



# DOLPHIN GROUP

Since 1986

## HVAC DIVISION SERVICES & SOLUTIONS



**Manufacturing**



**Installation, Testing &  
Commissioning**



**Operation, Maintenance, Repairs &  
Trouble Shooting**



**Retrofit & Replacement**

**CONTACT US**

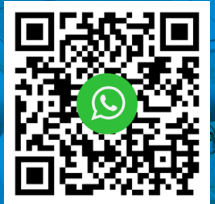


[www.dolphinheattransfer.com](http://www.dolphinheattransfer.com)



[info@dolcool.ae](mailto:info@dolcool.ae)

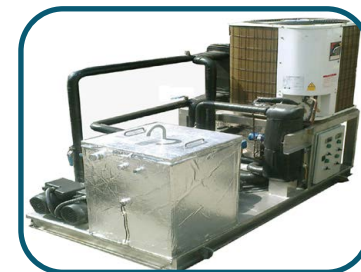
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# Manufacturing

We manufacture the complete range of products catering to the HVAC requirements of residential, commercial, industrial & hospital clients' demands. Our products include:



- ✓ Any Range of Air-Cooled & Water-Cooled Chillers
- ✓ Air Side Units: FCU's, AHU's & FAHU's including Horse Shoe Heat pipe & Vertical/Horizontal Heat Pipe System
- ✓ Evaporative Ammonia Condensers
- ✓ Swimming Pool Heating/Cooling Units
- ✓ Water Tank Cooling Units
- ✓ Heavy Duty & Customized Cooling Solutions
- ✓ Any Kind of Chiller Component



# Supply, Installation, Testing & Commissioning

**01.** We offer complete packages from first point of contact to innovative designs, supply, installation, testing & commissioning of HVAC & refrigeration systems with after-sales care. These systems include:



- ✓ Window AC/Decorative & Ducted Split System/Variable Refrigerant system (VRF)/Package AC
- ✓ Cold Rooms System
- ✓ FCU's, AHU's & FAHU's, etc.
- ✓ Heat Pump with Swimming Pool
- ✓ Any Range of Air-cooled & Water-Cooled Chillers
- ✓ Heavy-Duty Cooling Solutions

**02.** Our expert sales and design teams are highly trained and experienced. We offer perfect air-conditioning & refrigeration systems and assist in lowering running costs, providing comfort and ensuring the longevity of your system.

**Our solutions truly stand out from the rest by bringing together:**

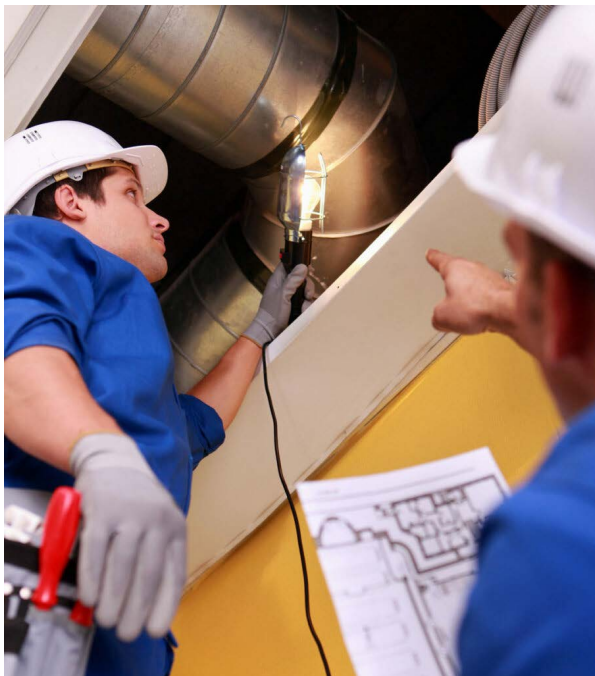
- ✓ Cutting-Edge Designs
- ✓ The Latest Solutions that Leverage Innovation
- ✓ Energy Efficient Units Designed to Lower Operating Costs
- ✓ Unmatched Installation and Service Capabilities







# Operational & Maintenance Services



We offer both comprehensive and non-comprehensive Annual Maintenance Contracts. Our service package covers different types of air conditioning & refrigeration equipment including Window AC, Decorative/ Ducted/VRF Split AC unit, Package AC, AHU's /FAHU's/FCU, Heat Pump as well as large-sized Chiller units.

**01.** Our Maintenance Contracts offer 24/7, 365 days per year emergency call cover for your Air Conditioning & Refrigeration systems and help with:

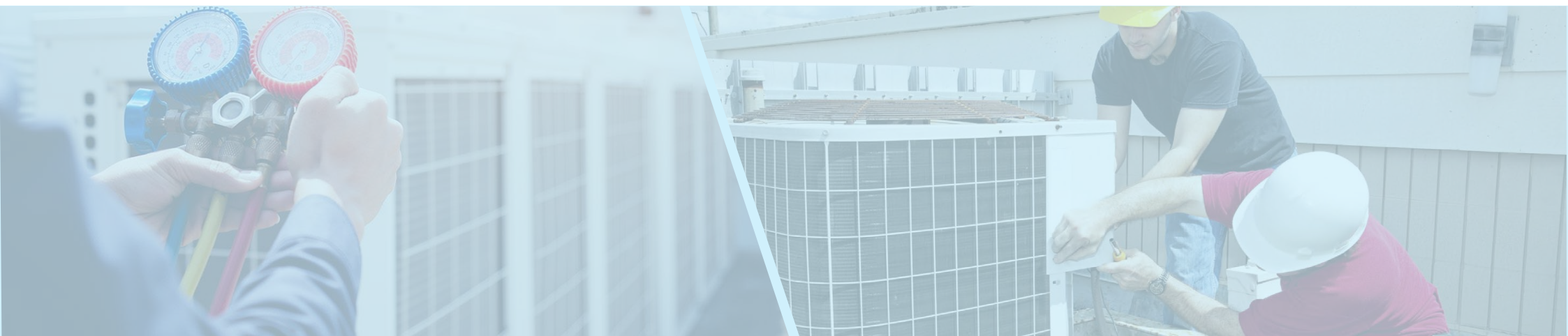
- ✓ Extending the life of your equipment
- ✓ Minimizing your running costs and increase energy efficiency
- ✓ Reducing the risk of product loss or halts in production
- ✓ Reducing the risk of breakdown and replacement part costs
- ✓ Reducing your carbon footprint
- ✓ Ensuring compliance with all safety rules & regulations

**02.** Our professionals become an extension of your team, working with your staff every day.

**03.** Innovative Approaches to Preventative and Predictive Maintenance and Repairs.



- 04.** We offer a variety of customized planned maintenance programs and strategies, developed for individual facility needs, which deliver smooth, uninterrupted operations, reduce operational costs, prevent unexpected downtime, and increase efficiency.
- 05.** Our Operations and Maintenance Services technical experts manage and monitor customer facilities to create quality environments that support the work going on inside them.
- 06.** Our Advanced Predictive and Diagnostic Service compares the equipment's condition to the performance of similar equipment, and makes data-driven recommendations on improving efficiency.



- 07.** When systems fail, we provide expert HVAC Repair Services and respond quickly with experienced, safety-minded technicians that return facilities to normal operating conditions.
- 08.** We provide high-quality, cost-effective repairs and replacement parts for most major brands.
- 09.** We Protect critical assets by analysing performance and aligning preventative maintenance.



# Retrofit & Replacement

**01.** If your building experiences any of the following issues, it may be a prime target for a retrofit upgrade:

- ✓ Is the HVAC system over 15 years old?
- ✓ Are energy bills escalating without a logical explanation?
- ✓ Do building occupants lodge comfort complaints?
- ✓ Are repair costs continuously rising?
- ✓ Has the building developed an indoor air quality problem?

**02.** After detailed study of data and site condition, we will recommend whether to go for Retrofit or whole unit replacement or only replace parts like Compressor, Condenser Coil, Evaporator Coil or any other part.

**03.** Upon the client's approval, we will execute the job in a quiet and professional manner.



**(Before & After)**





**04.** As an exclusive service provider of M/s Dolphin Radiators & Cooling Systems, we cater to our client's needs for Retrofit or Replacement by offering the following services:

- o Changing with eco-friendly refrigerant
- o Airside economizer installation
- o Ductwork sealing or replacement
- o Replacement of semi-hermetic reciprocating compressors with high efficiency screw compressors
- o Adding condenser fan controls that incorporate variable-frequency drive operation
- o Adding demand-controlled ventilation
- o Installing supply fan speed controls & cooling capacity controls
- o Adding smart temperature and humidity controls
- o Installing CO2 sensors



**(Before & After)**



**05.** We will inspect and analyse the working of existing equipment and make detailed observations on parameters like room temperature, grill temperature, equipment's operational parameters etc.



# COATINGS

**01. *Thermoguard Coatings:*** Dolphin is the exclusive agent for the Thermoguard in the Middle East. One of the best anti-corrosive anti-bacterial polyurethane coatings available in the Middle East market. Thermoguard Coatings has proven to be the best long lasting UV resistance. Now with even more improved technology and proven application techniques, using a VOC Free product outranking other coating applications. Complete penetration and sealing of heat exchanger surface at its Fin/Tube interface. Urethane basis is very flexible coping with expansion and contraction. No heat transfer loss. The Thermoguard Coating has proved to be an energy saving & sustainability in CO2 Emission reduction

**THERMOGUARD**



**02. *Heresite Coatings:*** Heresite air-drying phenolic series coating are specially formulated to permit application by brush, spray or roller. Some of their outstanding properties are excellent durability, good adhesion, and good films. Recommended as a heavy-duty maintenance coating to splash, spillage and fumes. This coating protects the coil against not only the harsh climate, but also various corrosive fumes. Without having major loss on efficiency of the coils. A list of those chemicals can be supplied on request. Successful application include; all type of air conditioning and refrigeration coils, agricultural implements, chemical plants, sewage disposal, textile industries, and ventilating systems.

**HERESITE**  
PROTECTIVE COATINGS, LLC







# FIELDS



**Residential &  
Commercial Buildings**



**Industries &  
Power Plant**



**Cold Rooms**



**Hotels**



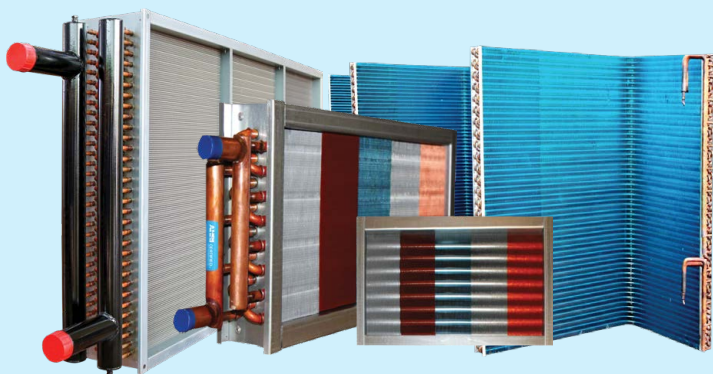
**Pharmaceuticals**



**Hospitals**



# PRODUCT LINE



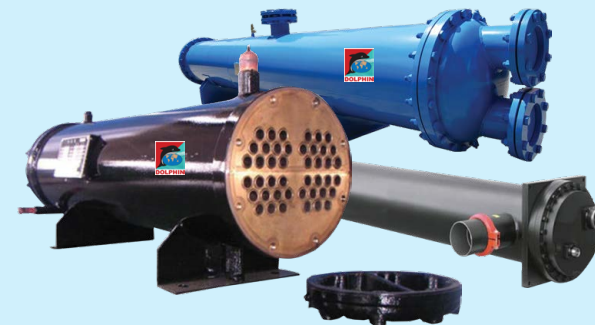
**HEAT EXCHANGERS FOR HVAC-R,  
MARINE & SPECIAL APPLICATIONS**



**CHILLERS**



**HEAT PUMPS**



**SHELL & TUBE HEAT EXCHANGERS  
(EVAPORATORS / CONDENSERS)**



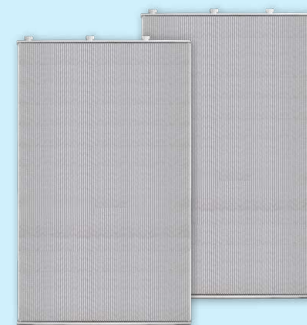
# PRODUCT LINE



COOLING TOWERS



PLATE HEAT  
EXCHANGER (PHEs)



MICRO CHANNEL  
HEAT EXCHANGERS



HEAT PIPE



# Global network at your service

Our International Sales team is at your service to provide customized solutions to fulfill all your needs & requirements. We are dedicated to providing you with the exceptional Dolphin experience. Contact Us:

## CORPORATE OFFICE

Middle East,  
Africa & Asia Pacific Sales Office

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