

ENGIE Axima's expertise for passengers vessels



Galleys:

Ventilation and fire fighting fully adapted to every galley equipment, configuration and arrangement in accordance with international health and safety regulations.



AC rooms:

Design fully integrated to ship general arrangement (G.A.) thanks to compact coordination of ducting, piping and electrical networks, providing easy/smart maintenance areas.



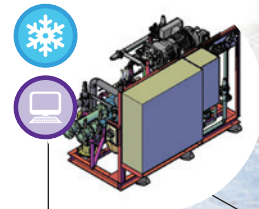
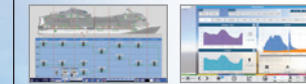
Air Inlets / Outlets:

Aesthetic integration of low noise, high efficiency sea-mist eliminators and louvers to preserve the downstream HVAC installation.



Control system:

Dedicated or integrated HVAC AS (Automation System) to run the installations, optimize their energy efficiency and contribute to safety and maintenance management.



Cold rooms:

Supply of dedicated refrigerating plants and evaporators specially designed for optimized performance and hygiene (USPHS regulations). The refrigerating plant secures an adequate supply of provisions for passengers and crew. Refrigerating plant and evaporators are designed under ships constraints (Vibrations, compact volume, power supply, redundancy...). The system feeds the standard refrigerating room as well as refrigerators in the galley area. The scope of supply can include panels, shelves and refrigerating piping. Use of environmental friendly refrigerant as per the F-Gas regulation.



Electrical switch board and control panel:

ENGIE AXIMA manufactures custom tailor made switchboard and control panel with which you will be able to gain a quick and comprehensive overview of different systems installed on board. Equipments are designed under ships constraints conditions (EMC compatibility, compact volume, power supply AC/DC, vibrations resistant). The switchboards and control panel ensure safe operation as per client and international regulations requirements.



Technical rooms:

HVAC system is designed and adapted to the special requirements of the room (internal loads, specific function, redundancy...). Fire fighting system is designed and adapted to the special requirement of the room (CO₂, NOVEC, HP or LP mist system).



Machinery Room:

Ventilation and firefighting system designed and fully adapted to all machinery room equipment and arrangement. Design is done in accordance with international design and safety regulations.



Chiller room:

Calculation of the most efficient cooling capacity and equipment sizing. Supply of different kinds of chiller technologies, including innovative, low energy in-house equipment.



Cabins:

Individual low noise air conditioning system and equipment for passengers comfort which can be connected to the hotel management system (HMS). Dedicated design for luxury suites. Fire fighting system design is done in accordance with international safety regulations.



Public areas:

Customizable AC system ensuring optimized air quality for passengers comfort. Fire fighting system design is done in accordance with international safety regulations.



Cargo rooms (dedicated for ROPAX ferries):

Ventilation and fire fighting system designed and fully adapted to vehicle deck arrangement. Design is done in accordance with international design and safety regulations.