

DIAGRAM #2

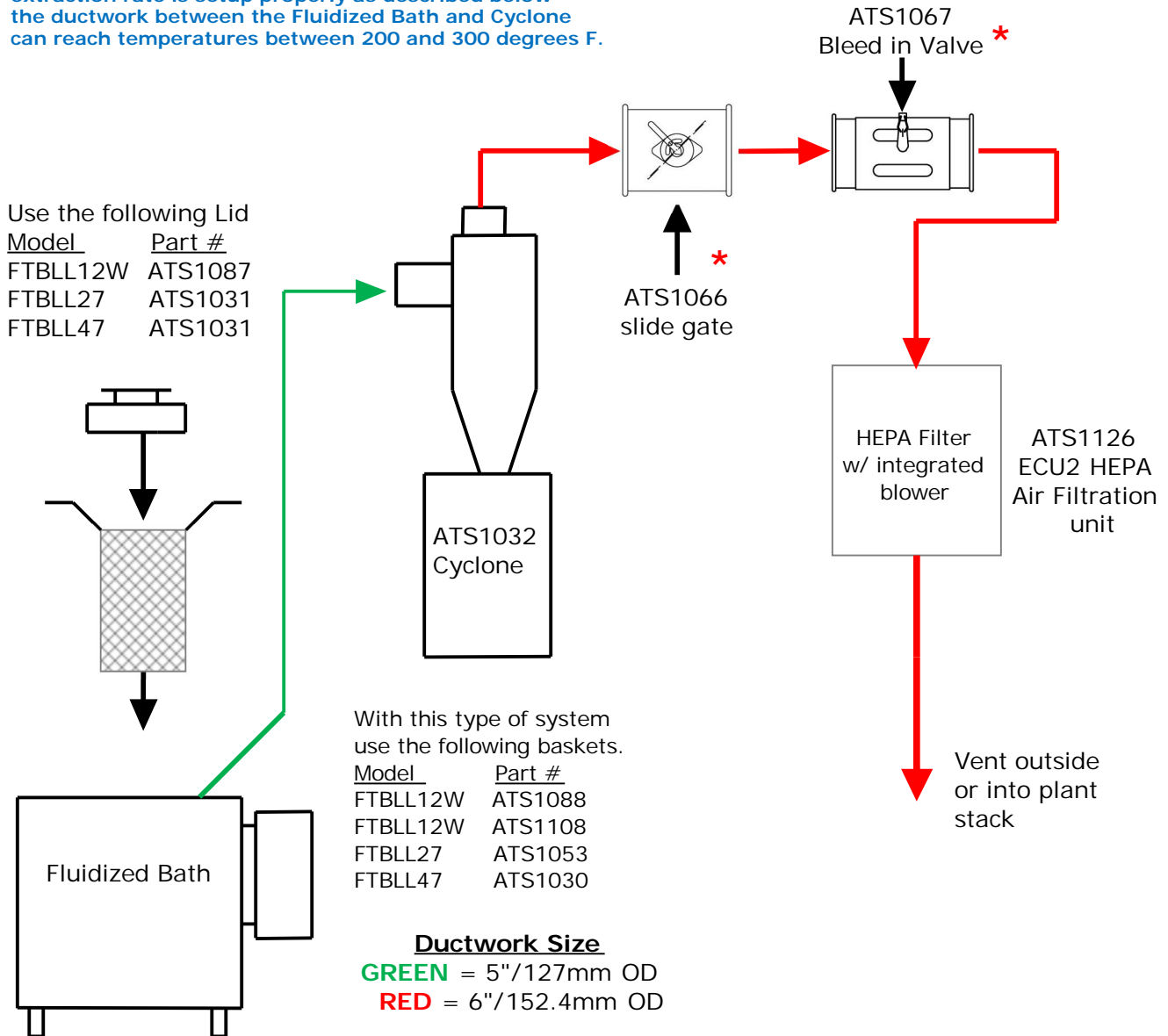
The following system will filter out fumes and smoke from the exhaust stream for venting outside or into the plant stack.

Customer is responsible for obtaining and installing all interconnecting ductwork between components. There are no exact lengths required between each component although the HEPA filter should be no more than 8 to 10 feet away from the bleed valve and Cyclone for optimum fume extraction. When the extraction rate is setup properly as described below the ductwork between the Fluidized Bath and Cyclone can reach temperatures between 200 and 300 degrees F.



4104 Sylon Blvd
Hainesport, NJ 08036
www.accuthermal.com
Ph: 609-326-3190

NOTE: Customer is responsible for investigating local environmental regulations and any air quality permits that may be required when using thermal cleaning equipment.



*

With parts in the bath and lid on, the damper/slide gate valve would be adjusted so fumes and smoke are pulled away from the bath and into the air filtration system. If the damper is open too much it creates a negative pressure in the bath working area resulting in significant heat and sand loss. The purpose of the Cyclone is to recover any sand pulled out and heavier deposits which can be sieved and reused. The bleed in valve is opened to cool down the exhaust air stream before entering the filtration unit.