

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

CERTIFICATE & REPORT NO: INV/EN14175/1026

DATE: 12th June 2023

**Fume Hood Manufacturer:**

**Topair Systems INC**  
300 First Avenue, Suite 102  
Needham  
MA 02494  
USA



**Fume Hood Model:**

**FH-220-PP**

**Fume Hood Type:**

**220cm wide bench-type**

*External Dimensions:*

Height = 2310mm

Width = 2200mm

Depth = 835mm

*Internal Dimensions:*

Height = 1170mm

Width = 2000mm

Depth = 640mm (wall-sash)

Depth = 585mm (baffle-sash)

**Test Opening:**

**Width: 2000mm**

**Height: 500mm**

**Fume Hood Flow:**

**Volume flow rate: 1980m<sup>3</sup>/hr (+/-3%)**

**Face velocity: 0.51m/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: 0.023ppm (+/-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/EN14175/1011.

**Tested and Certified by:**

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