



# Types of Pressure Vessels | Promec Engineering

There are many different types of [pressure vessels](#) available for use in a variety of applications. In order to use a **pressure vessel**, one must first determine what type is needed in order to accomplish its intended purpose. For example, one might need a pressure vessel for a tankless water heater, which would require a very different type than one needed for a water purification system. The use of a **pressure vessel** will determine how much pressure and how much volume can be contained in the vessel and it should also be chosen based on the size of the job. Additionally, one should consider how much money one wants to spend on the vessel as the cost of each vessel varies greatly.



There are some **types of pressure vessels** that will only work for certain applications and these are known as the "high pressure" vessels. One of these vessels is the vacuum vessel. This type of vessel is used to hold large amounts of fluid that is typically high in volume, such as in the case of an oil change. Another example of a high-pressure vessel might be used in a water treatment plant. The "low pressure" vessels are less common than the high-pressure ones, and there are many different types of vessels that can be used for low-pressure purposes. The most common low-pressure vessels are used to hold liquids and gases at low pressure. Examples of low-pressure vessels include the "pump", "pressure vessel" and the "low-pressure cylinder".

Although the types of **pressure vessels** that are used will vary by application, the basic function that all vessels must have in order to be effective remains the same - to maintain the proper pressure of a fluid. Without the proper pressure, the use of the vessel in a certain situation could result in very dangerous and/or expensive issues. If you are interested in learning more about the different types of vessels that can be used for different jobs, it may be worthwhile to consult with a professional in the field in order to find out the specifics of the vessel you need in order to fulfill your needs.

View more here: <http://promec.com.au/service/pressure-vessels/>