



VESELTECH

CHILLERS

SERVING SINCE 2010

*We strive to redefine the
comfort at sea with a
high-performance
cooling system.*



- We specialize in Marine, Industrial Air Conditioning and refrigeration services & maintenance.
- We have a well-equipped workshop with a skilled and trained team for troubleshooting faults in A/C systems in Industry.
- We provide our services not only in **UAE, but also in Singapore, China, Hongkong, Greece, India, Lagos, Port Harcourt, Nigeria, Chad, Angola and Germany.**

VESSEL MANAGERMENTS ARE GENERALLY LOOKING FOR

- **A perfectly cool environment ensuring absolute peace of mind**
- **A one-time solution ensuring a sense of accomplishment.**
- **Inspired by increased work productivity**
- **Less negotiation, More satisfaction**
- **A relaxed voyage**

CRITICAL CHALLENGES FACED BY VESSEL OWNERS/MANAGERS

→ Refrigeration System:

**not reaching room temperature as
a result of food consumables
spoilage, which impacts the crew's
health and causes monitor losses.**

→ Main A/C SYSTEM...

**The crew operating on board
experienced stress and dehydration
as a result of the inability to
maintain a pleasant working
environment.**

→ ECR A/C System:

**The ECR AC system maintains
optimal conditions for equipment
and crew. Common problems include
refrigerant leaks, airflow blockages,
electrical faults, and corrosion.**

→ Galley Reefer Unit:

**can suffer from compressor failure,
refrigerant leaks, dirty coils, and
blocked vents, impacting cooling. Issues
with thermostats, fans, and control
boards can also cause breakdowns.**

SOLUTIONS OF ADDRESS ISSUES

✓ Main A/C

. Our team will work to get the right advice to get the maximum comfortable temperature with available sources.

✓We will do Check electrical components, refrigerant levels, and overall system health check

✓ Enhance ventilation, ensure proper insulation for system is operating at full capacity.

✓ ECR A/C

We do service and fix main required Temperature with our right Solution do ECR A/C to perform full Output.

✓ We will prioritize the requirements for the job and bring solutions for the required solution we advise and find the right solution for your vessel cold storage unit.

✓ We educate the vessel on which problem can happen, why this problem and solution are in the system, and advice to make changes.



***We are Professional HVAC-R Service experts
in the Marine sectors.***

VESSELTECH
CHILLERS

RESTRUCTURED MAIN AC UNIT FOR VESSEL



RESTRUCTURED REEFER SYSTEM FOR VESSEL





PACKAGE UNIT



börg AC UNITS

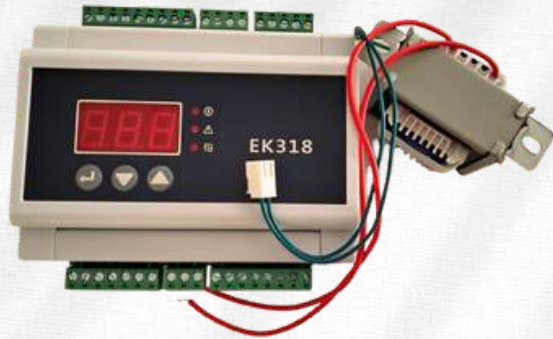


börg PLC SPARES

LCD DISPLAY



**ELECTRONIC
EXPANSION VALVE**



PCB BOARD



HP/LP Switches



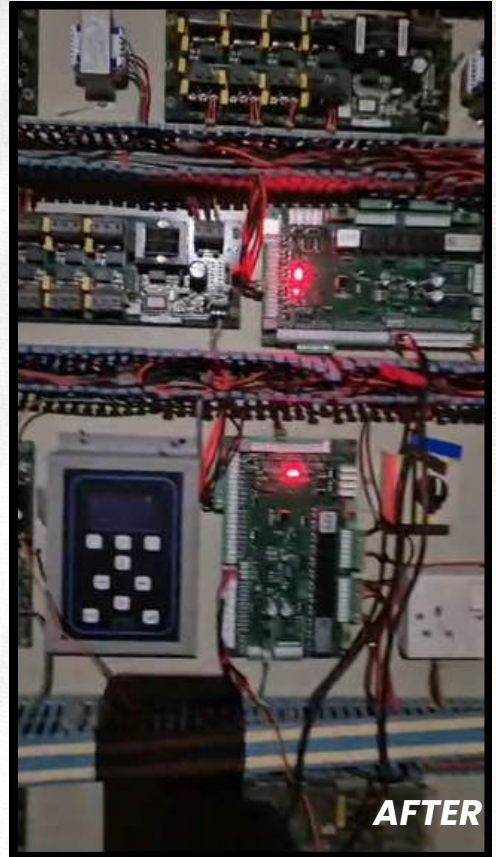
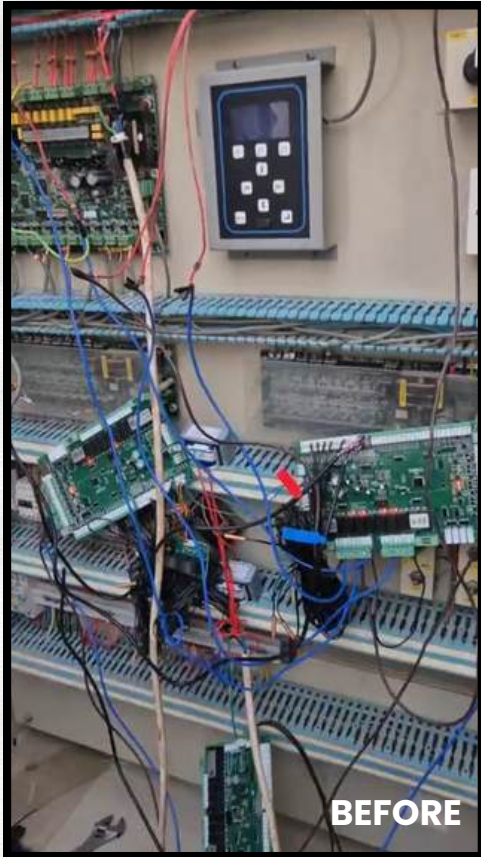
Wifi Router



Wifi Connector



PLC PANEL BOARD





EVAPORATOR COIL

Steam coil



Coil Evaporator



Hot water Coil



Refrigerant coil



Chilled water coil





D-48 STANDARD CAPACITY FILTER DRIER

Removes water and acids from refrigeration and AC systems, ideal for liquid or suction lines, especially after compressor burnout, to protect and extend system life.





LIQUID LINE FILTER DRIERS

Reliable protection for refrigeration and air conditioning systems. Designed to remove moisture, acids, and solid particles, ensuring long-lasting performance and system integrity.





REFRIGERATION ACCUMULATOR

Protects the compressor by trapping excess liquid refrigerant, ensuring only vapor returns through the suction line.





OIL SEPARATOR

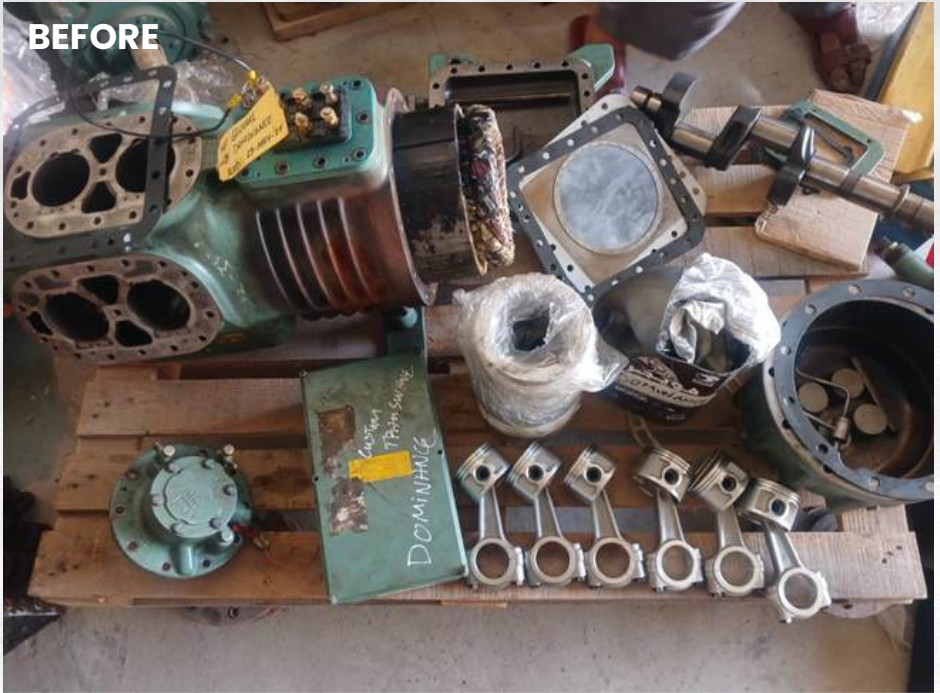
Installed in the discharge line to remove and return oil to the compressor, ensuring lubrication and system efficiency.



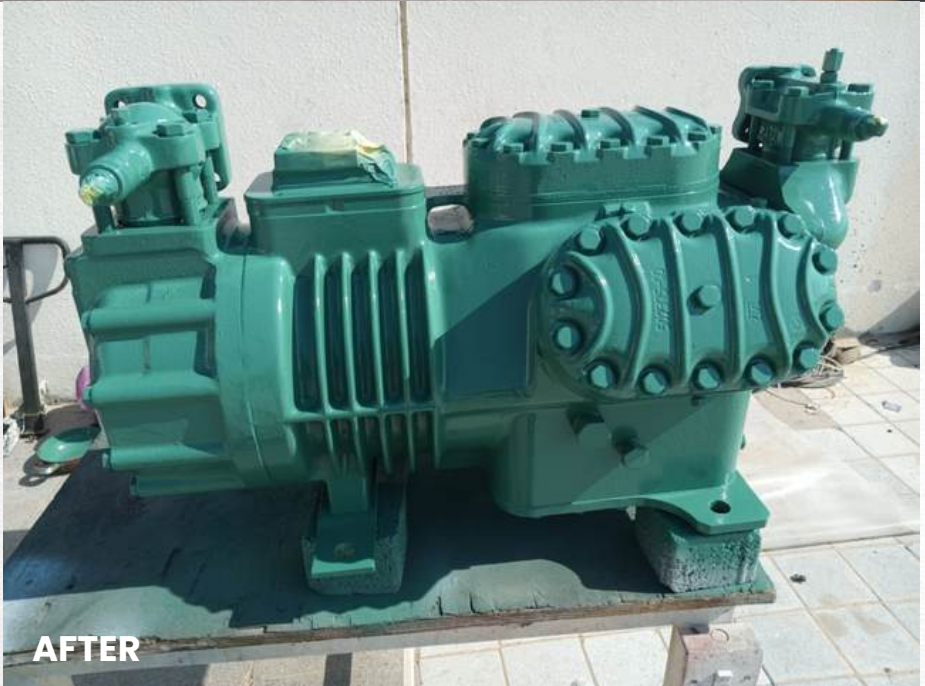


HOW WE MAKE COMPRESSOR

BEFORE



AFTER





REBUILT COMPRESSOR

Expertly overhauled to OEM standards using genuine or equivalent parts. Each unit is fully tested for performance, reliability, and durability—ideal for marine and industrial cooling applications. A cost-effective solution backed by 1-year warranty on rebuilt.



frascold



COMPRESSOR V35-103Y



CARLYLE 5H80 REBUILT COMPRESSOR

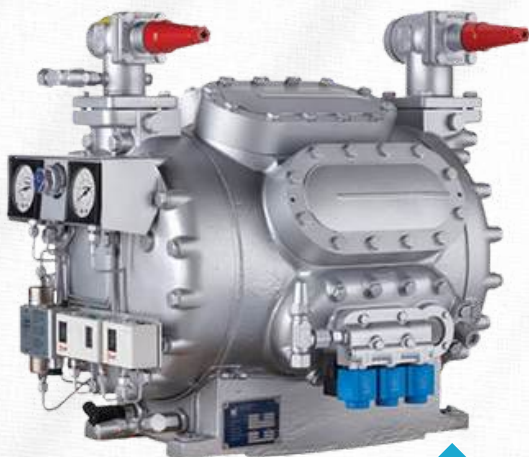




06E 40 HP REBUILT COMPRESSOR



CMO & SMC SERIES REBUILT COMPRESSOR



Bitzer

40HP BITZER SEMI-HERMETIC COLD ROOM COMPRESSOR CONDENSING UNIT



ALL COMPRESSOR SPARES





VESSELTECH

CHILLERS

01

INSPECT
your system



02

PLAN
the steps to
troubleshoot



03

EXECUTE
the plan



BRANDS WE WORK WITH



COUNTRIES WE ARE SERVING



BONUS

What are all the add-ons in Vesseltech Team that benefit clients?

- 1. We offer Rebuilt compressor with genuine spares.**
- 2. Mechanical side warranty for Compressors with 1 year Extended Warranty Coverage**
- 3. Measurable job completion and result guaranty.**
- 4. Expert fabrication team for condenser retubing and fabricaiton ac unit.**
- 5. Introducing software for heat load calculation and temperature calculation.□**
- 6. We are the manufacturer for our own brand of marine air conditioning and refrigeration.**
- 7. Backup & Emergency Support option for 24/7 emergency service coverage.**
- 8. Expert Electrical Team for PLC.**



THANK YOU FOR EXPLORING OUR PROFILE

At VesselTech, we combine technical precision with service dedication. Ensuring every product we offer meets your operational demands.



VESSELTECH

CHILLERS

CONTACT US



+971 54 706 7937

+971 50 859 8174

+971 50 947 1729



enquiry@vesseltechchillers.com

Sales@vesseltechchillers.com

Salesdxb@vesseltechchillers.com

contact@vesseltechchillers.com



www.vesseltechchillers.com



Dubai, Sharjah & Fujairah-UAE