

## CERTIFICATE OF TYPE TESTING IN ACCORDANCE WITH ASHRAE 110 & SEFA 1

CERTIFICATE & REPORT NO: INV/ASHRAE110/1021

DATE: 12th June 2023

**Fume Hood Manufacturer:**  
**Topair Systems INC**  
**300 First Avenue, Suite 102**  
**Needham**  
**MA 02494**  
**USA**



**Fume Hood Model-Type:**  
**FH-220-PP**  
**220cm wide bench-type**

*External Dimensions:*

Width = 2200mm

Height = 2310mm

Depth = 835mm

*Internal Dimensions:*

Width = 2000mm

Height = 1170mm (max)

Depth = 585mm (baffle-sash)

640mm (wall-sash)

**Test Opening:**

**Width: 2000mm**

**Height: 500mm**

**Fume Hood Flow:**

**Face velocity: 100fpm (0.51m/s)**

**Flow rate: 1070cfm (2010m<sup>3</sup>/hr)**

**Fume Hood Containment:**

**At all test positions: <0.010ppm**

**Test opening scans: <0.050ppm**

**Sash movement effect: <0.010ppm**

This is to certify that the fume hood described above has been type tested in accordance with ASHRAE 110-2016, as required by SEFA 1-2010, and resulted in performance characteristics given in test report INV/ASHRAE110/1016.

**Tested and Certified by: Dr A F Bicen**

A handwritten signature in blue ink that reads 'A.F. Bicen'.



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