

POST 1st January 2021 GB

Air Receiver Selection and Conformity



Purchasing an air receiver

Air receivers are a type of pressure vessel. Since 2021 all air receivers used in GB must comply with UK Law regardless of their origin.

The risk of buying a receiver which does not comply is insurers refusing to insure your pressure plant. Remember, the main hazard in a compressed air system is the stored energy in the air receiver.

How to check the compliance of an air receiver

To comply with UK Law, the data plate or vessel must have the UKCA mark and on the same plate, a 4 digit number.

The 4 digit number identifies the third party (Approved Body) that has given design approval and demonstrates that the air receiver is compliant with UK Law.

The compliant vessel shall also have at least the following marking:

Simple Pressure Vessels Regulation 2016

- The name or mark of the manufacturer
- The last two digits of the year in which the UKCA mark was affixed
- The type and serial or batch identification of the vessel
- The maximum working pressure (PS) in bar
- The maximum working temperature T_{max} in °C
- The minimum working temperature T_{min} in °C
- The capacity of the vessel V in L

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OR

Pressure Equipment Regulations 2016

- The name and address or other means of identification of the manufacturer
- The year of manufacture, type, series or batch identification and serial number
- Essential maximum/minimum allowable limits (pressure and temperature)

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In use requirements of an air receiver

Your responsibility as a user of the equipment encompasses the following requirements. The air receiver must be fitted with:

- Identification plate (with the information above)
- A pressure relief valve
- A pressure gauge
- Inspection openings
- Drain cock
- Supporting feet

More information

Refer to Fact Sheet 852 Air Receiver Legislation, and the BCAS Installation Guide.

You can email specific enquiries to technical@bcas.org.uk