



Installation and Maintenance Instructions

PurgAir® Air Purger

Installation

1. Inspect the PurgAir air purger for damage and notify the freight carrier immediately if damage is found
2. Inspect the interior of the air purger for any foreign material and remove
3. Be sure all pipelines are supported so the air purger does not support the pipe load
4. The adjacent pipe supports must be able to handle the “wet weight” of the air purger and its media
5. The air purger alloy must be chemically compatible with the media in the piping system. If in doubt about suitability, refer to a Chemical Resistance Data Table or contact Flex-Hose Co. for guidance
6. Check system pressure and temperature and do not exceed recommended performance limits as indicated on the submittal and the air purger tag. Operation beyond design limits will result in premature failure
7. The air purger has a flow arrow indicating the direction of flow. Be sure to install the air purger with the arrow pointing in the direction of the system flow
8. The air purger must be installed horizontally in the system as high in the system as possible with the bell and vent port pointing up
9. Gaskets compatible with the media being conveyed (supplied by others) must be used at the flange or groove end connections
10. A suitable air vent should be installed in the top connection port of the air purger to allow venting of air collected within the “bell” of the air purger
11. A blowdown valve can be added to the bottom connection port to allow purging of any sediment from the air purger

Maintenance

1. During routine maintenance inspect the air purger for any external damage or corrosion. Check connections to verify there are no leaks and retighten as necessary
2. There are no moving parts to the PurgAir air purger so maintenance is limited to periodic cleaning and painting to prevent external corrosion