

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

CERTIFICATE & REPORT NO: INV/EN14175/1009

DATE: 7th June 2023

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



Fume Hood Model:
FH-180
Fume Hood Type:
180cm wide bench-type

External Dimensions:
Height = 2310mm
Width = 1800mm
Depth = 835mm
Internal Dimensions:
Height = 1170mm
Width = 1600mm
Depth = 640mm (wall-sash)
Depth = 585mm (baffle-sash)

Test Opening:
Width: 1600mm
Height: 500mm

Fume Hood Flow:
Volume flow rate: 1580m³/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: 0.013ppm (+/-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/EN14175/1009.

Tested and Certified by:
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Dr A F Bicen

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

