



HYDROSIL HS-600

**Air filtration of VOCs, acid gases,
airborne pollutants and odours**

www.filtercorp.co.nz

Filtration at its Finest

Dust Management

Ventilation Systems

Flexible Connectors

Liquid Filtration

Fans

Specification Sheet

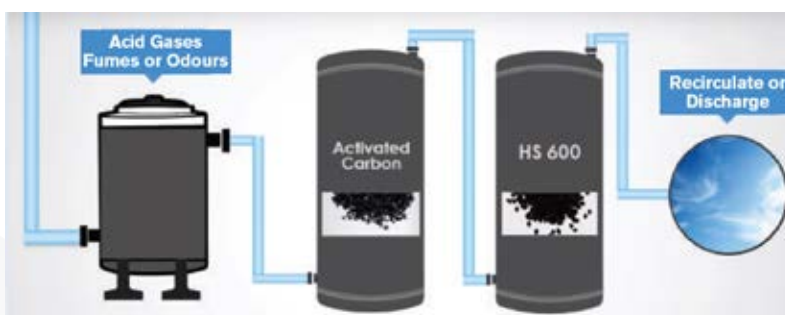
Efficient, Cost Effective Air Filtration of Acid Gases, Airborne Pollutants & Odours.

Hydrosil's HS-600 is a highly efficient and cost effective media for eliminating corrosive gas and airborne pollutants. Once placed in air dryers, scrubber tanks, air/exhaust systems or computer labs, HS-600 will oxidize acid gases or airborne pollutants in its vicinity which protects and extends the lifespan of capital equipment and organic produce.

Gas pollution is an invisible threat that causes millions of dollars of damages every year. If you want to avoid the cost of replacing corroded computers/servers, and downtime due to malfunctioning equipment or accelerated decay of organic products, it's vital to ensure corrosive gases are oxidized and made harmless.

More active ingredients and longer lifespan.

HS-600 comprises of a unique molecular sieve impregnated with 6% permanganate and 80% more active ingredients than other air filtration media. This proprietary technology enables HS-600 to consistently oxidize a wide variety of corrosive gases, including, vinyl chloride, hydrogen sulfide, sulfur dioxide, formaldehyde, ethylene and various other aldehydes and alcohols. HS-600 produces substantially less dust and has a much longer lifespan than competitive media, offering long-term cost savings in the effective elimination of corrosive gas.



HYDROSIL
INTERNATIONAL LTD.

HS-600 Benefits

- Oxidizes acid gases, fumes and odours.
- More permanganate
- Increased lifespan of computers/servers and other electrical equipment.
- Reduced equipment replacement costs.
- Reduces rotting of organic produce.
- Better air quality with less odour.
- Longer service life of 50-100% that of activated alumina.
- Substantially less dust than alumina air filter media
- Lower cost contaminant removal per PPM
- Non-flammable and safe
- 80% more active ingredient

HS Series Works Where You Do

HS-600 Applications

- Pulp and paper mills
- Refineries/chemical plants
- Waste water treatment
- Odour control
- Fresh fruit, vegetable and flower storage
- Steel and metal producers
- Ground water remediation
- Airports, museums and other public buildings

HS-600 is the most effective solution for odour corrosion control available. For a wide variety of air pollutants removal, choose XB-17, a unique blend of HS-600 & HS-AC, high quality virgin activated carbons.

For Other Types of Airborne Pollutants We Can Provide These Solutions:

- **XB-17** - A unique 50/50 blend of HS-600 and activated carbons, offering enhanced reactive chemistry for adsorbing acid gases, VOCs and odors.
- **HS-CL** - Removes chlorine or chloride dioxide generated by bleach plants in pulp and paper facilities and waste-water treatment plants.
- **HS-100-PO** - Phosphoric acid impregnated molecular sieve media.
- **HS-AC** - Granulated coconut shell or pellet coal based activated carbon for organic compounds. Can be enhanced with different chemicals such as potassium hydroxide or phosphoric acid.

Gas Phase Filtration Media for Removal of a Wider Variety of Air Pollutants

- HS-600 Permanganate
- Activated Carbon
- Specialty & Impregnated Carbon
- Chlorine & Ammonia Removal

Panels, Trays, Modules, Cells, Honeycombs & Scrubbers

- Hydrosil has a complete line of replacement and original equipment panels, trays, modules, cells, honeycombs and scrubbers.
- Also available in CRS, plastic and stainless steel.



Regional Sales Team



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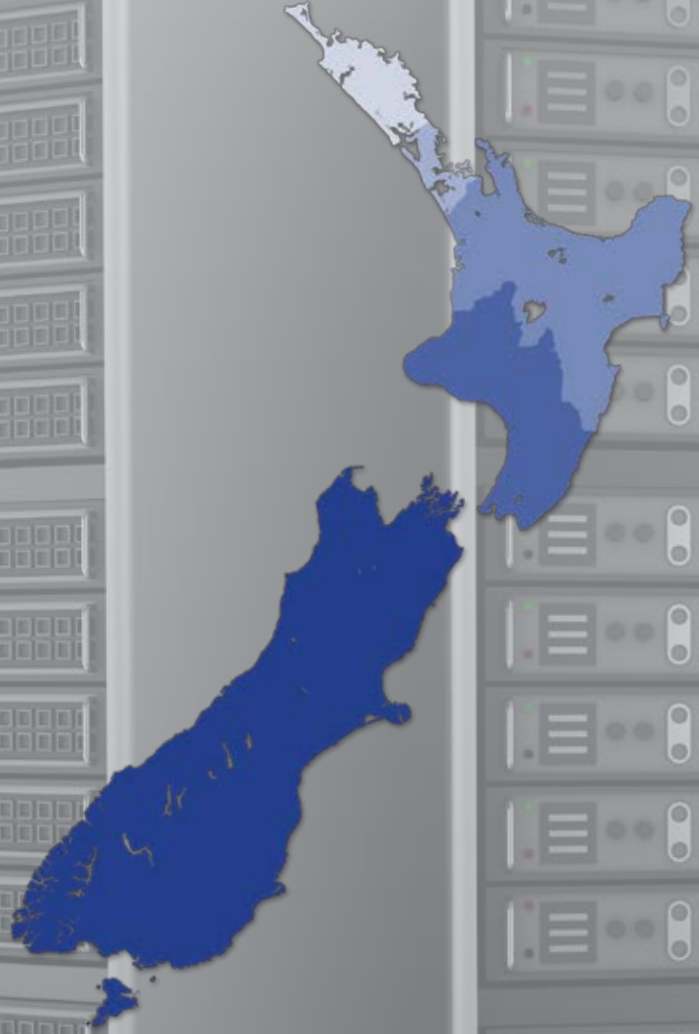


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