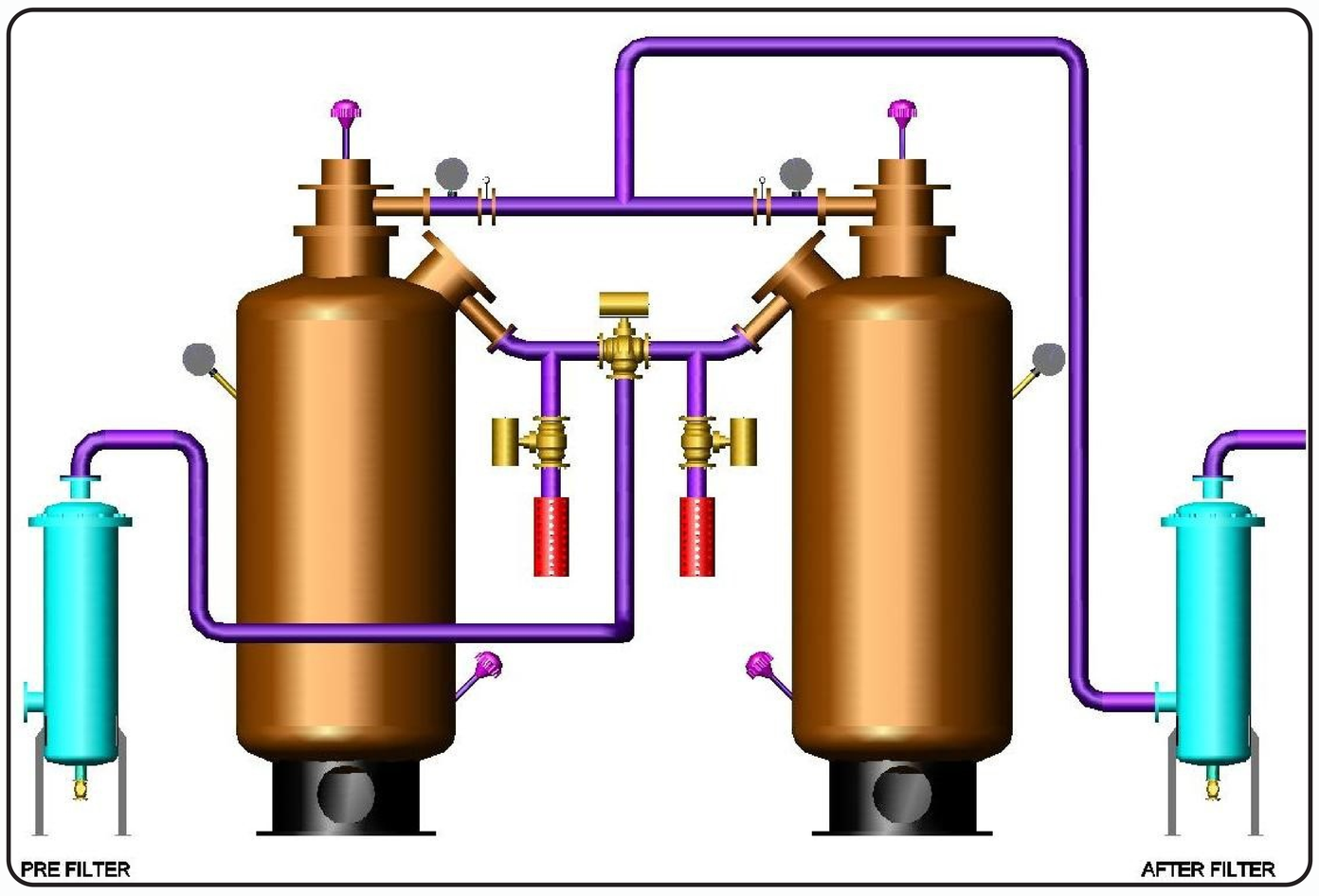
INTERNALLY / EXTERNALLY HEATED AIR DRYER

3D VIEW OF INTERNALLY/ EXTERNALLY HEATED AIR DRYER

INTERNALLY HEATED AIR DRYER

EXTERNALLY HEATED AIR DRYER



This dryer provides an efficient, economical and easy to maintain method of drying compressed air and gases. The drying medium (Silica gel or Activated Alumina) is contained in two carbon steel pressure vessels. While chamber 1 is drying, air is passed over an electrical heater embedded in chamber 2 and carries out the desorbed moisture of this chamber. This type of system utilizes about 2-3% of the gas as a purge. It is an ideal system for gases requiring ultralow drying like dew points up to (-80°C). Each column remains in line for about 6 hours. For regeneration, the desiccant is heated for about 3 hours and then cooled for another 3 hours before changeover. The operation is fully automatic.

SOME SALIENT FEATURES OF INTERNALLY/EXTERNALLY HEATED AIR DRYER

1. Advanced Version of Desiccant Dryer with saving in purge air loss
2. Dew point upto (-) 80 Deg. C (atm) can be achieved
3. Longer life of Desiccant
4. Microprocessor based controller with MIMIC display.
5. No need of cooling water