Polypropylene Fume Hood - Wet Scrubber

TopAir's Polypropylene Fume Hood - Wet Scrubber features a quality scrubbing media which collects mist and chemicals and channels these down to the water tank. Its upper eliminator prevents mist from reaching the exhaust fan.

The fume hood is used to filter out acids and prevent them from being released into the environment. The scrubber is built-in as an integrated part of the hood.

The polypropylene fume hoods are made of high-quality non-corrosive polypropylene with excellent chemical resistance.

The fume hoods protect laboratory staff from noxious fumes released by acids, dangerous gases and organic solvents. The hoods are designed for work with heavy chemicals and have been independently CE certified.

Structure:
- 8 mm welded polypropylene with high chemical resistance
- Polypropylene worktop - optional materials include stainless steel, ceramic, epoxy and HPL.
- 5 mm front safety glass window with counterweight system
- Lower vented base cabinet made out of polypropylene
- Air ventilation from both the top and rear panel

Wet scrubber functionality comprises:

- Spray Nozzles
- Upper mist Eliminator
- Scrubbing Media
- Water Pump
- Water Tank
- Easy access for maintenance and repairs
- 800 LUX LED lighting separated from the work area (option for ex-proof light)
- 7" color touch screen controlling lighting and power outlets
- **Optional upgrade** to control systems:
- **AFA** system includes 7" screen with air velocity display and alarm
- **VAV** system includes 10.1" screen with automatic air velocity control (installed and include VFD), temp & humidity display
- Active system includes 10.1" with automatic sash motion and proximity sensing system dramatically reducing energy costs
- Optional accessories such as taps, sinks, sockets, scaffolding, and outdoor fan
- Option for pH meter with an automatic dosing pump system
- CE certified

PPS OPTION AVAILABLE!

Polypropylene Fume Hood - Wet Scrubber

Spec/ Model	FH-120-WS	FH-150-WS	FH-180-WS	FH-200-WS	FH-250-WS
External Dimensions W x D x H	1200x980x2370mm 47.3x38.6x93.3"	1500x980x2370mm 59x38.6x93.3"	1800x980x2370mm 70.9x38.6x93.3"	2000x980x2370mm 78.8x38.6x93.3"	2500x980x2370mm 98.4x38.6x93.3"
Exhaust Collar Dimensions	1 X 10"/250MM	1 X 10"/250MM	1 X 10"/250MM	1 X 12"/315MM	2 X 10"/250MM
WE CAN CUSTOMIZE ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Workspace (W x D x H)	1000x630x1000mm 39.4x24.8x39.4"	1300x630x1000mm 51.2x24.8x39.4"	1600x630x1000mm 63x24.8x39.4"	1800x630x1000mm 70.8x24.8x39.4"	2300x630x1000mm 90.5x24.8x39.4"
Front Sash Max Opening	720mm/28.3"	720mm/28.3"	720mm/28.3"	720mm/28.3"	720mm/28.3"
Air Velocity	0.5±0.1 m/s, 100±20 fpm				
Hood Material	Polypropylene				
Worktop Material	The standard worktop is polypropylene , other options are: HPL / Ceramic / Epoxy / Stainless steel				
Control System	The standard control system is a 7" color display with on/off controls				
Optional	Water tap / gas tap / vacuum tap/ pp sink				
Power Supply	110/220 V, 50/60 Hz. Includes a phase single-phase. A three-phase power supply can be special ordered.				
Illumination	800 lux LED lighting				

Accessories

Model	Description
FH-WS-PH	PH meter
FH-WS-PH-DZ	PH meter and dozing pump
FH-KIT	Kit for Fume Hood includes: 1 water tap, 1 gas tap, 1 cup sink and 4 power outlets
FH-GTAP	Gas tap
FH-WTAP	Water tap
FH-PP-KP4B	Polypropylene cup sink (more sizes are available see the website)
FH-SOCKET	Power outlet
FH-PHM	Option for pH meter with an automatic dosing pump system
FH-VAV	Airflow monitor with audible alarm VAV+VFD installed, including 10.1'' LCD touch screen controller
FH-FAN-750	Centrifugal fan 0.75 kW 2800 rpm / IE3 DIA 250 mm
FH-FAN-1500-300	Centrifugal fan 1.5 kW 2800 rpm / IE3 DIA 300 mm

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