

Compressed Air system

Below is the air distribution system under normal conditions being fed from the Kaeser screw compressors. To operate the air system from the shop air compressors (should be limited to 1-2 hours in an emergency) then close both 1/4 turn valves between the last filter and the distribution piping as shown in figure 2 . Do not touch valve on line coming directly out of the tank near the top. Then open Blue handle valve shown below. Note compressor in shop will likely run continuous.



If both dryers mounted on the wall or the filters fail air can be fed directly from the tank to the distribution manifold by closing the outlet valve at the bottom of the tank and opening the outlet valve near the top of the tank as shown in fig 2. This will allow “dirty and wet” air to be distributed and thus should 1. only be used in an emergency and 2. the optic flush lines at the SDSS imager/Spectrograph and SpiCam and Dis for the 3.5m should be closed off.

