

Accommodation HVAC Principles

Please refer to the following schematic which illustrates the basis principles of an offshore HVAC system.

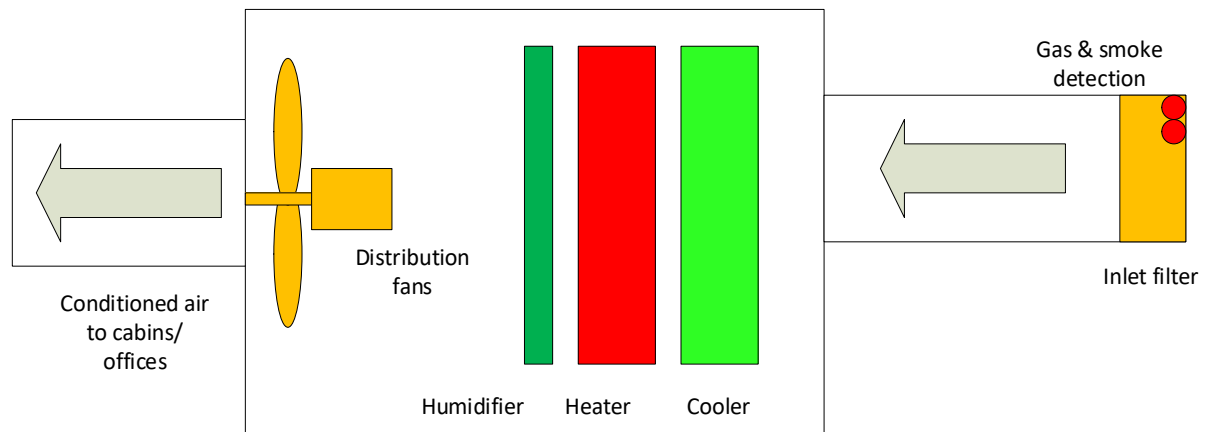


Fig 1. Simplified block diagram.

Clean air from a non-hazardous area is filtered and ducted to the supply HVAC skid where the air is cooled to knock out water, then heated to the required temperature and finally humidified by the injection of steam. This conditioned air is then distributed to cabins.

It should be noted that gas and smoke detection is located on the fresh air inlet and will activate fire dampers if any smoke or gas detected.