Technical Data Sheet

Air Receiver 250L

ASME “U” Certified

Note: Read and follow the Blastline Air Receiver operations manual and provide proper training for all users of the device in order to achieve a safe and effective blasting operation.

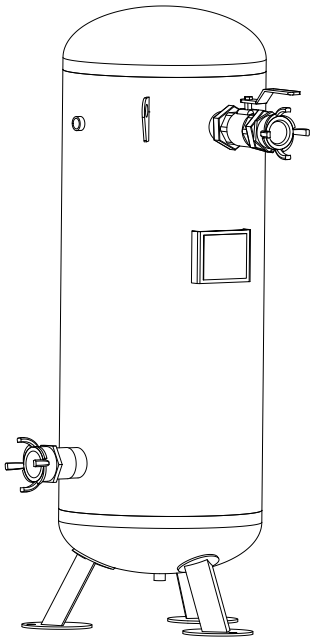

Figure 1

Description

Compressed air receiver is an essential part of every compressed air system. Blastline India’ s ASME U-certified High Volume Moisture Separator/Receiver Tank act as a buffer and a storage medium between the compressor and the consumption system. Its purpose is to reduce excessive compressor cycling, collect condensate and water in the air after the compressor, reduce dew point and temperature spikes, and eliminate pulsations from the discharge line.

Features

- Acts as a buffer and storage medium between the compressor and consumption system.
- Reduce excessive compressor cycling.
- Collect condensate and water.
- Reduce dew point and temperature spikes.
- Eliminate pulsations from discharge line.

ASME “U” Stamp

The ASME “U” Stamp certification is an indication that the pressure vessels adhere to ASME’s guideline including desing, fabrication, inspection and testing.

Application

Suitable for any application using compressed air and storage function in order to handle high air consumption. It stabilize pressure peaks and provide a stable air flow and perform a preliminary separation and removal of condensate.

Benefits

- Pressure stabilization is beneficial for pneumatic tools using compressed air.
- Storage for handling high air consumption.
- Pulsation reduction Velocity reduction Temperature reduction
- Improvement of the life, reliability and functionality of your compressor.
- Condensate separation.

Safety

Installing an air receiver allows you to avoid the following risks:

- Unstable pressure peaks
- Multiple start/stop of the compressor.
- More condensate risk.

Standards Followed:

- Fabrication Standard:ASME SEC. VIII DIV.1
- Hydrotesting pressure: 250 psi
- Approved By: AIA (Authorized Inspection Agency)

Custome made pressure vessels ranging from

- Size and Volume.
- Horizontal or Vertical design.
- High or Low pressure ratings.

Specifications

Capacity	250L
Diameter	508 mm
Height	1556 mm
Weight	131 kg
No. of Outlet (s)	3
Safe Working Pressure	1.379 MPa (200 PSI)
Hydrostatic Test Pressure	1.793 MPa (260 PSI)
Fabrication Standard	ASME SEC.VIII DIV.1