

Introduction

Wozair specialize in the design and manufacture of high integrity Heating, Ventilating and Air Conditioning (HVAC) equipment for the Offshore Oil and Gas, Nuclear, Marine, Petrochemical, Pharmaceutical, Process and Energy Industries.

The systems used in these industries are required to meet the highest standards of safety, reliability, certification and quality. **Wozair** has been meeting these standards for over 20 years with a proven track record of providing competitive, quality products and systems on time and to specification, be it one component or a complete system design, supply, installation and commissioning.

With complete product range with a complete innovative system engineering and site service capabilities, **Wozair** is able to offer a complete package to satisfy customer requirements. The benefits include:

- Guaranteed system integrity
- Reduced costs
- Reduced costs for procurement and co-ordination
- Reduced interface costs
- Total responsibility taken by **Wozair**

Wozair take an active role in developments within industry and work successfully with customers to achieve their goals by alliancing and adopting modern work practices.

All of the activities by **Wozair** are performed in accordance with quality standards BS EN ISO 9001:2000 and the latest CAD/CAM facilities and modern production techniques are employed.



Markets Served

- Offshore Oil and Gas
- Marine
- Nuclear
- Pharmaceutical
- Industrial
- Building Services

Products and Services

Mechanical Equipment

Air Handling Equipment

- Air Handling Units
- Fan Coil Units
- Air Conditioning Units
- Air Cooled Condensers
- Extract Fan Sets

Dampers

- Fire and Gas Dampers 'A-0'-'A-60', 'H-0'-'H-120'
- Fire Suppression Dampers
- Blast Dampers
- Isolation Dampers
- Volume Control Dampers
- Non-Return and Pressure Relief Dampers

Air Terminal Devices

- Supply Grilles
- Extract Grilles
- Transfer Grilles
- Floor Grilles
- Security Grilles
- Diffusers
- Drum Louvres
- Air Supply Nozzles
- Terminal Units

Louvres, Separators and Filters

- Fixed Weather Louvres
- Adjustable Weather Louvres
- Sand Louvres
- Cowls
- Filter Coalescers
- WOZ-X Separators

Acoustic Products

- Duct Attenuators
- Acoustic Louvres
- Attenuated Plenums

Nuclear Products

- Safechange Filter Housings – Radial
- Safechange Filter Housings – Axial
- Dampers
- Air Handling Units
- Ancillaries
- Mobile Filter Units
- Quickmix Injectors

Ancillary Equipment

- Duct Heaters
- Humidifiers
- Air Receivers

Engineering Services

- HVAC System Design
- Site Surveys
- Installation
- Commissioning
- Maintenance

Controls and Instrumentation

- HVAC Control Panels
- Motor Control Centres
- HVAC Instrumentation
- Fireman's Panels and Pneumatic Control Panels



Resources

Strategic Locations

Wozair has offices and manufacturing facilities strategically located in the UK and Singapore.

The Company's head office and factory are located in Kent between Dover and London. There is also a satellite manufacturing plant close by. In all, 2500m² of manufacturing space and 200m² of offices.

Wozair (Asia) Pte Ltd is based in Singapore and has extensive modern local manufacturing resources available in Singapore and Malaysia.

The Company retain a network of agents and associates strategically located around the world, specifically in Korea, China, India, France, Italy, Holland, Indonesia, the Middle East and Spain.

Wozair in the UK employ a permanent team of experienced engineers and technicians to ensure the quality of products and services – design, documentation, procurement, manufacture, inspection and test are all conducted in-house, including:

- Directors – Paul Azzopardi and Simon Collins
- Management Team
- Quality Auditor
- Sales Engineers
- Contract Engineers
- Purchasing/Document Control
- Design Draftsmen
- Production Engineers
- Development Engineer
- Offshore Certificated Technicians
- Finance/Administration
- Workshop Supervisor
- Material Controller
- Quality Control Inspector
- Skilled Fabricators
- CNC Machine Operators

Wozair in Singapore have a permanent staff undertaking sales, design, documentation, procurement, inspection and test.

Design

Wozair Group employ a permanent team of experienced qualified engineers who have a deep understanding of the technical, quality and documentation requirements for high integrity HVAC equipment, whether for hazardous locations Offshore, or containment for Nuclear extract systems.

The Management Team all have at least 15 years experience working in these industries, developing the necessary knowledge and skills to select and specify the optimum value equipment. In particular, controls equipment for Fire Dampers – either electric or pneumatic, hazardous or safe area compliant, suitable for low and elevated temperatures.

Every product has verified performance, either by test or third party certification. The Company has an ongoing Fire Damper development and testing program with Warrington Fire Research Centre, so that the complete range of Fire Dampers has current certification from Lloyds, DNV, BV, Rina, ABS, USCG, and GL, and fully meets the requirements of IMO and SOLAS.

For marine vessels registered to an EU member state, all **Wozair** Fire Dampers carry the Marine Equipment Directive Mark of Conformity (Wheelmark).

Fire and Isolation dampers are routinely tested in house to guarantee their performance meets or exceeds our stated blade leakage criteria.

All Air Handling Units are factory tested to demonstrate volume/pressure and case leakage.

Project Documentation is recognised as an essential element of the deliverables and great emphasis is put on the timely and correct submissions. Our Document Controllers are well versed in the latest electronic requirements including data collection tools.

Wozair has a unique automated design, estimating, drafting and production engineering software system (IDS) for Dampers, Louvres and Air Terminal Devices. This enables quotations to be quickly provided and orders processed to manufacture in the most efficient manner.

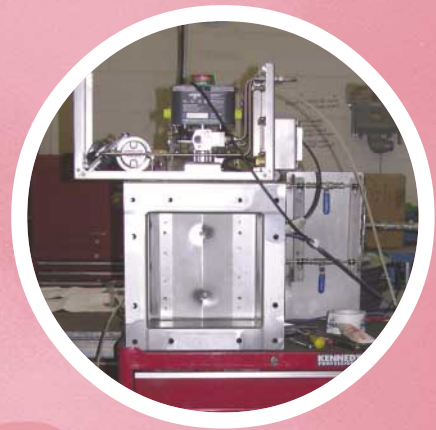


Development

Wozair employ a fulltime team to develop products and systems to ensure the Company remain competitive and at the forefront of technology, complying fully with latest certification and industry requirements. This development includes new products and re-testing of existing products to comply with the latest IMO, ATEX and Industry Standards.

Wozair ensure that all published performance and technical data has been verified by independent third parties such as Warrington Fire Research Centre and BSRIA.

In-house resources, systems, software and procedures are constantly under review to ensure a competitive edge is maintained whilst providing the best possible equipment and service.



Manufacture

Wozair recognise that to provide the best quality and value products it must continue to invest in the latest machinery and systems to ensure the most efficient manufacture can be carried out in-house.

State-of-the-art automatic Laser cutting machines provide the means to accurately cut up to 12mm stainless steel and 20mm mild steel sheet and plate 3000 x 1500mm.

The IDS design system for Dampers, Louvres and Grilles has a direct CAD/CAM link to the Laser machine enabling fast and accurate processing of orders.

Synergic pulse welding is used to produce the best quality damper blade plug welds. All our fabricator welders are coded for welding stainless and mild steel suitable for damper frames, AHU structural bases and nuclear filter housings.

Quality Assurance

Wozair is committed to operating its business to a formal, documented Quality Management System. Our system has been in place with third party approval since 1991 and is currently approved by LRQA to BS EN ISO 9001:2000. Our approval covers design, supply, manufacture and installation of HVAC equipment, controls, systems and individual components.



First Point Assessment Limited

Wozair has been a FPAL registered supplier since 1996. FPAL is a UK Oil and Gas industry central database of information which allows purchasers to identify appropriate suppliers by 'product' group. The system allows purchasers to view the capability profile of the supplier. FPAL provides a means of obtaining customer feedback on the processes involved in executing orders.





Track Record

Over the years **Wozair** has supplied equipment and services to many important projects around the world. Some recent projects include the following:

Oil and Gas

- Sakhalin Lunskeye and Piltun Topsides – Offshore Russia
- BP Plutonio FPSO Hull, Topsides and LQ – Offshore West Africa
- ConocoPhillips Belanak FPSO – Offshore Indonesia
- BP Lan Tay – Offshore Vietnam
- TotalFinaElf Dalia FPSO Hull, Topsides and LQ – Offshore West Africa
- Nexen Buzzard Field – Offshore North Sea
- Exxon Mobil ERHA – Offshore West Africa
- Statoil Kvitebjorn – Offshore North Sea
- Exxon Mobil Kizomba A and B FPSO's – Offshore West Africa
- AIOC Phases 1, 2 & 3, Azeri & Gunashli Topsides, Drilling and LQ – Offshore Caspian Sea
- Petrobras P52 – Offshore Brazil
- Maersk Oil Al Shaheen Project – Offshore Qatar
- BP Shah Deniz – Offshore Caspian Sea
- ONGC WIN Platform – Offshore India
- BP Yacheng – Offshore China
- Agip Kashagan – North Caspian
- Petrocanada Terra Nova – Offshore Canada
- Woodside Enfield FPSO – Australia
- PTT Bongkot – Thailand
- Platong Project – Thailand
- Dolphin Offshore LNG – Qatar
- ENI Ivana K – Mediterranean
- TotalFinaElf ROSA Project – Offshore West Africa



Marine

- Cruise Liners
- Ferries
- LNG Carriers
- Pipe Lay Vessels
- Tricats
- Coastguard Vessels
- Naval Vessels
- Yachts

Nuclear

- Dounreay
- Sellafield
- Trawsfynydd
- Dungeness
- Aldermaston
- Winfrith
- Capenhurst
- Devonport
- Risley
- Porton Down
- Heysham
- Bradwell
- Harwell
- Burghfield