

WAC 296-24-94003 Installation and equipment requirements. (1)

Installation. Air receivers must be so installed that all drains, handholes, and manholes therein are easily accessible. Air receivers should be supported with sufficient clearance to permit a complete external inspection and to avoid corrosion of external surfaces. You must not under any circumstances bury an air receiver underground or locate it in an inaccessible place. The receiver should be located as close to the compressor or after-cooler as is possible in order to keep the discharge pipe short.

(2) **Drains and traps.** All air receivers having an internal and external operating pressure exceeding 15 psi with no limitation on size, and air receivers having an inside diameter exceeding six inches, with no limitation on pressure, if subject to corrosion, must be supplied with a drain pipe and valve at the lowest point in the vessel; or a pipe may be used extending inward from any other location to within one-quarter inch of the lowest point. Adequate automatic traps may be installed in addition to drain valves. The drain valve on the air receiver must be opened and the receiver completely drained frequently and at such intervals as to prevent the accumulation of oil and water in the receiver.

(3) **Gauges and valves.**

(a) Every air receiver must be equipped with an indicating pressure gauge (so located as to be readily visible) and with one or more spring-loaded safety valves. The total relieving capacity of such safety valves must be such as to prevent pressure in the receiver from exceeding the maximum allowable working pressure of the receiver by more than 10%.

(b) You must ensure that no valve of any type is placed between the air receiver and its safety valve or valves.

(c) Safety appliances, such as safety valves, indicating devices and controlling devices, must be constructed, located, and installed so that they cannot be readily rendered inoperative by any means, including the elements.

(d) You must test all safety valves frequently and at regular intervals to determine whether they are in good operating condition.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 15-24-100, § 296-24-94003, filed 12/1/15, effective 1/5/16. Statutory Authority: Chapter 49.17 RCW. WSR 89-11-035 (Order 89-03), § 296-24-94003, filed 5/15/89, effective 6/30/89; Order 73-5, § 296-24-94003, filed 5/9/73 and Order 73-4, § 296-24-94003, filed 5/7/73.]