

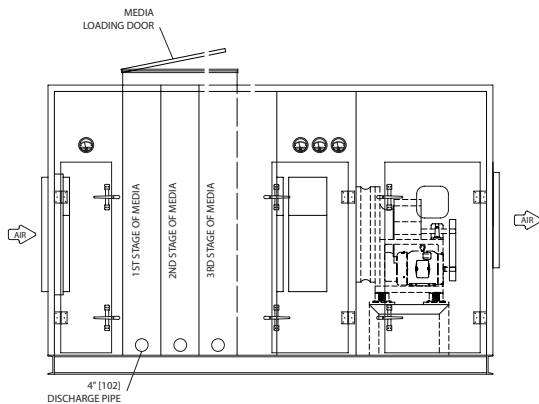


# TECH-CHEK™ SERVICE DEEP BED SAMPLING PROCEDURES

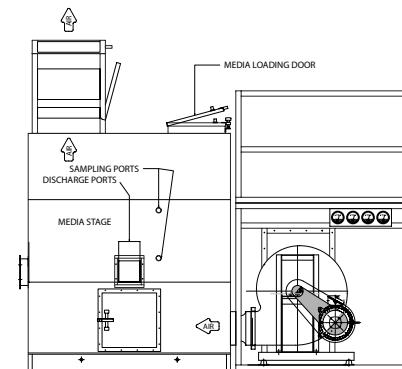
Circul-Aire's TECH-CHEK™ service, supplied at no additional charge, not only provides a precise maintenance schedule, but also ensures the highest performance of your Circul-Aire equipment. Circul-Aire's TECH-CHEK™ service is offered on an ongoing basis with samples ideally taken quarterly.

## 1 TWO TYPES OF CIRCUL-AIRE EQUIPMENT

### DEEP BED AIR SCRUBBER (DAS)



### HIGH DENSITY SCRUBBER (HDS)



**CAUTION:** Always shut down the equipment and disconnect the power before taking samples. Always wear protective eyewear and gloves when handling chemical media.

## 2 SAMPLING LOCATIONS



**DAS**

- The hatch is located on the top of the unit (Different models may have more than one hatch)
- Unscrew the lock on the hatch(es)
- Lift the hatch(es)



**HDS**

- The sampling ports are located on the side of the unit
- Unscrew the caps on the sampling ports
- Remove the caps



## 3 PRE-SAMPLING



- Complete all the necessary information on the sample bag(s)
- Referring to the nameplates and labels on the units can help in filling the appropriate information





## 4 SAMPLING



- Insert the sampling probe through the sampling port or hatch into the deep bed with the media collector in the sealed position
- Once embedded in the MULTI-MIX® media bed, twist the sampling probe to open the media collector and let it fill with the MULTI-MIX® media



- Twist the sampling probe again to reseal the media collector
- Remove the sampling probe and empty the contents into the sample bag(s) provided



- Fill the sample bag(s) to the indicated level
- Provide three samples from each media bed - from the beginning, middle and end of the media stage as per the direction of air flow



- Close the sampling ports or media loading door(s) by re-screwing the caps or resealing the hatch(es)
- Restart the unit

## 5 POST-SAMPLING



- Completely seal the sample bag(s) using staples or tape



- Ship the sample bag(s) to the address indicated below, clearly marking the package "Att: LAB"



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Circul-Aire Inc. is a subsidiary of Dectron Internationale.

**FOR LABORATORY REGISTRATION, PLEASE CONTACT YOUR  
 LOCAL REPRESENTATIVE OR**

**CIRCUL-AIRE INC.**

**1-800-800-1868**

[lab@circul-aire.com](mailto:lab@circul-aire.com)

**ISO 9001:2000 Certified**