

Other products & Services



Air Filters



Cooling Towers



Industrial Fans



Air filtration

- Activated Carbon
- Air Conditioning Filters
- Bag Filters
- Clean Rooms
- Gas Filtration
- HEPA Filters,
- Intake Filters

Air movement

- Blowers & Gas Boosters
- Dampers & Flow Control
- Fibreglass Fans
- Industrial Fans
- Process Fans
- Side Channel Blowers

Environmental control

- Bag Filters
- Cartridge Filters
- Cooling Towers
- Cyclones
- De-Humidifiers
- Dust Collectors
- Evaporative Cooling Systems
- Fluid Strainers
- Heat Exchangers
- Heat Recovery Systems
- Odour Control
- Scrubbers

Measurement & instrumentation

- Flow & Pressure Instruments
- Hand held pressure measurement

Instruments

- IR Temperature Instruments

Design & consulting services

- Specifically in relation to our expertise in air movement, filtration, humidity control, dust collection

Please contact our Auckland sales office for these products:

Unit 1 / 23 Druces Road, Wiri, Auckland

Ph: +64 9 262 4474

auckland.sales@windsor.co.nz

Industrial Air Filtration



Dust & Particles

We provide a full range of industrial filters for almost every application.

From flat panel filters through to pocket filters and Dust Socks we have a product suitable for all your filter needs.

Compact pocket filters - A premium range of pocket filters that substantially reduce labour & maintenance costs, with an added advantage in considerable power savings kW/hrs due to reduced fan power required to maintain airflows.

Rigid Filters - provide space saving for places where filter-bank area is restricted, benefits being high efficiency & high dust loading capacity making rigid filters one of the best options.

Panel filters - from flat panel filters to pleated panel filters and grease filters. Filters from G3 - F8 are available in standard 1/1 size ex stock.



HEPA & Special Filters for Hospitals & Cleanrooms

There are many requirements for "CLEAN" air and hospitals in particular face the problem of providing good filtration to meet their standards.

HEPA filtration systems assist hospital operating theatres in ensuring their air filtration provides smooth high quality air flow over the operating table, helping to eliminate upward air movement and to mitigate the potential for contamination of the critical operating zone.

A Windsor HEPA air system ensures clean air for whatever purpose you require it for.



Our HEPA systems are backed up by performance, in-depth training and after sales technical support which will provide maintenance servicing for your equipment.

Not all situations and requirements are the same, we offer solutions to suit your needs and budget.

Industrial Air Filtration



Gas Phase Filtration

A Purafil dry-chemical EGS system can be designed to contain the entire contents of a fully loaded 1-ton chlorine cylinder in a worst case release scenario. Instead of using toxic, liquid caustic to neutralize gases the EGS uses non-toxic, dry scrubbing medium.

This medium's chemisorptive process removes chlorine by means of absorption and chemical reaction. Chlorine gas is trapped within the medium pellet where an irreversible chemical reaction changes the chlorine gas into a harmless solid.

The dry-scrubbing medium within the unit is non toxic, non-hazardous, maintenance free and most importantly, it can effectively help to save the priceless elements of a community.



Air Pollution Control

We have over 80 years of combined experience in pollution control solutions.

Various in-house technologies which can be applied include solutions for pulsejet filters, pneumatic transfer systems and noise control / attenuation.

Solutions include:

- Pulsejet filtration
- Panel & pocket filters
- High efficiency particulate air
- Gas phase filtration
- Wet Scrubbers
- Wet & Dry Electrostatic Precipitators
- De-sulphurisation
- Catalytic Gas Treatment
- VOC reduction
- Donaldson Filters (exclusive NZ representative)
- A C Systems - optimised Cyclones



Industrial Air Filtration



Servicing of Air Filters & Air Pollution Equipment

Bag house filters are designed to provide long operating life with minimal servicing. The filter socks should be cleaned at regular intervals. Fans, screws, pulse jet equipment and rotary valves should be serviced annually.

The life expectancy of filter socks varies.

Normally the first set will operate satisfactorily for at least 12 months before laundering or replacement is required.

Laundering and/or sock replacement is necessary when an increase in pressure drop is detected on the manometer gauge fitted to the outside of the filter unit, or if dust emissions from the filter are noticed.

We can offer servicing and spares for all brands of air pollution control equipment.

We are also able to offer a regular inspection and maintenance agreement specifically tailored to suit your requirements providing you with continued plant efficiency.

We offer a considerable depth of specialist engineering experience including

- Qualified technicians
- Vibration analysers
- Full airflow and pressure testing equipment
- Industrial filter servicing including sock laundering
- Industrial blower servicing and repairs
- Bearing changes for fans and electric motors
- Laser alignment equipment
- Air filtration site services

We offer on site preventative maintenance for air intakes. On-line reporting and periodic inspections are part of this service.

Acting preventively, rather than reactively, maintenance costs remain low.

Our highly experienced staff evaluates and solves problems fast, ensuring minimum downtime.

