

## CERTIFICATE OF TYPE TESTING IN ACCORDANCE WITH EN 14175, PART 3

CERTIFICATE & REPORT NO: INV/EN14175/1007

DATE: 6th June 2023

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



**Fume Hood Model:**  
**FH-120**  
**Fume Hood Type:**  
**120cm wide bench-type**

*External Dimensions:*

Height = 2310mm  
Width = 1200mm  
Depth = 835mm

*Internal Dimensions:*

Height = 1170mm  
Width = 1000mm  
Depth = 640mm (wall-sash)  
Depth = 585mm (baffle-sash)

**Test Opening:**  
**Width: 1000mm**  
**Height: 500mm**

**Fume Hood Flow:**  
**Volume flow rate: 970m<sup>3</sup>/hr (+/-3%)**  
**Face velocity: 0.50m/s (+/-5%)**

**Fume Hood Containment: Inner-plane containment:**  
C1: <0.010ppm at all locations  
**Outer-plane containment:**  
C2, C3, C4, C5: <0.010ppm  
**Robustness of containment:**  
CR: <0.010ppm (+/-30%)

This is to certify that the fume hood described above has been type tested in accordance with Part 3 of EN 14175, in compliance with the requirements of Part 2 and with reference to Part 1, and resulted in performance characteristics given in test report, INV/EN14175/1007.

**Tested and Certified by:**

**Invent UK Ltd, 85 Southdown Road,**  
**Harpenden, Herts AL5 1PR**  
**t: +44 (0) 7785 245077**  
**email: bicen@invent-uk.com**

**Dr A F Bicen**

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

