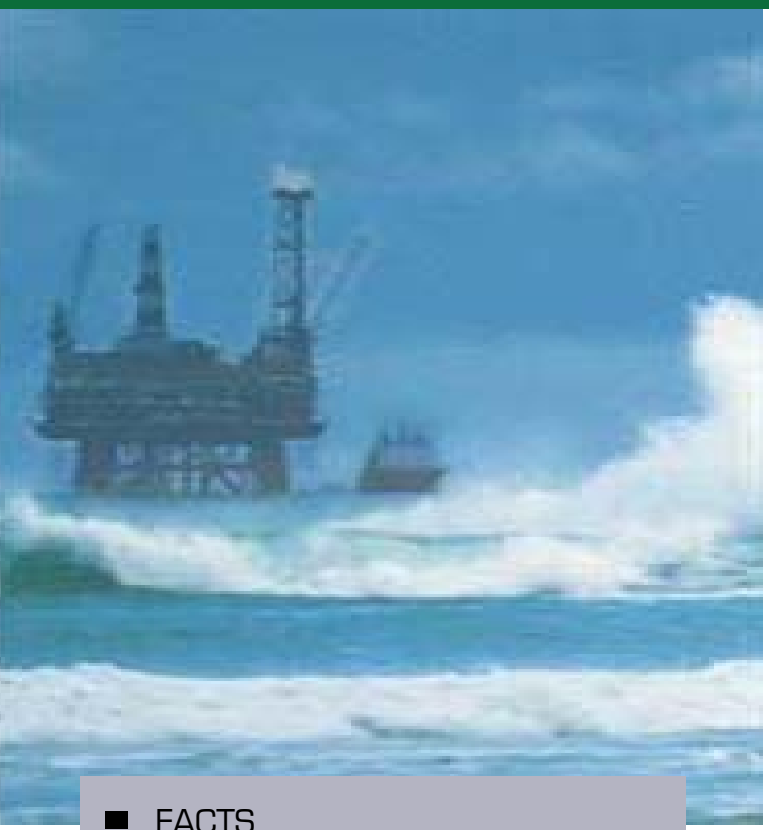
Large HVAC Oil Platform Contract Reinforces EUMM Superiority



Fläkt Woods has received a big order, supplying 11 Air Handling Units for the Sea Dragon project, located in the Mexican Gulf.

FACTS

Customer:
The Sea Dragon Project in the Mexican Gulf.

Need:
Energy efficient ventilation for extremely tough marine environments.

Solution:
11 Fläkt Woods EUMM type Air Handling Units with corrosion resistant components designed specifically for the maritime environment.

FläktWoods

“The flexible EUMM units are ideally suited for this project”

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The EUMM range is a modular system offering flexibility of function, size and process. The units feature flush fitting stainless steel paneling with a 50mm thick double skin, housing rigid sheet mineral wool insulation optimized for heat retention and sound attenuation.

All components are corrosion resistant to cater for the corrosive, saline atmosphere of a working life on the oceans of the world. The units are ideally suited for the vessels, two of the largest semi-submersibles in the world, which have global ultra deepwater and harsh environment capability.

Commenting on the new contract, Mikael Karlson, Director of Marine/Oil and Gas said; “Fläkt Woods has unique expertise and experience within the oil and gas sector. We have delivered HVAC solutions to advanced offshore units, including drilling rigs and ships and fixed and floating production platforms. This order is strategically important for further business in this and also other projects in the Oil Industry”.

Semi-submersible drilling platforms are used for exploratory drilling of potential new sights. The platforms are self propelled and capable of drilling in depths of up to 2,400 meters. Once the platforms are in position they can use dynamic positioning to remain stationary.

Some of the main features:

- Sturdy framework with box-section steel frame members.
- Solid composite material or aluminium, powder-coated corner pieces with no sharp edges.
- 50 mm thick double-skin, flush-fitting panels.
- Non-hygroscopic, rigid sheet, mineral wool insulation with a density of 50 kg/m3.
- Fully enclosed panels.
- Purpose designed coil connection seals.
- Fully dismountable casing.
- Multi-section blocks to reduce site assembly time.
- Corrosion resistant components designed for the maritime environment.
- Stainless steel casing available as a standard alternative.
- Painted casing available as an option.
- Taylor made marine functions.

Marine Units
Fläkt Woods has long experience of marine applications and the high demands they place on HVAC products and systems. These products must reliably provide the highest quality of indoor climate, regardless of the extreme environmental conditions or the climate zone where the vessels are operating.

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.

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