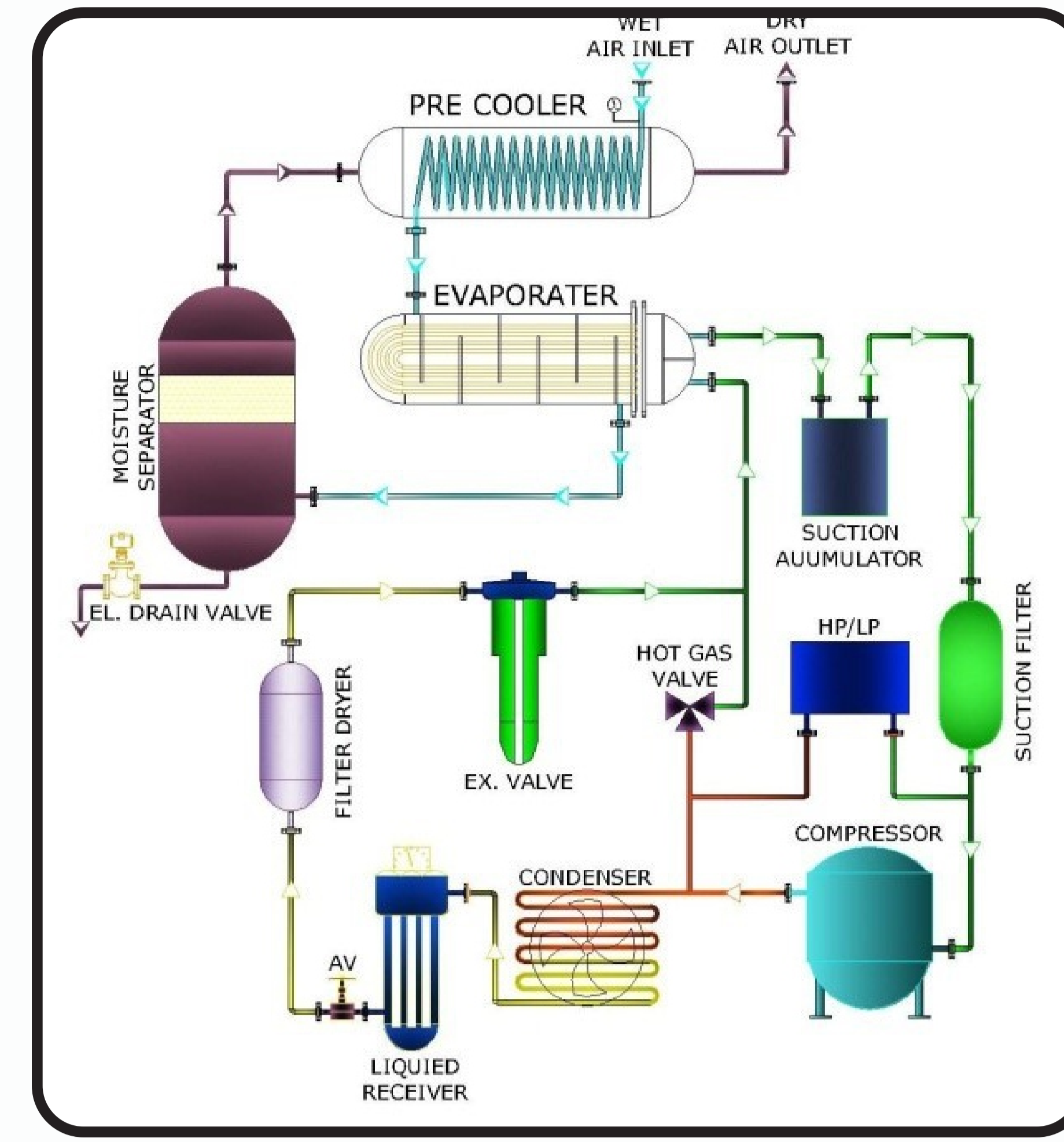


REFRIGERATED AIR DRYER

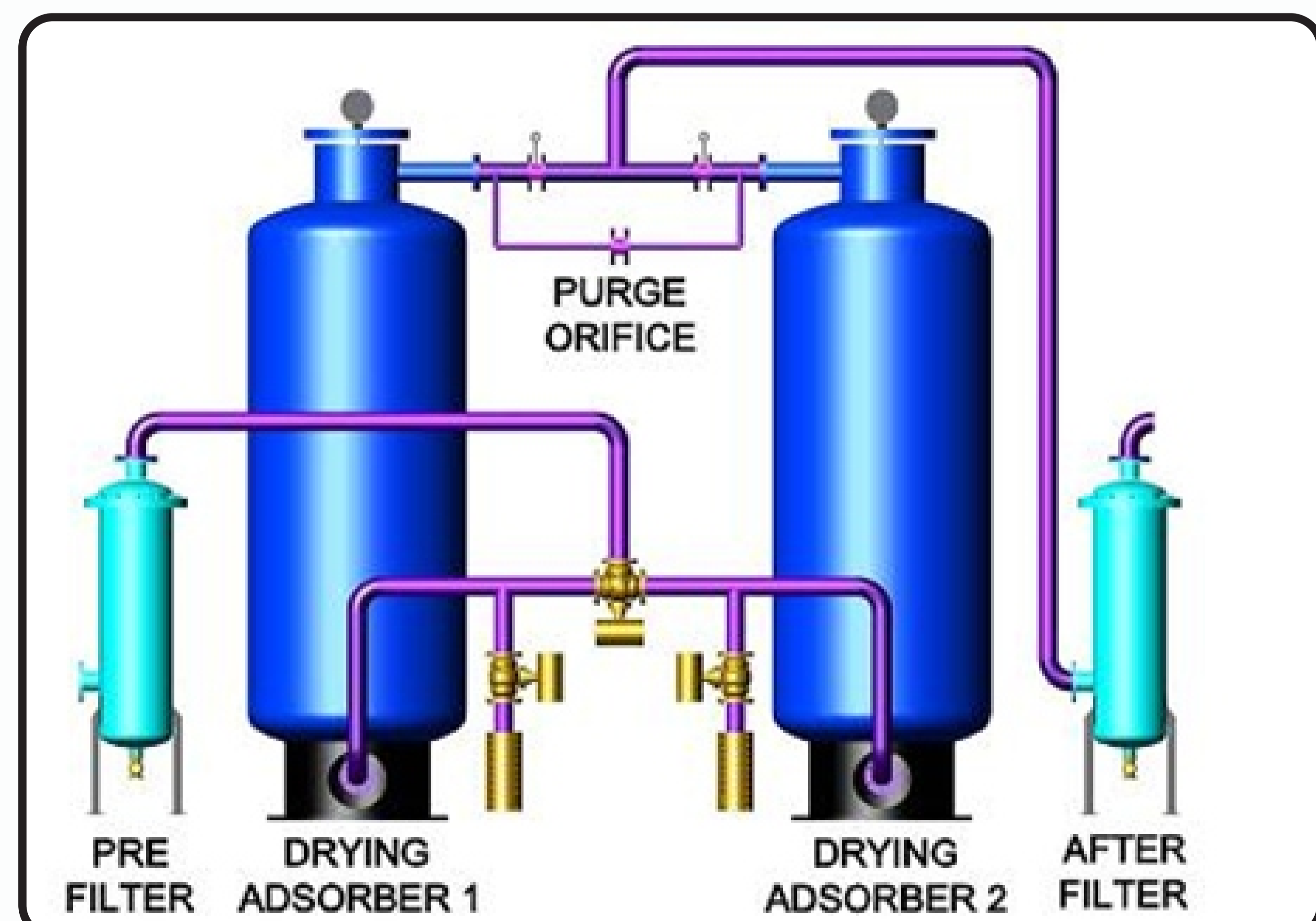


The simplest way of removing moisture from compressed air is to reduce the temperature of air and condense the moisture. In this dryer compressed air is passed through a heat interchanger where cold refrigerant at around 2°C is passed through the other side of the heat interchanger. At this temperature most of the moisture in air is condensed which is then separated and drained out in moisture separator by automatic drain. A Pre cooler is provided which interchanges heat with incoming air & outgoing air to reduce refrigeration load and thus saving energy.

SOME SALIENT FEATURES OF REFRIGERATED AIR DRYER

1. Simple Non cyclic Operation
2. Low operating cost
3. Low noise & Zero Purge lose
4. Enviroment friendly refrigerant
5. PDP (+) 3 Deg. C can be easily achieved

HEATLESS AIR DRYER



This is the simplest of all desiccant based air dryers. In this dryer two desiccant towers are used. While one tower is in drying, second tower undergoes regeneration simultaneously. Part of dry air coming out from tower in-line goes for regeneration of the second tower. Tower changeover takes place at every preset time by a sequence controller mounted in control panel.

SOME SALIENT FEATURES OF HEATLESS AIR DRYER

1. Simple Operation
2. Easy to maintain
3. Microprocessor based cotroller with purge saver
4. No need of heater & cooler
5. Low ADP of (-) 40 Deg. C can be easily achieved