

# 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.

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### 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](mailto:joval@joval.pt)

## Technical specifications

Applications

### Material

Stainless Steel AISI 304 (1.4301)

### Membrane

Without Membrane

### Standards

European Directive 2014/68/EU (Pressure Equipment)

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

## Operating conditions

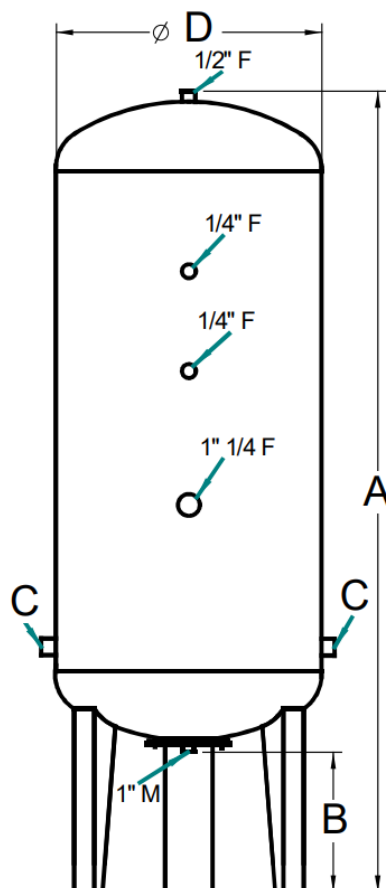
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## Dimensions and Models · Series V (Vertical)

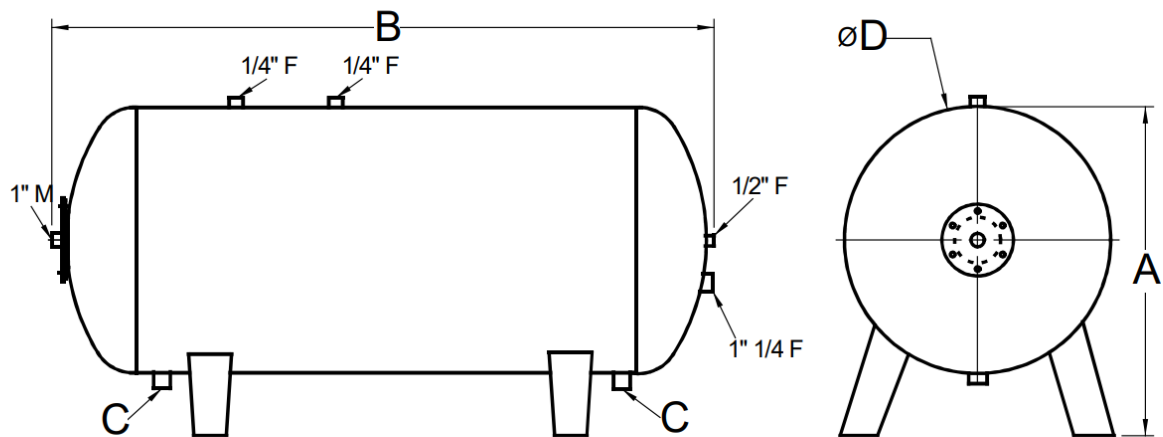
Dimensional diagram and models



| Model          | Height A (mm) | Connection Height (mm) | Inlet / Outlet C | Diameter D (mm) | Maximum Pressure (Bar) | Weight (kg) |
|----------------|---------------|------------------------|------------------|-----------------|------------------------|-------------|
| <b>60 VI</b>   | 800           | 160                    | 1" M             | 400             | 8                      | 10          |
| <b>100 VI</b>  | 1215          | 160                    | 1" M             | 400             | 8                      | 15          |
| <b>150 VI</b>  | 1250          | 190                    | 1" 1/4 M         | 480             | 8                      | 18,4        |
| <b>200 VI</b>  | 1500          | 195                    | 1" 1/4 M         | 480             | 6                      | 21,8        |
| <b>300 VI</b>  | 1700          | 220                    | 1" 1/4 M         | 540             | 6                      | 31,6        |
| <b>400 VI</b>  | 1600          | 220                    | 1" 1/4 M         | 635             | 6                      | 50          |
| <b>600 VI</b>  | 2095          | 220                    | 1" 1/4 M         | 635             | 6                      | 67          |
| <b>750 VI</b>  | 1950          | 220                    | 2" M             | 790             | 6                      | 75          |
| <b>1000 VI</b> | 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) |
|---------------|------------------|------------------------|------------------|-----------------|------------------------|-------------|
| <b>100 HI</b> | 985              | 160                    | 1" M             | 400             | 8                      | 14,2        |
| <b>200 HI</b> | 1150             | 160                    | 1" 1/4 M         | 480             | 6                      | 27          |
| <b>300 HI</b> | 1300             | 190                    | 1" 1/4 M         | 540             | 6                      | 33          |