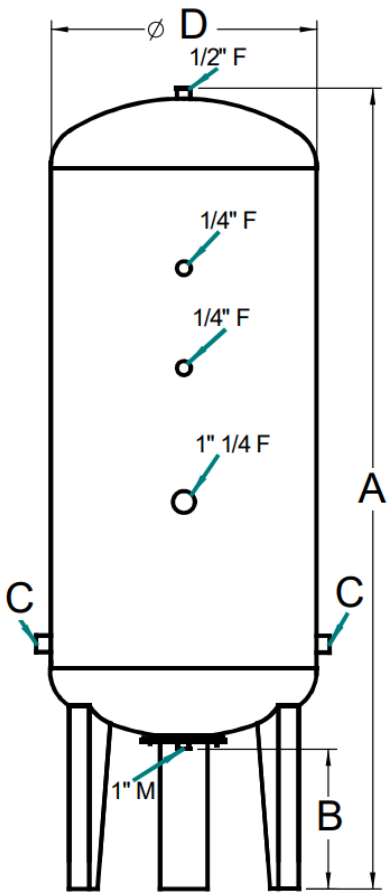
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Dimensions and Models · Series V (Vertical)

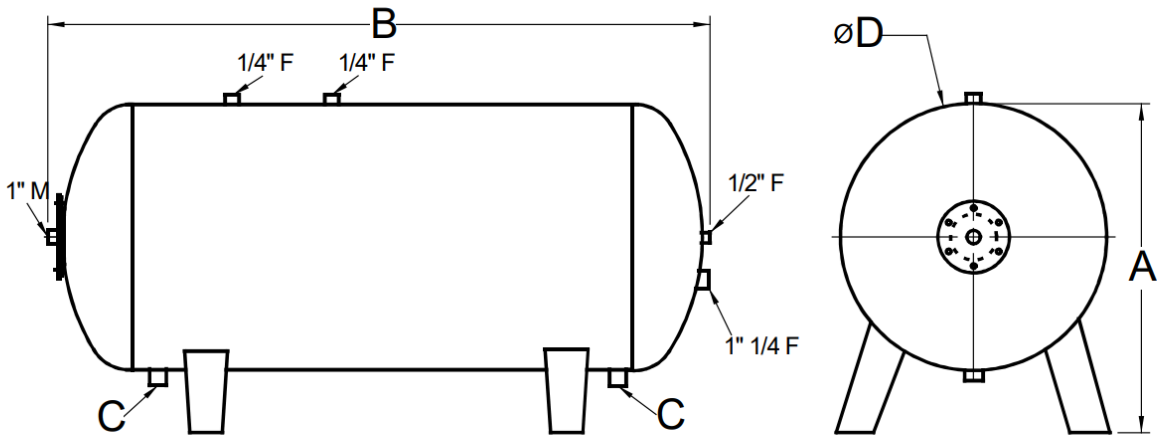
Dimensional diagram and models



Model	Height A (mm)	Connection Height (mm)	Inlet / Outlet C	Diameter D (mm)	Maximum Pressure (Bar)	Weight (kg)
60 VI	800	160	1" M	400	8	10
100 VI	1215	160	1" M	400	8	15
150 VI	1250	190	1" 1/4 M	480	8	18,4
200 VI	1500	195	1" 1/4 M	480	6	21,8
300 VI	1700	220	1" 1/4 M	540	6	31,6
400 VI	1600	220	1" 1/4 M	635	6	50
600 VI	2095	220	1" 1/4 M	635	6	67
750 VI	1950	220	2" M	790	6	75
1000 VI	2500	245	2" M	790	6	85

Dimensions and Models · Series H (Horizontal)

Dimensional diagram and models



Model	Length mm A (mm)	Connection Height (mm)	Inlet / Outlet C	Diameter D (mm)	Maximum Pressure (Bar)	Weight (kg)
100 HI	985	160	1" M	400	8	14,2
200 HI	1150	160	1" 1/4 M	480	6	27
300 HI	1300	190	1" 1/4 M	540	6	33