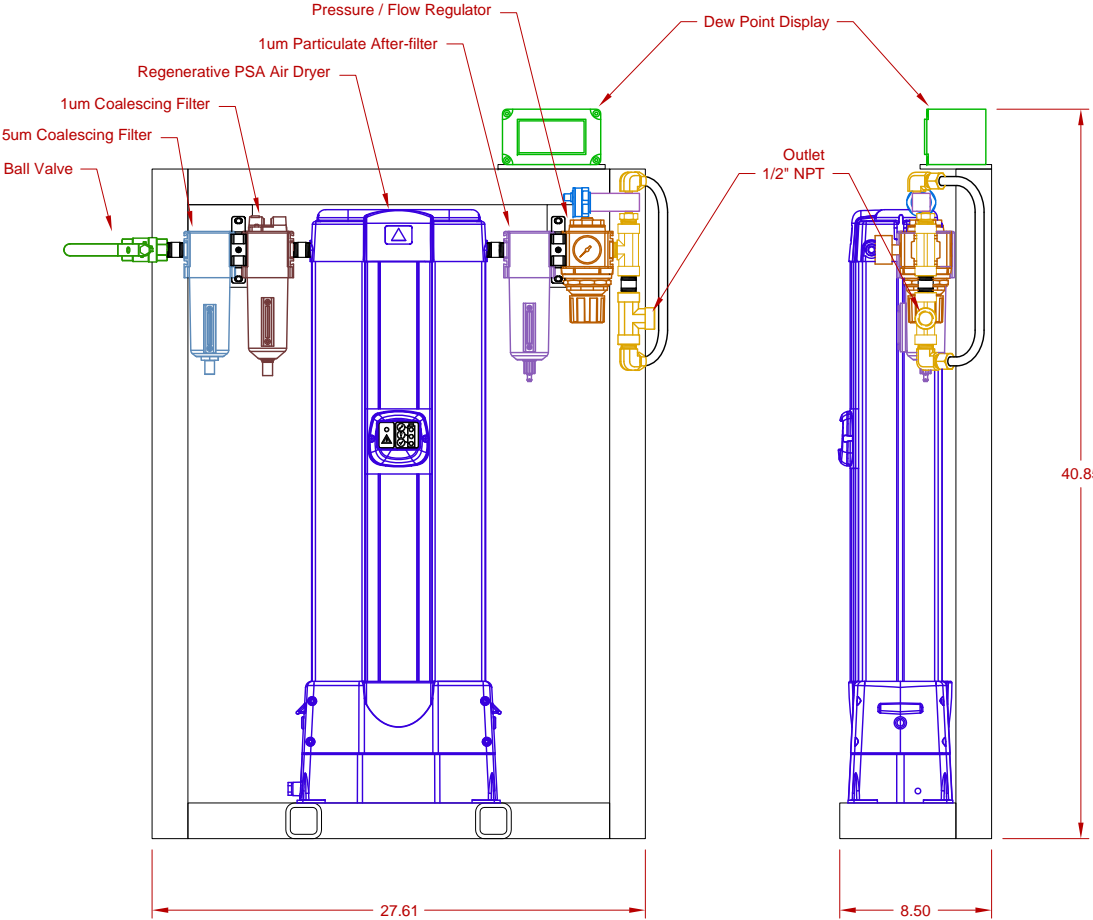
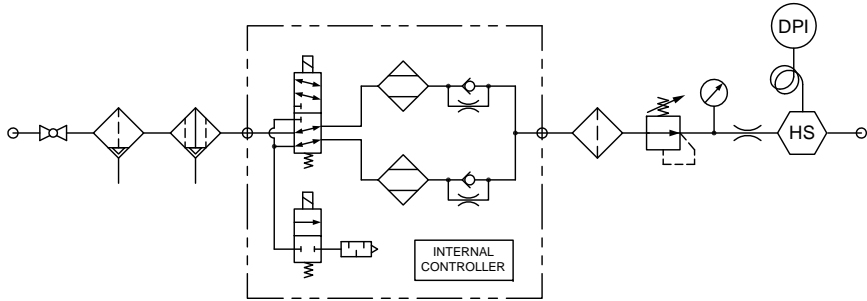
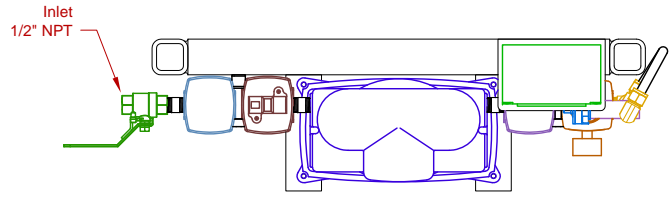


SCHEMATIC DIAGRAM



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.

THIS DRAWING IS NOT TO BE CONSIDERED COMPLETE AND ACCURATE UNLESS SIGNED BY ONE OR MORE ENGINEERS.		THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO HYDROAIR DEES. IT IS SUBMITTED IN CONFIDENCE AND IS TO BE USED SOLELY FOR THE PURPOSE FOR WHICH IT IS FURNISHED AND RETURNED UPON REQUEST. THIS DRAWING AND SUCH INFORMATION IS NOT TO BE REPRODUCED, TRANSMITTED, DISCLOSED, OR USED OTHERWISE, IN WHOLE OR IN PART, WITHOUT THE AUTHORIZATION OF HYDROAIR DEES.				HYDROAIR-DEES JOB NUMBER STOCK		DRAWING NUMBER HA63990	
ENGINEER HUGH BLACKBURN		SIGNATURE		DATE		REVISION A		NOT TO SCALE	
DRAFTER H BLACKBURN		DWG. FILE NUMBER HA63990....DWG		DATE 08/11/14		CUSTOMER ACCEPTANCE		TITLE HYDROAIR-DEES EHC SYSTEM DRYER DATA SHEET	
CHECKED BY: H BLACKBURN		SIGNATURE		DATE		1809 Fashion Court Suite 110 Joppa, MD 21085 (410) 679-1666 (410) 679-1162		SHEET 1 OF 1	
An APPLIED® fluid power company									