



Technical Information

Installation of compressor peripherals including filters, dryers and receivers

Hook up is quite simple Receiver can be located anywhere including middle or end of pipe run. Put it where it will not get hit by a forklift or other moving object.

Dryer should be close to compressor. Filter is between Compressor and Dryer. Be sure dryer is plugged directly into wall outlet. No extension cord. use flex coupling between compressor and dryer. Solid piping from dryer to plant piping or receiver. Connection from receiver to building piping does not need flex coupling. Keep plumbing as large diameter as practical.

Gauge and PRV mount on receiver tank anywhere on side. Drain valve on bottom. set up so manual valve dumps to atmosphere in case electric valve does not work. If you never get water out of manual valve, set timer to shorter "on" time or less frequent cycle.

Dryer can be left on all day. You can install timer to shut off at night to conserve energy.
After installing receiver, compressor should be run in "auto" mode.

Use whichever openings in receiver that are convenient. The 2ea. 2" openings with plugs should not be used unless absolutely necessary. If used, they should have pipe unions between receiver and any piping. These are "theoretically" inspection ports for boiler inspector. National board plate must be viewable after installation. I usually mount PRV high on receiver using a street elbow. Be sure to install valve between receiver and any piping.

After installation, close receiver valve and see if pressure drops in shop piping. Repair any leaks, regardless of how small. Test with water/soap solution in spray bottle or put plastic garbage bag over fitting to see if it inflates.

Contact State of Hawaii Boiler inspector to inspect installation and issue permit; Keith Rudolph, NBB1143@yahoo.com . He will want info from NB plate.

The whole job is pretty basic, requiring little more than a couple of pipe wrenches and some common sense. Nothing magical or mystical. Finish with a nice coat of paint on the receiver and enjoy!