**(2023Apr PurgAir.docx)**

**RECOMMENDED ENGINEERING SPECIFICATION FOR PurgAir® INLINE AIR SEPARATOR**

PART 1 GENERAL

1.01 SECTION INCLUDES

1. PurgAir model inline air separator(s) available in sizes 3” through 18” nominal pipe size
   1. Model PurgAir FF has 150# plate carbon steel fixed flanges
   2. Model PurgAir GG has schedule 40 / standard weight carbon steel groove ends
   3. Model PurgAir WW has carbon steel schedule 40 / standard weight weld ends

1.02 MANUFACTURER

A. PurgAir model inline air separator shall be provided by Flex-Hose Co. or pre-approved equal.

PART 2 PRODUCTS

2.01 Furnish and install PurgAir model inline air separator

1. Select and provide the proper model based on mating piping.
2. The body shall be manufactured from carbon steel standard weight pipe.
3. Standard pressure design rating of 150 PSI
4. Flanged units are to be supplied with carbon steel plate fixed flanges ( 150# ANSI OD and drilling)
5. The centerline of the upper vent coupling and the lower drain coupling are to straddle the flange bolt holes centerlines,, to allow vertical alignment with other piping components
6. All welding to be performed in accordance with section IX of the ASME pressure vessel code.
7. Each unit to be individually leak tested at factory, prior to shipment