Polypropylene Hybrid Laminar Airflow Ductless Fume Hood

TopAir's Laminar Airflow Ductless Fume Hoods combine the functionality of ductless fume hoods and laminar clean benches.

The product is equipped with dual filtration system:
1. Supply system with a pre-filter, HEPA filter and a fan that creates laminar down-flow towards the working area.
2. Exhaust system with carbon filter and fan that collects the down-flow and creates protective inflow on the front sash opening. Both inflow and down flow pass through the carbon filter before the air is exhausted back into the lab.

Structure :
- 8 mm welded polypropylene with high chemical resistance
- Double back wall with baffle
- Built-in sealed polypropylene or optional stainless steel worktop
- Tempered glass, full-opening sliding front sash with counterweight
- Extraction collar for external exhaust

- 10.1" color touchscreen display
- VAV with air flow alarm and display
- Automatic laminar air velocity, manual adjustment for inflow includes a safety shutdown system for the down-flow when inflow system fails
- VOC sensor and alarm
- Chamber alert light (red)
- Cleanliness level: Class 100/ISO 5
- 800 lux LED lighting separated from the work area
- Includes polypropylene lower base cabinet
- **CE certified**

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Spec/ Model	CF-120-HCV	CF-150-HCV	CF-180-HCV	CF-200-HCV	CF-250-HCV
Outer Dimensions for standard model W x D x H	1200 x 950 x 2420 mm 47.3 x 37.4 x 95.2"	1500 x 950 x 2420 mm 59.0 x 37.4 x 95.2"	1800 x 950 x 2420 mm 70.9 x 37.4 x 95.2"	2000 x 950 x 2420 mm 78.7 x 37.4 x 95.2"	2500 x 950 x 2420 mm 98.4 x 37.4 x 95.2"
WE CAN CUSTOMIZE ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
PPS OPTION AVAILABLE!					
Workspace (W x D x H)	1000 x 600 x 700 mm 39.4 x 23.6 x 27.5"	1300 x 600 x 700 mm 51.2 x 23.6 x 27.5"	1600 x 600 x 700 mm 63 x 23.6 x 27.5"	1800 x 600 x 700 mm 70.8 x 23.6 x 27.5"	2300 x 600 x 700 mm 90.5 x 23.6x 27.5"
Front Sash Max. Opening Sash Working Height	600 mm / 23.6" 300 mm / 12"				
inflow	0.5±0.1 m/s, 100±20 fpm				
Done flow	0.33±0.1 m/s, 66±10 fpm				
Hood Material	8mm welded white polypropylene structure with built-in sealed polypropylene worktop				
Cleanliness Level	Class 100/IOS 5				
Work Table	Polypropylene / Stainless steel				
Control System	VAV System with 10.1" color touch screen				
Optional	Water tap/ gas tap / vacuum tap/ polypropylene sink				
Power Supply	110 / 220V, 50/60 Hz, single phase				

Optional accessories:	Models
Sinks	CF-PP-SINK
Water tap	CF-WTAP
Gas tap	CF-GTAP
Vacuum tap	FH-GTAP
Electric sockets	FH-SOCKET