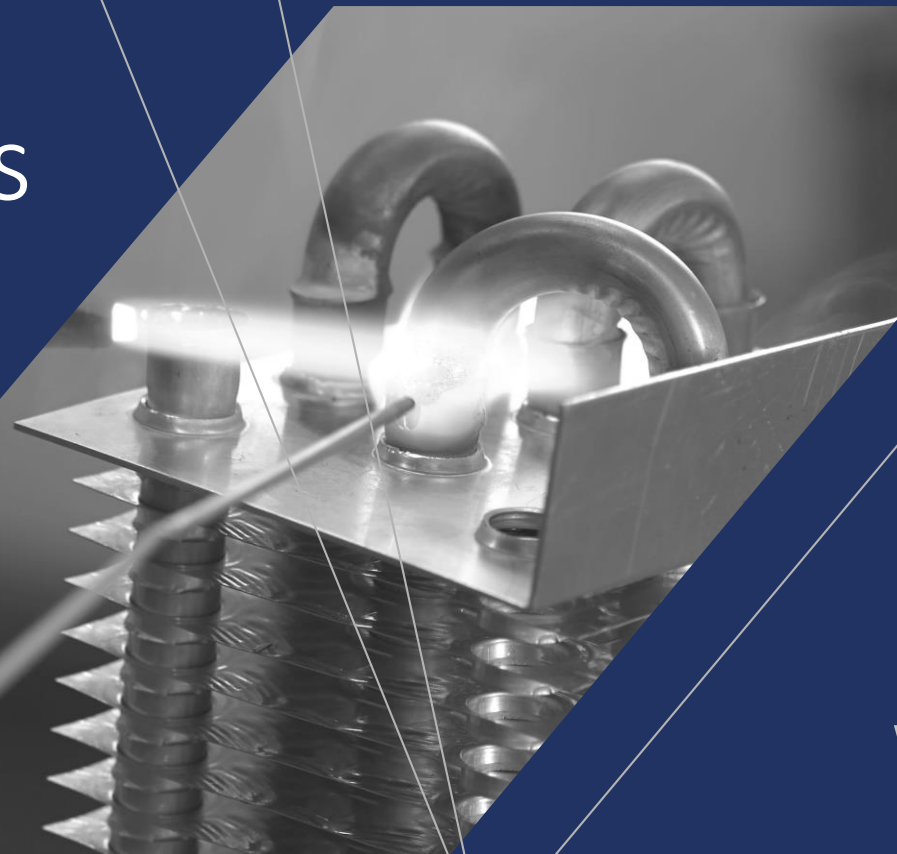




CHILLER UNITS

Indicative References



Chiller Unit 688KW

- Installation on passenger's ship (Panagia Skiadeni) of 83m length/14m breadth
- Supply A/C system of the vessel with chilled water
- Refrigerant R134a
- 1 piece of 2-circuit shell & tube Evaporator (manufactured with Cu-DHP tubes/carbon steel shell)
- 2 pieces of FARAD shell & tube fresh water condenser (manufactured with Cu-DHP tubes/carbon steel shell)
- 2 pieces of HANBELL screw type compressors of cooling capacity 344KW
- Electric/ Control Panel equipped with MITSUBISHI PLC



Chiller Unit 1064KW

- Installation on trenching support vessel (Asso Aethra) of 94m length/22m breadth
- Supply A/C system and winch cooling system of the vessel with chilled water/propylene glycol mixture
- 2 pieces of BITZER screw type compressors of cooling capacity 532KW
- Refrigerant R134a
- 1 piece of 2-circuit shell & tube Evaporator (manufactured with Cu-DHP tubes/carbon steel shell)
- 1 piece of FARAD shell & tube sea water condenser (manufactured with Cu/Ni-90/10 tubes/carbon steel shell)
- 2 pieces of PARKER electronic expansion valves
- 2 pieces of chilled water/propylene glycol mixture pumps GRUNDFOS
- Electric/ Control Panel equipped with MITSUBISHI PLC



Chiller Unit 260KW

- Installation on trenching support vessel (Asso Argo) of 110m length/20m breadth
- Supply winch cooling system of the vessel with chilled water
- 2 pieces of BITZER screw type compressors of cooling capacity 130KW
- Refrigerant R134a
- 1 piece of 2-circuit shell & tube Evaporator (manufactured with Cu-DHP tubes/carbon steel shell)
- 1 piece of 2-circuit shell & tube sea water condenser (manufactured with Cu/Ni-90/10 tubes/carbon steel shell)
- 2 pieces of PARKER electronic expansion valves
- Electric/ Control Panel equipped with MITSUBISHI PLC



Chiller Unit 1056KW

- Installation on trenching support vessel (Asso Argo) of 110m length/20m breadth
- Supply A/C, winch and various machinery cooling system of the vessel with chilled water/propylene glycol mixture
- 2 pieces of HANBELL screw type compressors of cooling capacity 528KW
- Refrigerant R134a
- 1 piece of 2-circuit shell & tube Evaporator (manufactured with Cu-DHP tubes/carbon steel shell)
- 2 pieces of shell & tube sea water condenser (manufactured with Cu/Ni-90/10 tubes/carbon steel shell)
- 2 pieces of EMERSON electronic expansion valves
- Electric/ Control Panel equipped with MITSUBISHI PLC



MGO Chiller 194KW

- Installed in 82 units on various vessels
- Used to chill Marine Gas Oil. MGO flow rate up to 12.5m³/h
- 1 piece of DORIN semihermetic reciprocating type compressors
of cooling capacity 200KW
- Refrigerant R407c
- 1 piece of shell & tube Evaporator
(manufactured with Cu-DHP tubes/carbon steel shell)
- 1 piece of shell & tube sea water condenser
(manufactured with Cu/Ni-90/10 tubes/carbon steel shell)
- 1 piece of EMERSON thermostatic expansion valve
- Electric/ Control Panel equipped with MITSUBISHI PLC



Chiller Unit 656KW

- Installation of 3 units on passenger's ship (M/V Sunny) of 170m length/23m breadth
- Supply A/C system of the vessel with chilled water
- 1 piece of HANBELL open screw type compressors of cooling capacity 656KW
- Refrigerant R134a
- 1 piece of shell & tube Evaporator
(manufactured with Cu-DHP tubes/carbon steel shell)
- 1 piece of shell & tube sea water condenser
(manufactured with Cu/Ni-90/10 tubes/carbon steel shell)
- 1 piece of EMERSON thermostatic expansion valve
- Electric/ Control Panel equipped with Dotech Chiller Controller





Thank you

“The best way to predict the future is to create it.”
Alan Kay, Computer scientist

