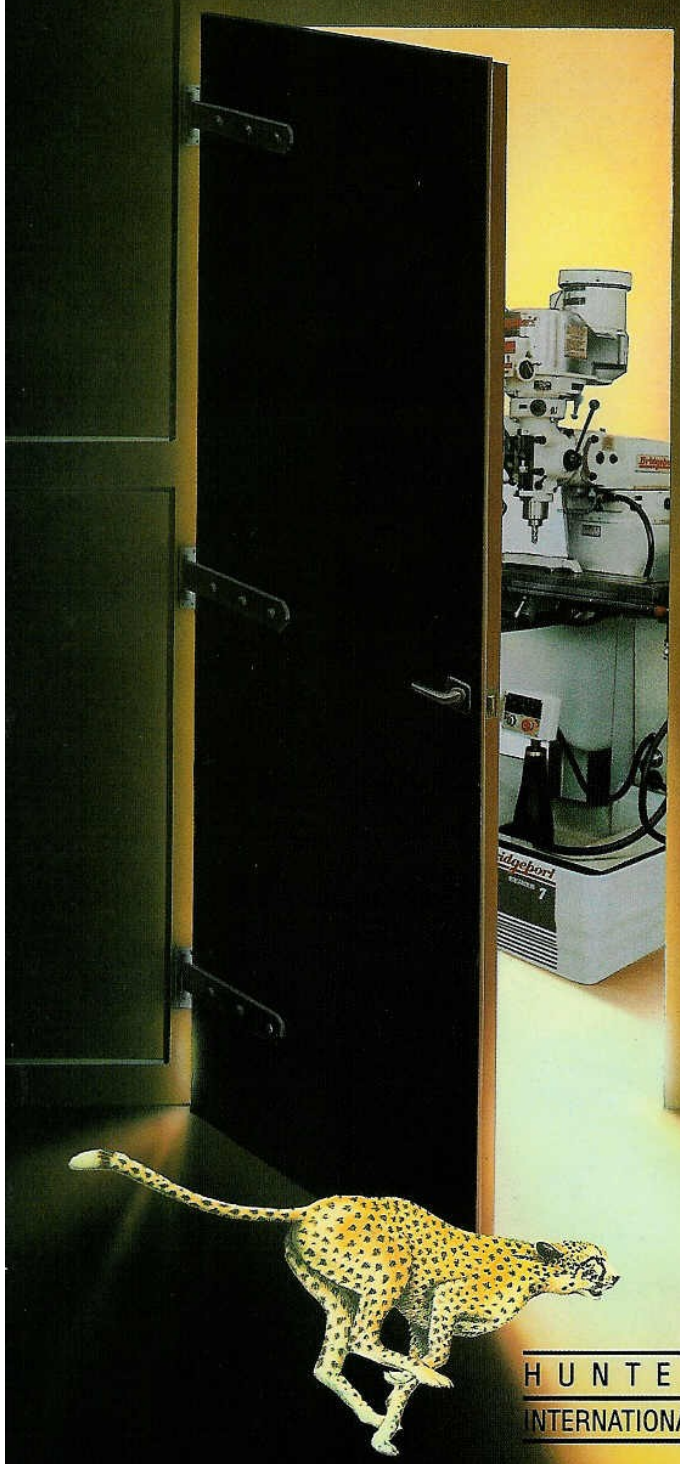
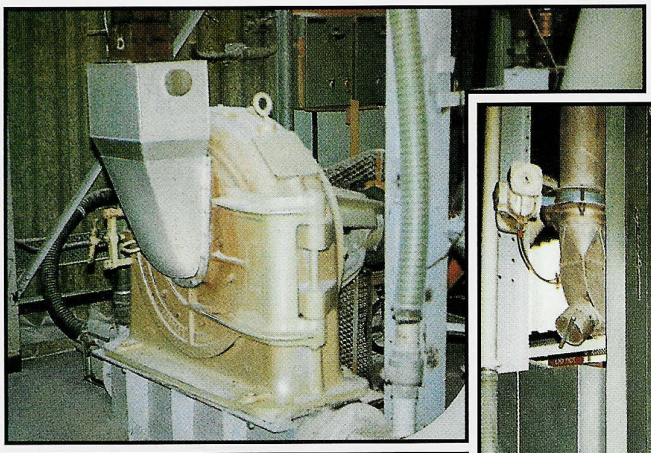
SOUND RESISTANT ENCLOSURES



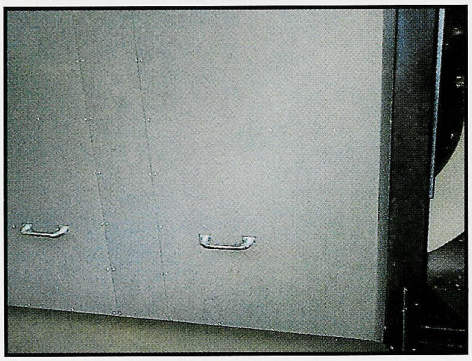
SARGENTS

HUNTER
INTERNATIONAL

THE APPLICATIONS



Sound Reduction to Pneumatic Conveying Plant.



The company specialises in unique solutions to 'one-off' or unusual problems and has qualified engineering and technical staff, together with the engineering capabilities, to overcome even the most complex noise problems.

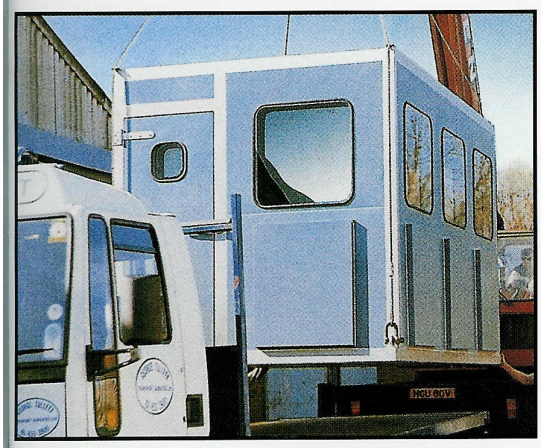
Where noise reduction is required for plant that is sited externally, effective screening can be achieved using modules which combine the functions of louvers and attenuators in one compact unit.

INSTALLATION SERVICE

A comprehensive installation service is available using our own experienced erection staff. Alternatively, customers may prefer to have their enclosures delivered in knock-down format for erection by their own staff.

QUALITY

Sargents places high emphasis on quality in all aspects of its business. All equipment is produced to exacting standards at the Group's fully equipped facility at Aylesford, Kent, under strict quality control systems which conform to BS 5750 Part 1,1987.



Portable Sound Haven.

Site Installation of Refrigeration Plant Enclosure.

Recognising the importance of accurate and verifiable performance data, Sargents ensures that all products are tested in accordance with a relevant British Standard or Trade Association Standard. Conformance certification is also available. All performance data contained in this brochure is backed by full performance tests carried out in the Company's own R & D Department.

TECHNICAL SUPPORT

Sargents offers customers and specifiers of acoustical equipment comprehensive technical support service. Experienced engineering teams can undertake project management, negotiations with local Planning Authorities and Environmental Health Departments and provide measurement and analysis at all stages including final verification. The Company's support services include measurement of the finished installation and provide 'before' and 'after' comparisons.

THE COMPANY

Sargents Acoustics, a member of the Hunter International Group, has been operating in the specialist fields of noise and vibration control since 1945.

The Company specialises only in these areas and offers equipment that is original in both concept and design. It does not manufacture under license to foreign designs.

DESIGN SERVICE

Sargents offer a design service to ensure that equipment of the most suitable type and construction is selected to meet the customer's specific requirements.
A range of individual datasheets is available for reference.

Computer aided design.

SARGENTS IS A
BS 5750 Part 1 1987
REGISTERED COMPANY

SARGENTS ACOUSTICS
111 MILLS ROAD
QUARRY WOOD INDUSTRIAL ESTATE
AYLESFORD, MAIDSTONE KENT ME20 7NB.
TEL: 0622 791107 FAX: 0622 791095

CONTROLLING NOISE IN INDUSTRY

INTRODUCTION

Acoustical control is an important factor in most environments and the Noise at Work Regulations 1989 now impose a duty of assessment and action on all employers that covers both new and existing premises.

With the greater awareness of the adverse effects of noise on staff efficiency and health a technology has been created over the years which enables the architect or engineer to reduce substantially, if not eliminate, many of the environmental problems hitherto caused by noise and vibration.

Sargents Acoustics has long been a leader in development of these technologies and today enjoys an established reputation for the design and manufacture of equipment to control noise and vibration. The Company currently offers an extensive range of acoustical equipment suitable for use in all applications.

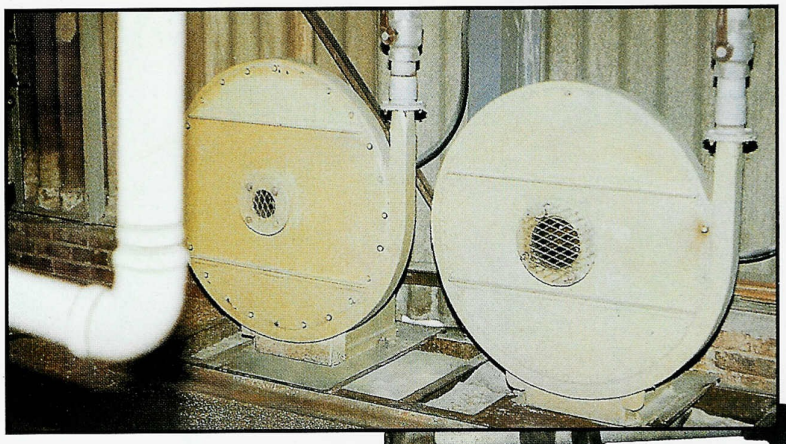
In addition to sound resistant doors, panels and enclosures the product portfolio includes noise attenuators and vibration isolators; isolated floors and ceilings and attenuating louvres.

THE PROBLEM

High levels of noise and vibration can reduce worker efficiency or even cause hearing loss as well as precipitate complaints from neighbours. Effective control of noise in the workplace is thus of paramount importance and acoustical insulation of equipment, which can be the source of such nuisance, can dramatically improve the working environment. The Noise at Work Regulations 1989 now impose a duty of assessment and action on the employer.

THE SOLUTION

Sargents has designed a range of sound resistant enclosures and screens which can be erected around any noisy item of plant or machinery to restrict noise emissions to an acceptable level. These acoustic elements are fabricated using a range of standard modular panels which enable housings of any size and shape to be constructed cost effectively. Equipment can be supplied to suit hospitals, schools and laboratories and to the special needs of the offshore and nuclear industries.



High Pressure Process Fans.

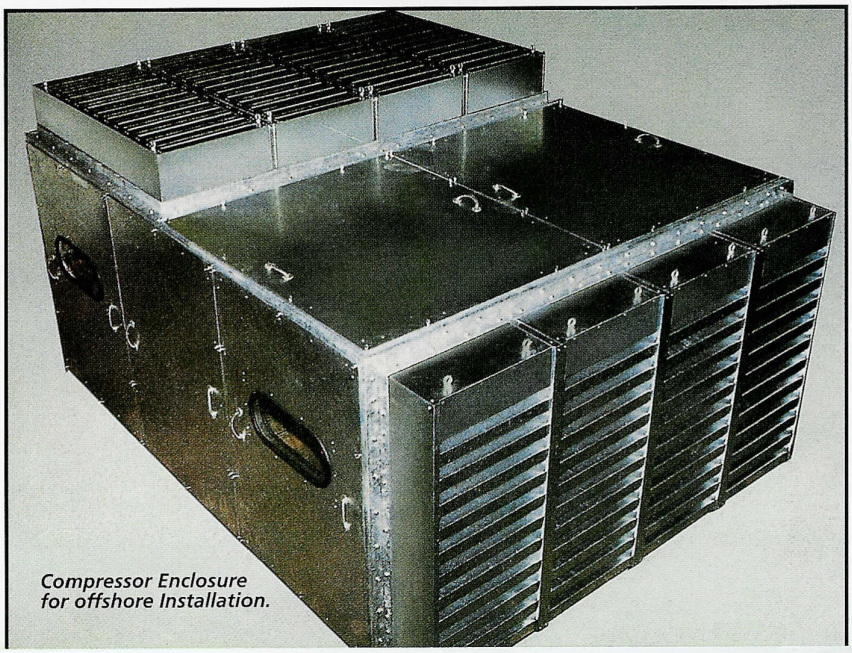
H.P. Fan Sets after treatment.

CONSTRUCTION

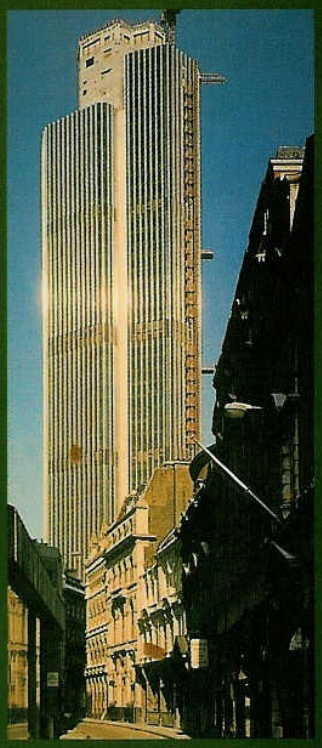
Enclosures are fabricated using modular panels. Each module is constructed as a non-homogeneous section using pre-galvanised mild steel with a perforated inner face filled with a highly absorbent, inert acoustic medium. A choice of stove-enamelled, powder-coated epoxy resin and plastic-coated finishes are available to suit individual requirements.

CUSTOM ENGINEERING

To ensure that equipment achieves the required degree of attenuation, Sargents sound-resistant enclosures can be custom-designed to suit any specification. Our manufacturing procedures allow for the construction of unusual shapes and materials to suit particular requirements.



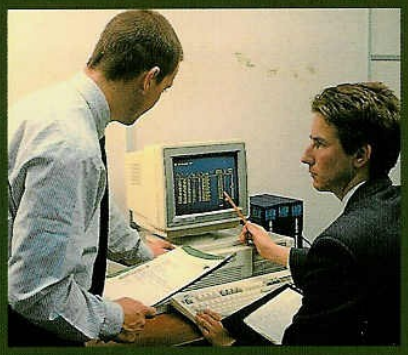
Compressor Enclosure for offshore Installation.

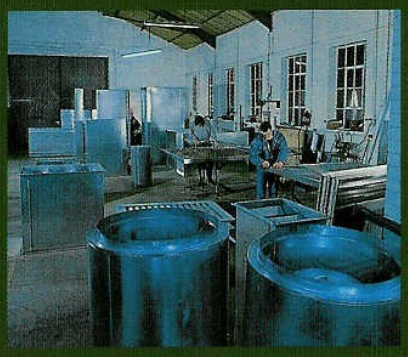


SARGENTS' EXPERTISE IN THE FIELD OF NOISE CONTROL HAS HELPED

Property Services Agency
National Westminster Bank
J. Sainsbury
Rolls-Royce
British Airways
British Gas
British Telecom
Shell UK
BBC
London Weekend TV
Thames TV
Nationwide Anglia BS
Marks & Spencer
Tesco

and many other household names





H U N T E R I N T E R N A T I O N A L P L C

THE HUNTER GROUP Divisions are co-ordinated to supply a full range of products for architectural and building services suitable for domestic and commercial installations as well as industrial and high integrity systems.

GREENWOOD AIRVAC VENTILATION manufacture EXTRACT FANS and PERMAVENT window ventilators for domestic applications and PLUSAIRE LOUVRES and CHEETAH DOORS for commercial and industrial installations.

The WATERLOO GROUP, comprising WATERLOO-OZONAIR in the United Kingdom, and WATERLOO BV in Holland & Germany is one of Europe's largest producers of HVAC equipment. Products include the KENNARD-NELSON Air Handling Units, and a full range of DAMPERS, FILTERS, VAV UNITS, GRILLES and DIFFUSERS.

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Maidstone, Kent ME20 7NB.
Tel: 0622 717861. Fax: 0622 719291

Greenwood Airvac, PO Box 3 Brookside
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West Sussex BN16 3LH.
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LOCAL AGENT

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