

Tri-Mer's Cloud Chamber Scrubber® Takes the Industry By Storm!

"Best Available Technology" for Control of Submicron Particulate



28,000 CFM CCS unit

	CCS®	Wet Packed Bed	Venturi	Bag House	Wet ESP
Meets PM 2.5	●				
Captures <3.0 micron @ +98%	●		●	●	●
Captures <1.0 micron @ +98%	●			●	
Captures Fumes/Gases (HCl, Cl ₂ , HF etc.)	●	●			
PCM Field Array Power Requirement less than 600 watts, regardless of cfm	●				
Pressure Drop <1.0" H ₂ O per stage	●				

 **Tri-Mer**[®]
CORPORATION

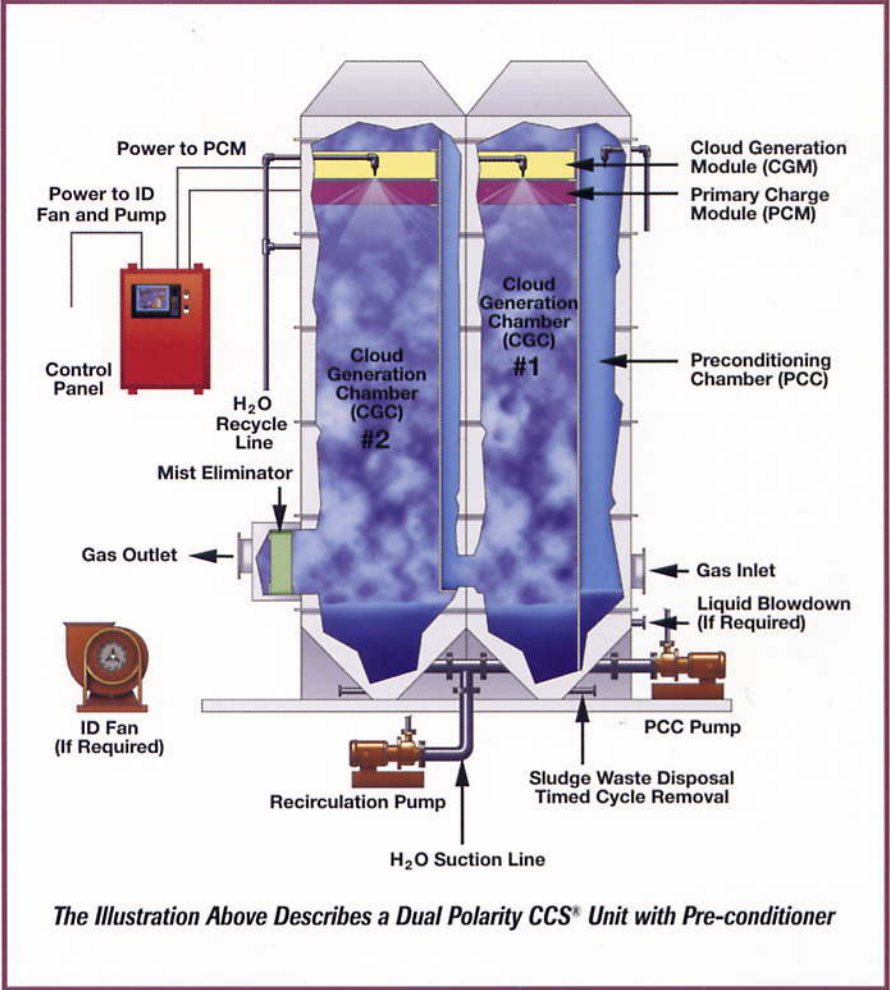
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Efficiencies and Applications of the Tri-Mer CCS[®]

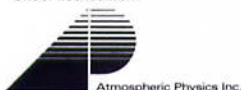
1. The CCS has been shown to be 99%+ efficient for the collection of all types of particulate from 0.1 to 300+ microns. Systems are manufactured to customers' specifications in UV-stabilized polypropylene, FRP, PVC, 304 and 316 stainless steel, and higher alloys.
2. CCS removes fumes and gases, including HCl, HF, HNO₃, H₂SO₄, SO₂, Cl₂, NH₃ and others simultaneously with particulate. This is important because now one device can handle submicron particulate and hazardous fumes simultaneously. In practical terms, this gives management the ability to eliminate the maintenance costs and labor associated with packed towers.
3. Applications include fiber optic manufacturing, chemically-generated particulate, thermal oxidizers, incinerators, powder oversprays, semiconductor manufacturing, pulp/papermaking, fertilizer manufacturing, sulfuric acid processing, nitric acid plants, petrochemical refining, calcinators, copper, lead, magnesium and zinc smelters, aluminum refining operations, dryers and rotary kilns, and glass furnaces.



Protected Under US Patents #5,147,423; #5,941,465; #6,156,098.

Additional patents pending. Foreign patents pending

Under license from



**OPERATIONAL TEST
DATA AVAILABLE**



6,000 CFM CCS unit



22,000 CFM CCS unit

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