

DX AHUs and ACCUs in pursuit of excellence in HVAC for E-house FPSO on a 12 year contract generating 80,000 barrels of oil a day in Offshore Angola operated by Bumi Armada chartered by ENI



470kW Viking Airtech ACCU (Zone 2 IIB T3)



Customer, Country	McPec Marine & Offshore Engineering Pte Ltd, Singapore
Vessel Operator / Charterer / Deployment	Bumi Armada (Malaysia) ENI (Italy) Block 15/06 Offshore Angola
VA Project Ref / Customer Project Number	VAS655 / McPec 65072 / 21021
Vessel Name, AIS Vessel Type	Armada Olombendo / Other (FPSO)
Commencement & Completion	8 th June 2015 - 27 June 2017
Classification / Regulations	ABS / IEC / ATEX
Viking Airtech Scope	<p>Design, Supply, Installation, Commissioning</p> <p>2 Vertical 470kW Viking Airtech ACCU (Electrical and instrumentation equipment ATEX Zone 2 IIB T3) SS316 2 470kW Viking Airtech DX AHUs (Electrical and instrumentation equipment ATEX Zone 1 IIB T3) Casing SS316, 50mm Mineral Wool</p> <p>2 55kW Viking Airtech ACCU (Electrical and instrumentation equipment ATEX Zone 1 IIB T3) SS316, 2 55kW Viking Airtech DX AHUs (Safe area) Casing GI 25mm Mineral Wool</p> <p>Valves, Gauges and Switches</p> <p>18 Trox Fire & Gas Dampers for safe and ATEX Zone 1 IIC T3, 2 Shut Off Dampers, 7 Non Return Dampers, 6 Pressure Relief Dampers, 6 Transformer Room Supply and Exhaust Fans 31,000CMH 400 Pa, 6 VEAB Duct Heaters (Safe Area and Zone 1, IIC, T3)</p> <p>1 HVAC MCC, 1 HVAC Control Panel, Ex D Purging Control Panel, IER HVAC Starter & Control Panel, 6 Local Control Stations, for ACCUs and Fans,</p> <p>26 Air Grilles, 23 Wire Mesh, 12 Louvers, 1 Mist Eliminator and 32 Air Diffusers</p>
Vessel Size / Accommodation capacity	Gross Tonnage 164496 301963 DWT Length Overall x Breadth Extreme: 335m x 58m Production rate 80,000 barrels of oil a day