TOTAL EXHAUST

AirMax[™] Fume Hood with Wet Fume Scrubber

The complete solution for scrubbing acids and other water soluble gases from fume hood exhaust

AirMax™ with wet fume scrubber is a total solution for minimizing personnel, ductwork and environmental exposure to caustic acid gases. Contaminated air passes through the scrubber's water-washed contact media before being exhausted, while water used during the scrubbing process is captured in the holding tank and recirculated. An optional pH dosing system can be utilized to neutralize acids captured during the scrubbing process.



AC6030TE AirMax™ Fume Hood with wet fume scrubber

Wet Scrubber Features:

- Thermoplastic construction is resistant to gases begin scrubbed
- Direct-mount to fume hood exhaust
 eliminates contaminated ductwork
 between the fume hood and scrubber
- Observation window for media inspection
- Scrubber holding tank with recirculating pump (located inside base cabinet)

Typical Applications:

Scrubbers are used with extraction systems where soluble substances are being evaporated at accelerated rates.

Examples include:

- Trace metal analysis
- Hot acid etching
- Acid digestions for metal analysis
- Precious metal purification
- Fat testing in food industry

Options:

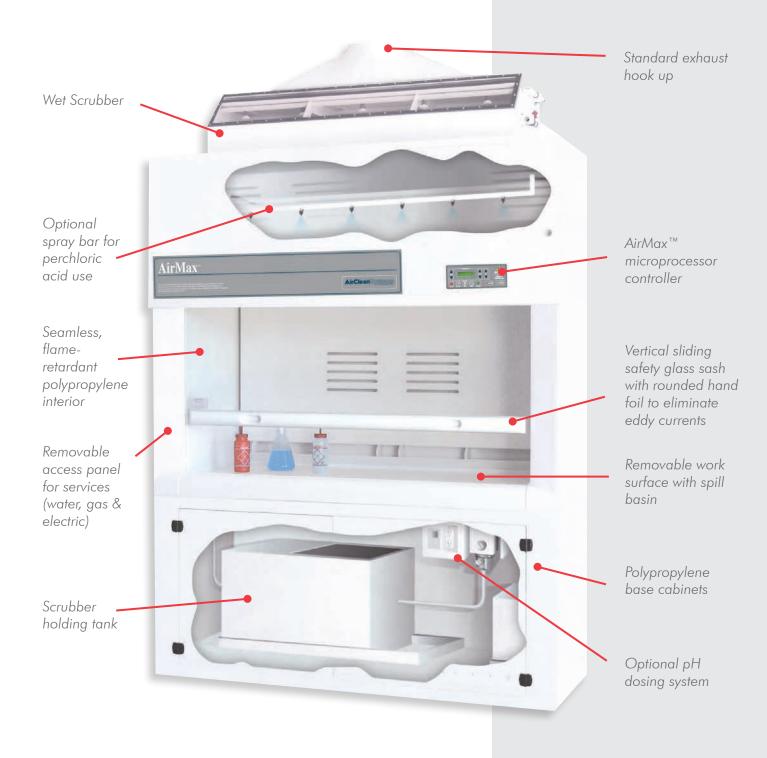
- Auto dosing system
- Spray bar for perchloric acid use
- Service fixtures and sinks
- Polycarbonate sash
- PVC base material
- Polypropylene blowers





Partial list of chemicals that AirClean® Systems scrubbers are appropriate for:			
HCI	Hydrochloric Acid (Hydrogen chloride)	NaOCI	Sodium Hypochlorite
H ₂ SO ₄	Sulfuric Acid	H ₂ O ₂	Hydrogen Peroxide
HF	Hydrofluoric Acid (Hydrogen fluoride)	C ₂ H ₄ O ₂	Acetic Acid
HCIO ₄	Perchloric Acid	NH ₃	Ammonia
NaOH	Sodium Hydroxide	H ₃ PO ₄	ortho-Phosphoric Acid
KCI	Potassium Chloride	H ₃ BO ₃	ortho-Boric Acid
NaCl	Sodium Chloride	HNO ₃	Nitric Acid
Contact AirClaga® Systems for additional chemicals not listed			

AirMax[™] Wet Scrubber Features



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