



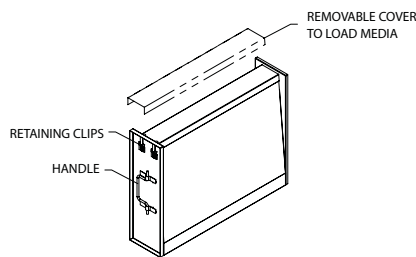
# TECH-CHEK™ SERVICE MODULE SAMPLING PROCEDURES

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.

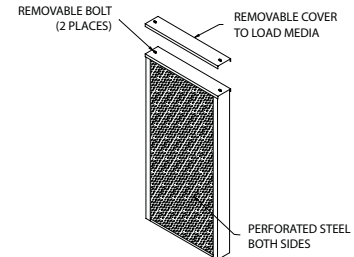
## 1 TWO TYPES OF CIRCUL-AIRE MODULES

Modules are used in the following types of units - Air Purification Systems (APS), Thermopak Energy Recovery Systems (TMP), Universal Side Access Housing Systems (USAH), Modular Units (MOD'LR), Control Cabinet Units (CCU), Refrigeration Purification & Recirculation Units (RPR).

### V-STYLE MODULES



### TRAY-STYLE MODULES



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

## 2 OPENING THE MODULES



### V-STYLE MODULES

- Open the unit and remove the module from the filter bank
- Snap open the retaining clips located on the top of the module and lift off the cover



### TRAY-STYLE MODULES

- Open the unit and remove the module from the filter bank
- The removable bolts and cover are located on top of the module
- Unscrew the bolts and lift off the cover

## 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





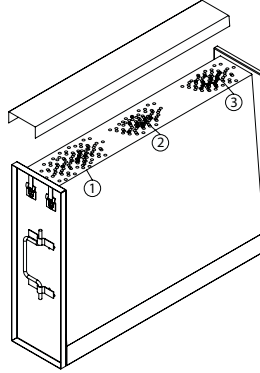
## 4 SAMPLING

A.



- Using a clean and dry instrument, remove the sample of MULTI-MIX® media from below the top surface of the media bed in the module

B.



- Take the MULTI-MIX® media sample from points 1, 2 & 3, and empty into one sample bag
- Replace the sampled media with fresh MULTI-MIX® media to top off the module, and reseal the module
- To ensure future samples do not contain any fresh MULTI-MIX® media, mark the module so future samples are taken from a different module, or from deeper down in the media bed of the same module

C.



- Fill the sample bag(s) to the indicated level
- For multiple bank units, provide one sample from each bank of modules in the direction of air flow

D.



- Return the module to the filter bank
- Close and restart the unit

## 5 POST-SAMPLING

E.



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

F.



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



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Fax: (514) 336-3023  
www.circul-aire.com

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**