

Specialised air handling units for offshore oil and gas industries



The Fläkt Woods Group has extensive experience in supplying specialised air handling units for the offshore oil and gas Industries.

■ FACTS

Customer examples:

Sakhalin, Khuff Offshore Platforms, Kristin (Statoil), Thunder Horse (BP), Shah Deniz (BP), Petros Bras

Need:

Energy efficient ventilation, heat recovery in cold weather conditions, refrigeration when it is hot and humid.

Solutions:

Fläkt Woods EUMM range of air handling units with Turboterm™ high efficiency rotary heat exchanger and mixed flow fans from the Axcent 1 range.



Specialised air handling units for every application

The Fläkt Woods Group has extensive experience in supplying specialised air handling units for the offshore oil and gas industries. Typically contracts include the supply of the EUMM range of air handling units, specially made for marine environments.

A modular unit offers flexibility of function, size and process and features 50 mm thick double-skin, flush-fitting aluminium or stainless steel panels, corrosion resistant components and non-hygroscopic, rigid sheet, mineral wool insulation.

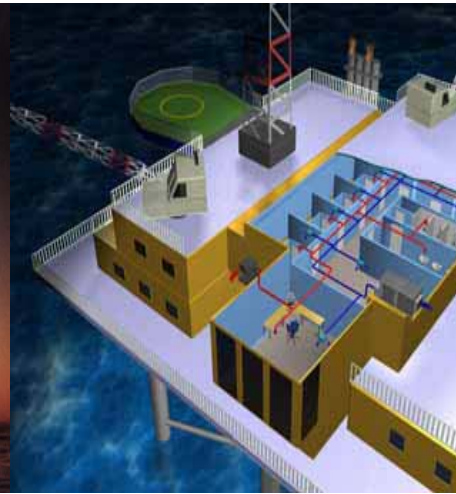
Sakhalin II Project

Off the coast of Sakhalin Island, in the Russian Far East, the Sakhalin II project will export Russia's first Liquefied Natural Gas (LNG) to Asia.

Here Fläkt Woods supplied 21 AHU's. The units were specially equipped with 1.5 mm panels to help deal with the harsh arctic surroundings. The order tested the TurboTerm™ high efficiency rotary heat exchanger of the EUMM, which provides excellent heat recovery in cold weather conditions, and significant savings in refrigeration demand when its hot and humid.

Salman Project

Thirty AHU's were shipped to Iran as part of a contract for the Salman project. This project will significantly boost the capacity of oil and gas transfer from the field to Siri Island, located in the Mobarak region of the Persian Gulf.



Statoil Volve Platform

Fläkt Woods supplied AHUs to AC Marine for the Statoil Volve platform, to be built in Thailand. The Volve oil field lies about 200 kilometres west of Stavanger at the southern end of the Norwegian sector. The development plan is based on production from the Mærsk Inspirer jack-up rig.

BP Shah Deniz Project

Fläkt Woods success at gaining onshore and offshore work for the gas and oil industries is typified with a contract to supply ventilation fans for the BP Shah Deniz project in Azerbaijan.

Fläkt Woods supplied over 40 mixed flow fans from the Company's Axcen 1 range, with diameters varying from 630mm to 800mm. Fans were manufactured with stainless steel casings and impellers, making them particularly suitable for the arduous operating conditions.

Offshore Industry

Fläkt Woods HVAC products and systems for the offshore industry normally face the most extreme environmental demands. Fläkt Woods has long experience of most kinds of offshore related applications in different climate zones and extreme environmental requirements.

Fläkt Woods Group

Fläkt Woods is a global company providing solutions for ventilation and air treatment for buildings as well as fan solutions for Industry and Infrastructure applications.

Contact information

Mikael Karlson
Fläkt Woods
Tel: +46 36 19 34 58
www.flaktwoods.com

Fläkt Woods

Fläktgatan 1, SE-551 84 Jönköping, Sweden

t +46 36 19 30 00 f +46 36 19 36 20

© Copyright 2006 Fläkt Woods Group

Due to a policy of continuous development and improvement the right is reserved to supply products which may differ from those illustrated and described in this publication. Certified dimensions will be supplied on request on receipt of order.