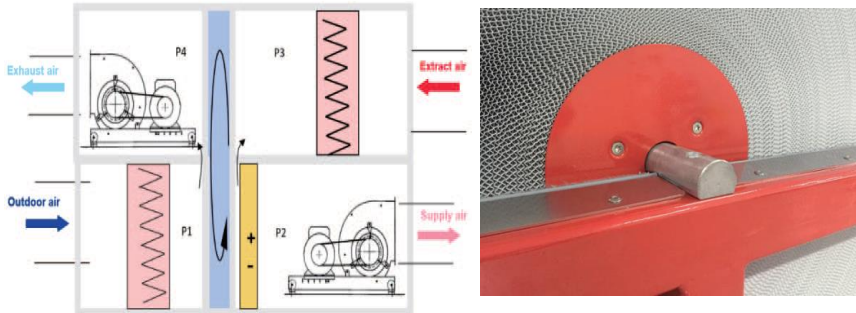
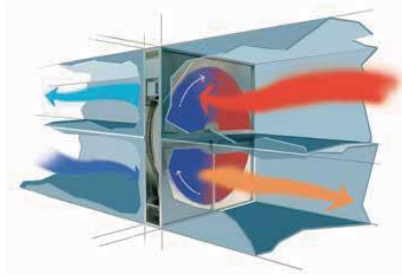


# Energy efficient HVAC&R with 100% fresh air and probably the best rotary heat exchanger in the world



To ensure no leakage between the air-streams, pressure shall be higher in P1 (OA) than in P4 (OA) and higher in P2 (SA) than in P3 (RA).



Customer	Jiangsu Zhenjiang Shipyard, China
Owner / Deployment	Government of Iraq / Middle East
VA Project Ref / Hull Number	VAT1648/49/50 / VZI6252-1101/02/03
Building / Vessel Names and Type	DAWOODIAH/SALIHIAH/WASELIAN TUG BOATS
Commencement and Completion	5 Sep 2012 - 10 June 2014
Classification / Regulations	Lloyds Register / SOLAS
Viking Airtech Scope	Design, Supply, Testing & Commissioning 1 100% Fresh Air 30m2/h each person DX AHU with Rotary Heat Exchanger and Water Cooled Condensing Unit (accommodation space) cooling capacity 40RT AC power consumption 25.6kW & Electric Heating 40kW (energy recovery cooling 115kW/32.8 RT heating 29kW), Water Cooled Package Unit for ECR 2.8RT power consumption 2.75kW, Ventilation Fans, Air Terminals, Electrical Control Panels, Provision, Refrigeration System
Building / Vessel Size & People	Gross tonnage 290 tons / DWT 500 tons / Length 55m / 12 men