



- Air conditioning Systems
- Engine Room Ventilation Systems
- Ex-proof Air Conditioning Units
- Air condition Hire / lease
- Spare Parts
- Chiller and Freezer Rooms
- Compressor Regeneration
- Ducting, Insulation and Cladding
- Annual Maintenance Contracts
- Dampers and Controllers



Introduction:

Century Marine Services L.L.C. is the young engineering company, formed in 2014 by the team of professionals to cater to the various industrial segments with our exclusive range of engineering products. We hold exclusive agency agreement with Century Corporation, Korea for Chiller based Heating, Ventilation and Air-conditioning Systems.

Century Corporation, Korea is in HVAC business since 1968 and carried out lots of prestigious projects around the world. Century products are well known around the Industrial, Marine, Oil / Gas and Nuclear sectors.

Our clients base:

- **District Cooling**
- **Hotels**
- **Hospitals**
- **Nuclear Plants**
- **Food Processing**
- **Data Centers**
- **Marine**
- **Offshore**
- **Oil / Gas**
- **Navy**
- **Yachts**
- **Petrochemical**





Air Conditioning and Refrigeration Services

Century Marine Service L.L.C. has its full-fledged in house design, drawing and engineering team supported by the well experienced sales and services team to carry out the following tasks.

- Sales
- Design
- Engineering
- Installation
- Commissioning
- Spares and Services

We provide the following services

- Air Conditioning to the Hotels / Residential Buildings
- Chiller and Freezer Rooms
- Engine Room Ventilation Systems
- Compressor Regeneration
- Ex-proof Air Conditioning Units
- Ducting, Insulation and Cladding
- Air condition Hire / lease
- Annual Maintenance Contracts
- Spare Parts Supply

Major Client Base



Providing maintenance, repairs and service.



Air Cooled Remote Condenser

Indoor Unit

PACKAGED AIR CONDITIONER

Air Cooled (Cooling Only & Heat Pump)
Water Cooled (Cooling Only)

- Desirable for cooling large areas
- Equipment with ultra-quiet system
- Cooling Only and Heat Pump are available

* CAPACITY RANGE : 1 SIZES FROM 7 KW TO 100KW

AIR HANDLING UNIT



HORIZONTAL / VERTICAL / MULTIZONE

- Available in a wide variety of models to provide optimum operation

Forward curved fan : Horizontal type-Air flow 25m³/m-1, 113/m
 Vertical type-Same as above
 Multizone type-Same as above

Air Foil Fan : Horizontal type-Air flow 98m³/m-1, 113m³/m
 Vertical type-Same as above

* CAPACITY RANGE : 18 SIZES FROM 11 KW TO 600KW

SELF-CONTAINED PACKAGED AIRCONDITIONER

(roof Top Unit) Cooling Only Heat Pump



- Ideal for roof-top and ground level installation with though-the wall penetration of duct work
- Specially designed to work in the extriment weather conditions

* CAPACITY RANGE : 6 SIZES FROM 17 KW TO 100KW

FAN COIL UNIT



Free Strating Model : F, FF, K

Ceiling Cabinet Model : C

Lobby Cabinet Model : L

Hide-Away Basic Model : B

- Composed of chilled water coil
- Offers wide range application and excellence in performance

* CAPACITY RANGE : 5 SIZES FROM 200KW TO 500KW



CENTRIFUGAL WATER CHILLER

- Completely air-tight centrifugal machines
- Designed for both outstanding space saving and low maintenance costs
- Compact design with high efficiency, obtained by utilizing THERMOEXCEL tube
- Wide range capacity control of 10%~100% is available

* CAPACITY RANGE : 21 SIZES FROM 100 KW TO 1500KW



COOLING TOWER



- Every components are of non-corrosive materials from the fiber glass outershell to the PVC fill and louvers, aluminum or FRP fan blades

* CAPACITY RANGE :

Counter flow : 23 SIZES FROM 10 KW TO 3500KW

Cross flow : 16 SIZES FROM 450 KW TO 5400KW

DIRECT FIRED ABSORPTION CHILLER-HEATER

- Rotors-The latest asymmetrical designed rotor profile, 5+7 profile
- High efficiency
- Reliable 2-rope hermetic motor
- Inner constructed oil separation system
- Step or stepless Capacity control
- Colling Capacity Range Air cooled type : 94kW to 627kW
- Water cooled type : 115kW to 720kW



SCREW WATER CHILLER



- Ideal for commercial, residential and industrial air conditioning applications
- User chilled or hot water circulating through fan coils to providing cooling in summer and heating in winter

* CAPACITY RANGE : 23 SIZES FROM 350 KW TO 5200KW

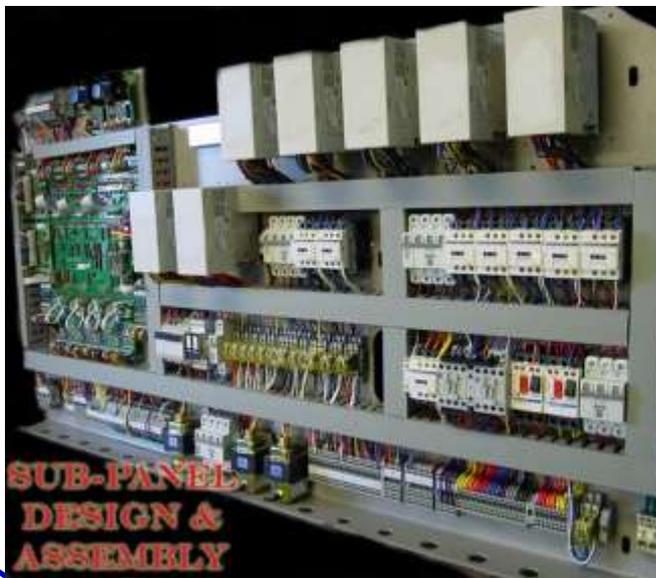
Dampers - Louvers - Grills



Design, Supply and Installation

- * Fire and Safety Dampers _ Buildings & Industrial
- * Fire & Safety Dampers to Marine & Oil and Gas
- * Louvers, - Acoustic and Weather & Sand
- * Diffusers
- * Valves and Nozzles
- * Filters
- * Duct Heaters
- * Gas Tight Dampers
- * Pressure Relief Dampers
- * Access Doors
- * Jet Fans
- * Type Approved products for Marine, Oil & Gas

Control Panes and Power Controllers



Design, Supply and Installation

- * Chillers MCC & PCC panels
- * Star Delta Starter Panels
- * Direct Online Motor Starter Panel
- * Power Distribution Panels
- * Ahu.& Cond. Unit Control Panel With VFD
- * Alarm Control Panels
- * Process Control Panel
- * Control Panel Maintenance and Modifications
- * Spare Parts

Ducts, Grills and Connectors



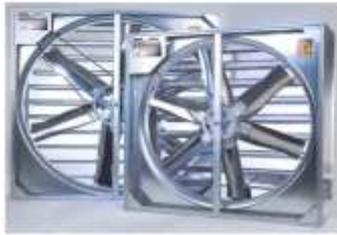
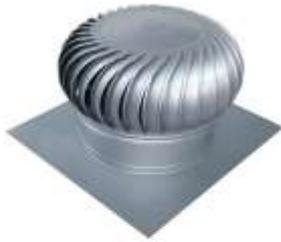
Types of Ducts

- * Galvanized Steel Rectangular Ducts
- * GI Round Ducts and connections
- * Plug and Play type Duct connections
- * Flexible Ducts

Grills

- * Bar grille
- * Transfer grille
- * Louvre bladed diffuser
- * Straight bladed diffuser
- * Linear slot diffuser

Ventilation Systems / Fans



Ventilation Systems

- * Air Inlet Section
- * Filters
- * Heating / Cooling Equipments
- * Fan / Ducts

Purpose

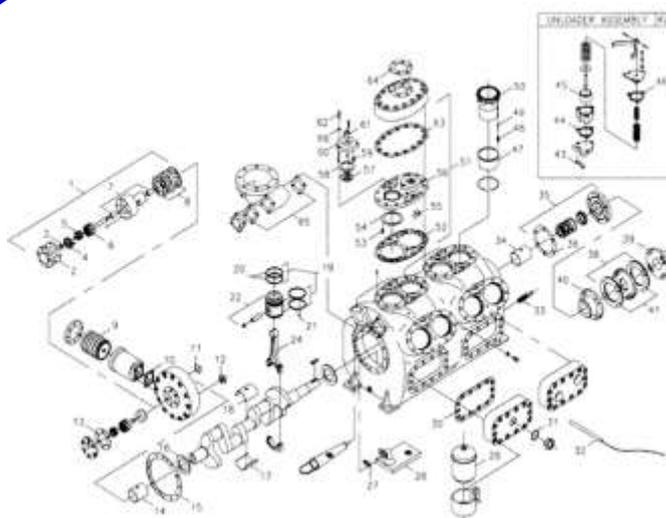
- * An Exhaust Ventilation System removes the air and airborne contaminants from the workplace air.
- * The Exhaust system may exhaust the entire work area, or it may be placed at the source to remove the contamination as its source

Compressor Regeneration



- * AC Compressor over haul.
- * Compressor Spares Supply and Installation.
- * Performance Test and Warranty
- * Carrier, York, Trane, Bitzer and Century maintenance.
- * Original Spares
- * And much more.....

Air Condition Spares



- * OEM spares from Bitzer, Copeland, Century, Bock, Carrier, Dorin, Mycom, Howden and other manufacturers.
- * Controls, driers, heaters, motors and valves
- * Oils, oil pumps and Vacuum pumps
- * Pipe products, pipe benders and cutters
- * Brazing equipment, Manifolds and gauges
- * Cleaners, • Couplers
- * Electrical testers, Recovery units
- * Hand, flaring and swaging tools
- * Hoses, • Instrumentation



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