SCHEMATIC DIAGRAM

Inlet
1/2" NPT

DPI

INTERNAL CONTROLLER

HS

Pressure / Flow Regulator

1um Particulate After-filter

Dew Point Display

Regenerative PSA Air Dryer

1um Coalescing Filter

5um Coalescing Filter

Outlet
1/2" NPT

Ball Valve

40.85

27.61

8.50
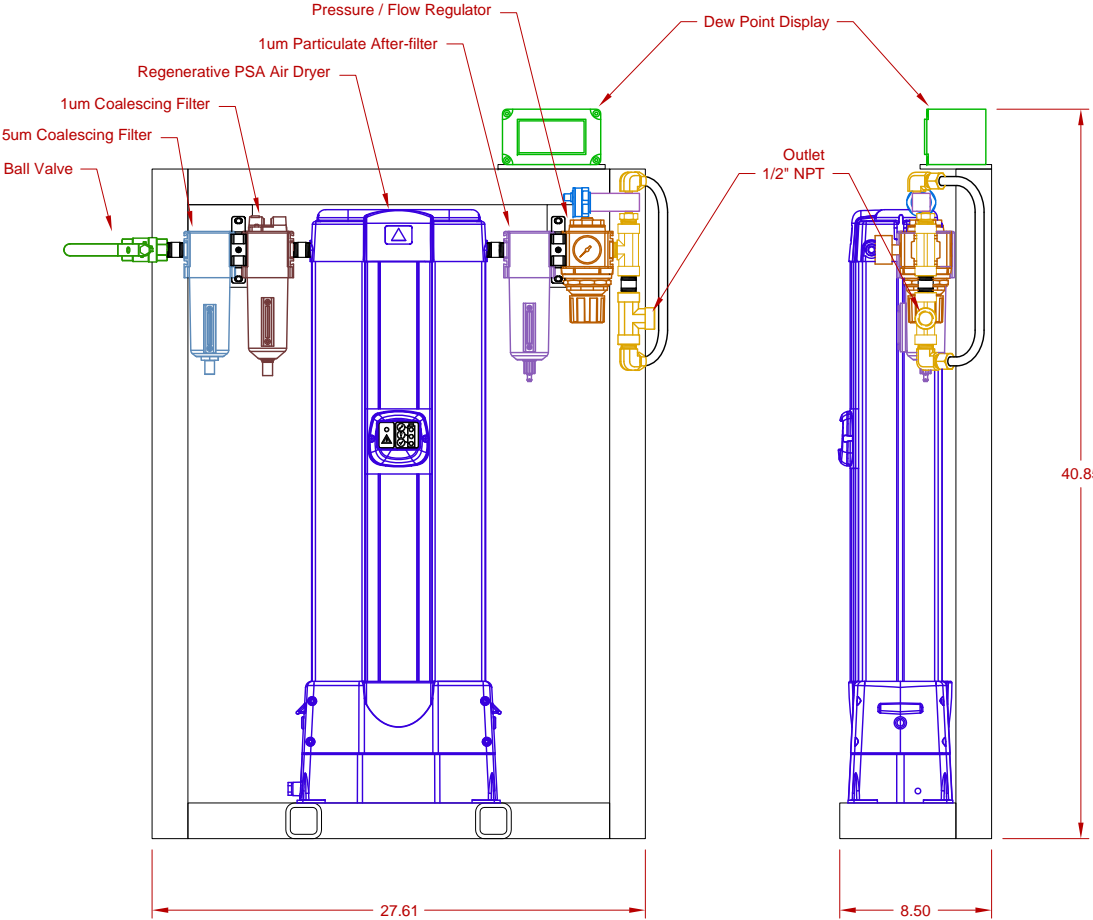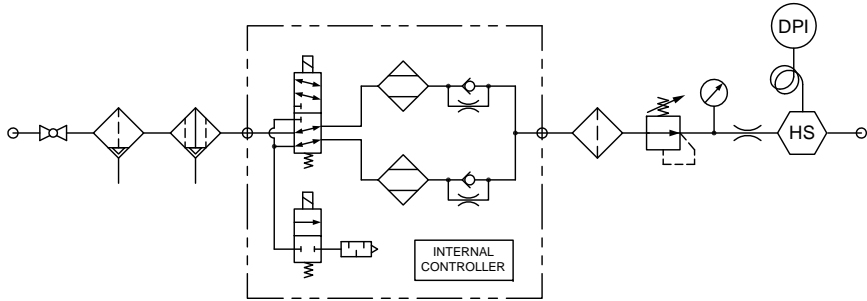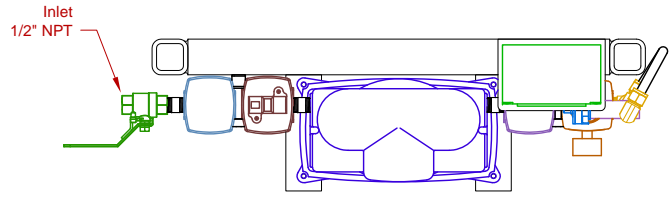
This is an ultra dry air generator. It's primary use is for a continuous dehydration system. This specific unit is designed for use on EHC system reservoirs operating with phosphate ester fluids.

This unit employs Pressure Swing Absorption technology to develop ultra dry air.

The incoming air is pre-filtered by a 5um coalescing filter followed by a 1um fine coalescing filter before entering the PSA regenerative dryer.

The air from the PSA dryer then passes through a 0.1um particulate filter then the pressure is regulated into a flow control orifice.

This unit will generate air with a pressure dew point at or below -100°F. The maximum rated flow is 13 SCFM.

This quality of air is dry enough to begin de-hydrolization of the fluid to develop and maintain an acceptable water content.

This system provides a dew point sensor with a digital display for continuous monitoring of the moisture level of the ultra dry air being delivered to the EHC system fluid reservoir.

The suggested sale price for this unit is $6450.00.