



**RC**®  
**MARINE**

**GROUP**

QUALITY OVER THE SEA



We are an Italian company that provides in the world on-board and shipyard multi-disciplinary services for HVAC and Refrigeration Systems, chipping and painting, research and development. We work for the main players of the naval industry since 2009 and we offer a wide range of turnkey solutions dedicated to cruise ships, yachting and military branches.

We have all the necessary certifications to work on refrigeration systems, air conditioning and heat pumps, and we help our customers to navigate safely with a 24/7/365 worldwide assistance service in shipyard and in navigation.







## RC Marine | Yacht Division

We provide installation of systems, on-board and shipyard services dedicated to the world of [quality boating](#) and [yachts](#). Experience and [multi-disciplinary](#) know-how are our distinctive elements.

[Project Management](#) and [Turnkey Solutions](#) are focused on the [quality](#) of the components and services offered, guaranteeing expertise and maximum flexibility in customizing the installations.



## DIRECT EXPANSION SYSTEM -VRV 2 CAPACITY ON DEMAND

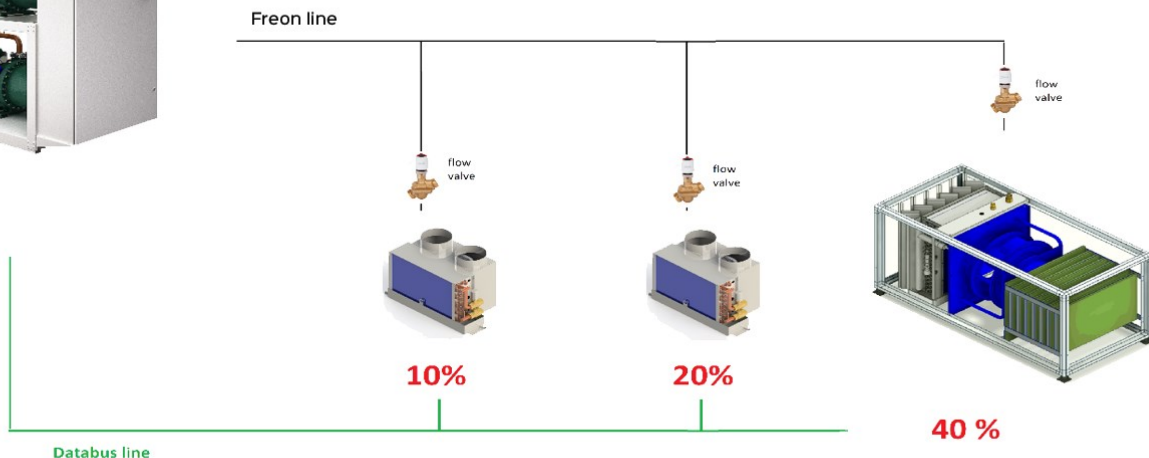
Capacity on demand systems offer a better comfort, focusing the cooling or heating capacity where is needed and allowing for huge energy saving on the compressor unit.

Each fan coil or air handling unit has a dedicated microprocessor unit that calculates continuous the heat load. The fan coil communicates via Data bus with the compressor unit, demanding the right capacity.

For the tropical areas the high air temperatures require a powerful and efficient system. The direct gas circulation in the coils allow a perfect temperature control with compact equipment and higher comfort on board. Without the chilled water loop the energy saving is huge and also the insulation process of the pipe works is easier and with less maintenance and leak problems.



**70%**







## RC Marine | Cruise Division

Since 2009 we are [partners](#) and [suppliers](#) of the global major cruise groups, providing on-board and shipyard services and 24/7 [worldwide assistance](#). Expertise and [multi-disciplinary](#) know-how are our distinctive elements.

[Project Management](#) and [Turnkey Solutions](#) are focused on taking care of a market segment where the ability to balance the scaling dynamics with the quality of supplies is [fundamental](#).





Since 2009 we supply the companies **leaders of the naval sector** with a 24/7 global service for shipyard and onboard assistance on all types of HVAC systems.

Our **24/7 global assistance** service includes: inspections and **troubleshooting**, overhauling and preventive maintenance, repairing and full unit replacements, system design and **installation**, painting and insulation of technical stations, energy optimization, installation of automation systems, testing, verification and **balancing**.



**HEINEN & HOPMAN**





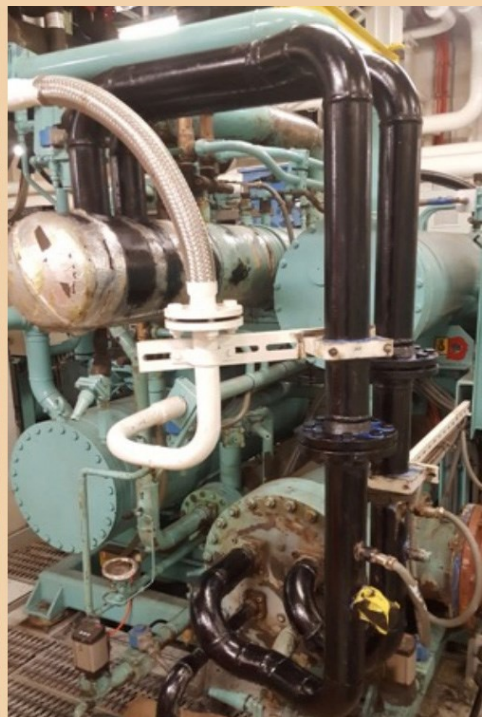


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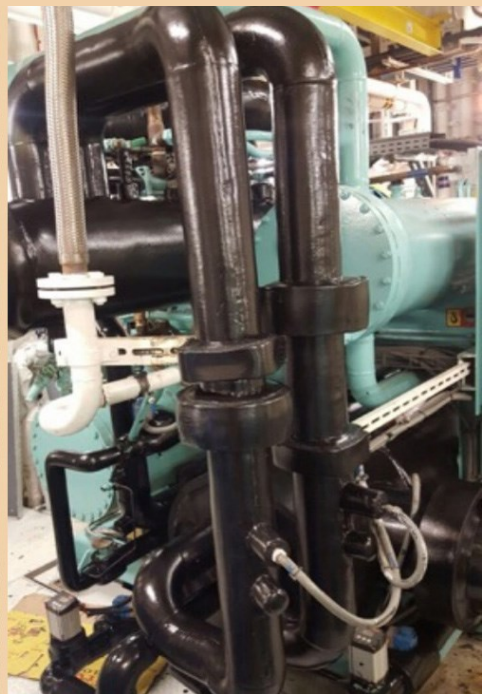
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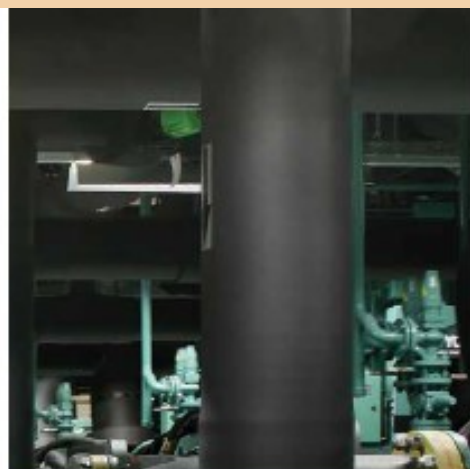




Here is an example of **refitting** of the **piping insulation** of a refrigeration facility. In order to increase as maximum as possible the piping lifetime we provide a **turnkey service** that includes: chipping, first painting, second painting, insulation with armaflex and then another painting over it to increase its resistance and lifetime.







Our skilled technicians  
had performed training  
at Armacell's training  
facilities in Miami.



## INSTALLER CERTIFICATION

# AQIP Training

The # 1 cause of insulation failure is improper installation. Armacell understands that installing closed-cell foam requires a special skill set. That's why we developed the **ArmaFlex® Qualified Installer Program**, which provides free expert application training on Armacell's insulation systems.

### Hands-on training includes:

- // How to properly cut, glue, seam and seal
- // How to custom fabricate fittings
- // How to use adhesives, tapes, coatings and pipe supports



**armacell**<sup>®</sup>

MAKING A DIFFERENCE AROUND THE WORLD



**Ignazio Messina Lines | Genoa, Italy**

- A/C and Refrigeration Plant System Service for all fleet



**Rimorchiatori Riuniti Finarge | Genoa, Italy**

- A/C System Service for all fleet.



**Fincantieri | Genoa , La Spezia, Riva Trigoso, Italy**

- AIR CRAFT CARRIER CAVOUR: Refrigeration Plant Installation.
- M/Y SERENA: Refrigeration Plant Installation and Commissioning
- FREMM PROGRAM (4 Ships): New Installation Refrigeration Plant and Commissioning Celtic Pacific Southampton (UK)
- SEVEN SEA NAVIGATOR: Refrigeration Plant Refitting, HVAC Systems
- SEVEN SEA VOYAGER: Refrigeration Plant Refitting, A/C Refitting Duct and AC Stations
- SEVEN SEA MARINE: Refrigeration Plant Refitting, A/C Refitting Duct and AC Stations



**Costa Crociere | Genoa, Italy**

- COSTA SERENA: Refrigeration Plant and A/C systems New Installation



**Saipem Indonesia | Offshore**

- IRAQ CRUDE OIL: Export Karimun Indonesia New Installation A/C System





## Precetti inc. | M/N, USA

- INSIGNA: Refrigeration Plant New Installation, A/C Refitting Duct and AC Stations
- M/N NAUTICA: Installation 4 AHU A/C Systems and Calibration System
- M/N REGATTA: Refrigeration Plant New Installation



## Carnival | Miami ,Florida, USA

- CARNIVAL ECSTASY: Supervision and Quality Control of Installations on HVAC Systems
- CARNIVAL ECSTASY: Replacement of Armaflex Insulation Compressors Provision Room
- CARNIVAL DREAM: Supervision and Quality Control of Installations on HVAC Systems
- CARNIVAL FANTASY: Supervision of Installation and Commssioning A/C Systems.
- CARNIVAL MAGIC: Supervision and Quality Control of Installations on HVAC Systems
- CARNIVAL SENSATION: Supervision and Quality Control of Installations on HVAC Systems
- CARNIVAL SENSATION: Replacement of Armaflex Insulation Compressors Provision Room
- CARNIVAL BREEZE: Supervision and Quality Control of Installation on HVAC Systems
- CARNIVAL BREEZE: Replacement of Armaflex Insulation Compressors Provision Room
- CARNIVAL TRIUMPH: Supervision and Quality Control of Installations on HVAC Systems



HEINEN & HOPMAN

## Heinen Hopman | Netherlands

- M/Y ANDREAS: A/C Refitting Duct and AC Station
- M/Y MOONLIGHT II: Refrigeration Plant and A/C Refitting Duct and AC Station
- MINEHUNTER PROGRAM (3 ships): Finish Navy New Installation A/C and Commissioning
- MINEHUNTER PROGRAM (1 ship): Finish Navy New Installation A/C and Commissioning



## V Ship | Monaco

- M/N ARMENIA: Refitting A/C System Duct and AC Station
- M/N ALBATROS: Refitting A/C System Duct and AC Station
- M/N ITALIA: ex Stockholm Refitting A/C System Duct and AC Station.



## Callenberg | Sweden and Netherlands

- M/N ALICE: Magali, Goa, Victory, Hansaland, Service for refrigeration Plant and A7C System





## Heinen & Hopman | Italy

- M/Y CAPELLA: Ac Station Refit, Supervision and Commissioning, project management
- M/Y YOU AND ME: Installation of a new AC Chilled Water Unit, Supervision, Commissioning
- MINEHUNTER PROGRAM: Installation of a new AC plant for algerian navy
- MY FOREVER ONE: Commissioning AC Plant (New Installation)
- MY LIONHEART II: Commissioning AC Plant (New installation)
- MY AKULA: Complete Refitting Provsion Cooling Plant
- MY QUEEN MAVIA: Complete Restoration and overhaul of main AC plant and PCP
- MY DEJA TOO: Complete Restoration and overhaul of main AC plant and PCP
- MY SEA DREAM: Pressure test of main AC plant, Restoration and retrofit
- MY SAGAMAR: Complete Restoration and overhaul of main AC plant and PCP
- MY ANTARES: Replacement of main sea water condenser and AC plant restoration
- MY SURPINA: Complete Restoration and overhaul of main AC plant
- MY ADAMAS III: Project Management, Engine Room Ventilation upgrade
- MY BARAKA: Complete Restoration and overhaul of main AC plant and PCP
- MY VIKY: Complete Restoration and overhaul of main AC plant
- MY SYLVER ANGEL: Project Management and refitting of main AC plant



## Termodinamica

- Baglietto 10242 Project ,installation ,commissioning HAVC Systems VRV New Technology
- Baglietto 10238 Project ,installation ,commissioning HAVC Systems VRV New Technology
- Baglietto 10236 Project ,installation ,commissioning HAVC Systems VRV New Technology
- San Lorenzo 968 Project ,installation ,commissioning HAVC Systems VRV New Technology
- Leonardo III Refit and ,commissioning HAVC Systems VRV New Technology
- Queen Miri Refit and Commissioning HAVC Systems VRV New Technology



## DE Wawe

New Installation fridge and Undercounter Starbucks Refit Systems Brine and Freon in Undercounter on following Vessel:

NCL Breakaway

NCL Epic

NCL Pearl

NCL Gem

Princess Emerald : performed freon line processing for reduction of the height of Undercounter

Princess Ruby

Princess Caribbean

Princess Coral

Princess Island



Trident BCM

Insulation Piping

MSC Sea Side Armaflex Insulation

Carnival Panorama Termaflex Insulation





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