

شركة العفيفي للهندسة والتجارة ذ.م.م.

AL AFIFI ENGINEERING & TRADING CO. W.L.L.

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Email : ac@afifiqatar.com, afifiant@gmail.com, afifiant@qatar.net.qa, Web.: www.afifiqatar.com



A Leading and Pioneer Company in manufacturing of replacement condenser/evaporator coils for all types of Air-Conditioning Units since 1998.

Overhauling/Repairing all types of Heat Exchangers, HVAC Compressors (Carrier, York, Trane, Bitzer, Copeland, etc.)

Supplier of all types of Air Filters, Spare parts of HVAC System.

HVAC Contractors for Installation / Maintenance.



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In 1986, Al Afifi started the installation, maintenance, contracting and supplying of air conditioners, refrigeration equipments, its related mechanical and electrical equipments in Doha. Towards the commitment of work and customer's need, we started manufacturing of condenser / cooling coils in 1998. We are proud that on completing 26 years of existence, Al Afifi has grown as one of the leading contributor in the field of industrial air conditioning in Doha. It is our great pleasure to offer our continuing and new services for your future needs in air conditioning field.

Our experienced work force is familiar with,

- Installation and maintenance procedures of all types of air conditioning and refrigeration equipments.
- Manufacture of all types of condenser / cooling coils for HVAC system (Air-Conditioning & Refrigeration) and dryers.
- Anti-Corrosive coating for coils.
- Re-tubing and servicing of heat exchangers.
- Heavy duty compressor overhauling.
- Chilled water piping fabricators and installers by certified welders & fitters.
- Refrigerant copper piping installation and brazing with certified welders.
- Qualified duct & pipe cladding fabricators and erectors to handle all type of fabrication according to laid out standard installation practices.

Supplier of

- Rubber pipe supports & antivibration pads made from natural rubber in India.
- Manufacturers/ Supplier of various types of air filters for HVAC system including carbon filters.
- Various type of Industrial fan/ blowers
- Different types of stainless steel wire ropes and accessories.
- Evaporative cooling systems (Cooling Pad) for farms.
- HVAC spare parts & Compressor parts.

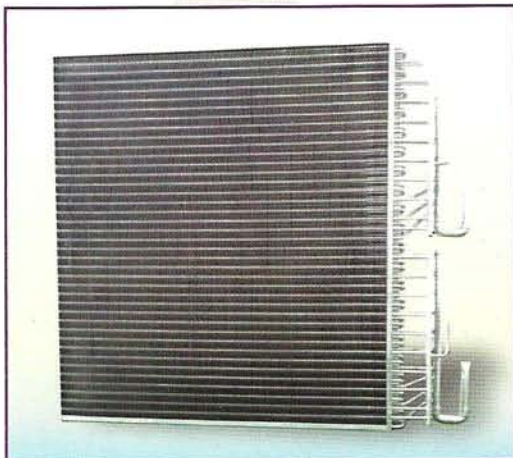


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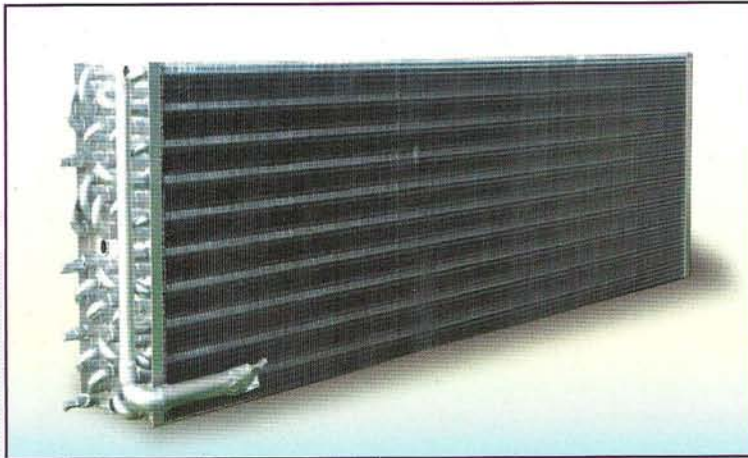
AL AFIFI ENGINEERING & TRADING CO. W.L.L.

FABRICATION, SUPPLY & INSTALLATION OF EVAPORATOR/COOLING COILS & CONDENSER COILS

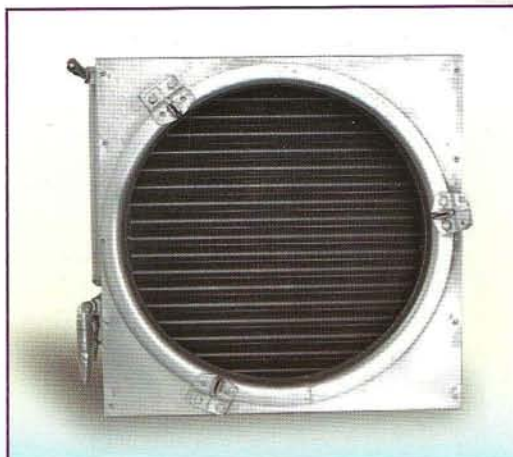
- Manufactures of replacement cooling/condenser coils for all types of air conditioning units.
- Well equipped and experienced manpower for manufacturing coils of any range, make & dimension.
- For special requirement, our products are supplied with anti corrosive protective coating (**CORRO COAT**) having a standard warrantee.
- We are doing HERASITE COATING also.



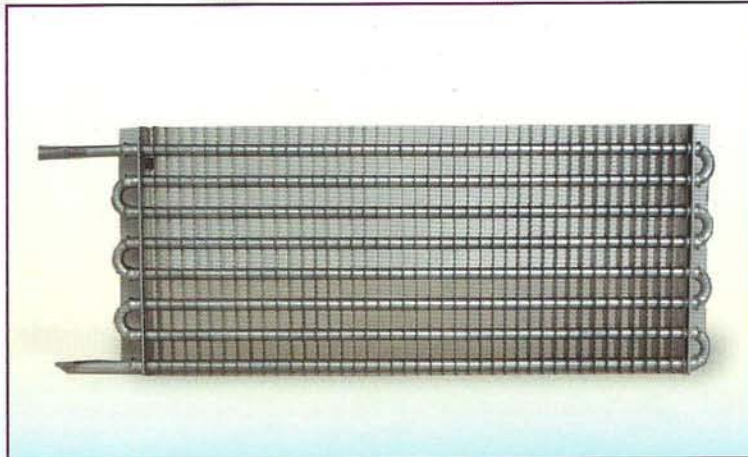
Condenser Coil for Package A/C



Evaporator / Cooling Coil for Air Handling Unit



Condenser Coils for Refrigeration Unit



Cooling Coil for Refrigeration Freezer



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ANTICORROSIVE COIL COATING (CORRO COAT)

Corro Coat is a special combination of chemicals with hardener used for metal surface coating applications. It is highly recommended to use against oxidation, corrosion and moisture problems in heat exchangers, condenser/cooling coils, air conditioner terminals located in polluted area, seashore and off shore. Its specifications are listed below.

SPECIFICATIONS

Service Temperature

- Minimum : 20°F
- Maximum : 270°F

Physical Content

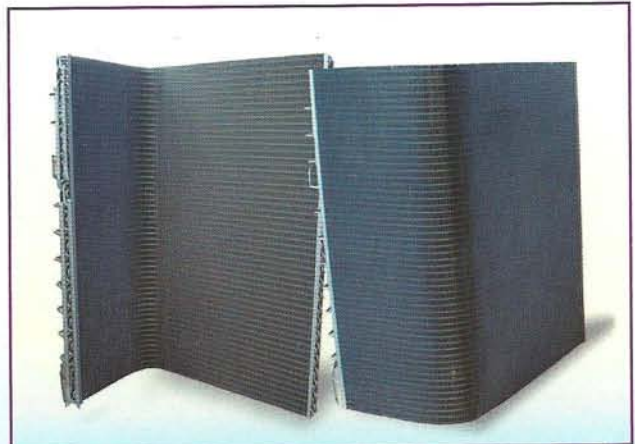
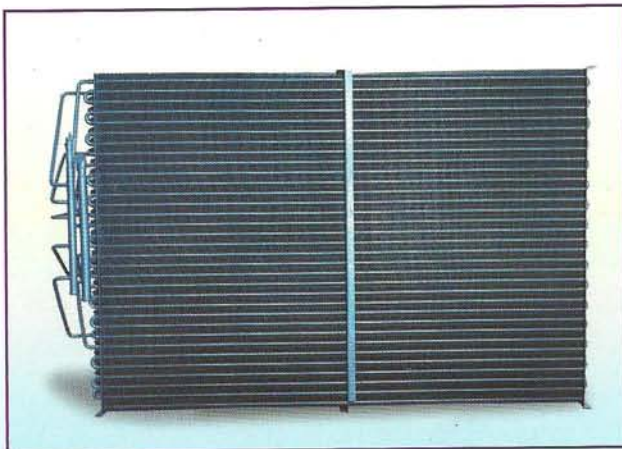
- Colour : Metallic Blue
- Finish : Semi Gloss
- Volume of Solids : 38%
- Specific Gravity : 0.85 kg/L.

Method of application

- Air Less Spray
- Spray Pressure : 4/6 bar
- Cure Time : Dust free – 35 Minutes, to handle 4 –5 hours
- Cure Temperature : Through dry at 20°C – 20 Hours at 60°C - 2 Hours
- Total dry film thickness : 3 to 4 mils
- Over Coat / Recoat : 8 Hours

Coating

- Primary Coat : De-Moistration Solvent
- Secondary : Corro Coat



Anti Corrosive Coated Coils



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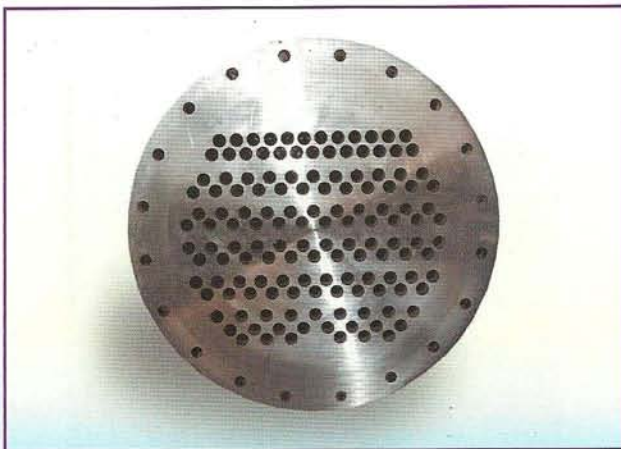
AL AFIFI ENGINEERING & TRADING CO. W.L.L.

REPAIR AND MAINTENANCE OF HEAT EXCHANGERS

- Our well equipped and experienced manpower provide all types of repairing / replacement of shell and tube heat exchangers and tube bundles.
- Supply of alloy tubes like copper nickel, brass, aluminum brass, S/S, titanium and other varieties.

List of few companies for whom the re-tubing is done

- CCIC
- DIWAN AMIRI
- RAS GAS OFFSHORE
- QAFCO
- QAPCO
- SOCOTHERM
- TRAGS
- TRANSFIELD MANNAI
- OCCIDENTAL PETROLEUM
- QATAR COOL
- QATAR ELECTRICITY & WATER COMPANY (QEWG)



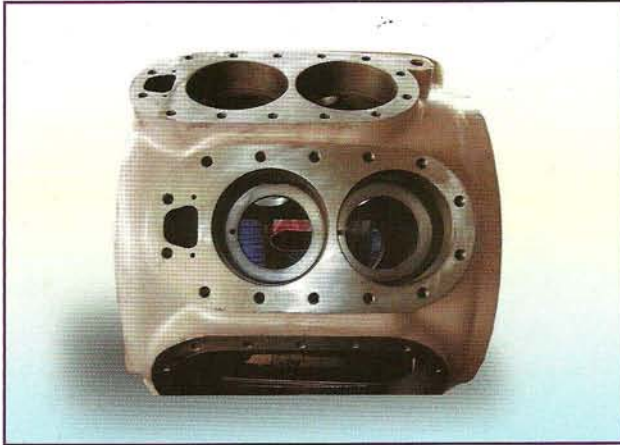


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AL AFIFI ENGINEERING & TRADING CO. W.L.L.

OVERHAULING OF HVAC COMPRESSORS

- Overhauling of all types of HVAC compressors (Copeland, Bitzer, Trane, Carrier, York, McQuay etc).
- Supply of brand new and overhauled compressors as per the requirements.
- Supply of spare parts for various models of compressors. (Copeland, Bitzer, Trane, Carrier York McQuay etc.)





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REFRIGERANT COPPER PIPING

We offer fabrication and installation of refrigerant copper pipes with our certified and qualified brazing technicians. Some of our successfully completed projects are listed below :



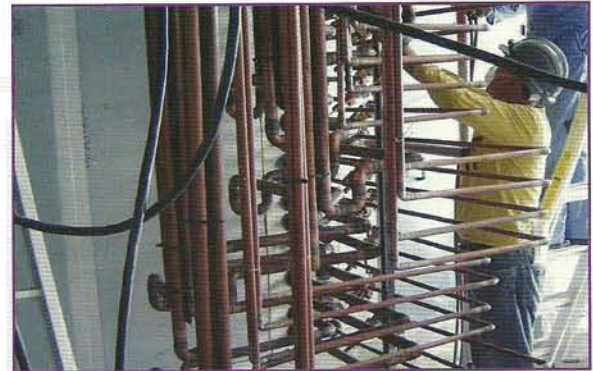
RLPC Power (Ras Laffan) under Kettaneh



Refinery NODCO LAB expansion project



**Ras Abu Fontas Power Station - for MIDMAC
ABB Power Corporation**



**Qatar Petroleum -(MidMac) Dukhan/Ummbab
Projects, Pumping Station**



**Fluor Mid East Ltd. RL(3) off Plot Project
Ras Laffan Industrial City**



**Q-POWER Project, Ras Laffan for
SIEMENS**



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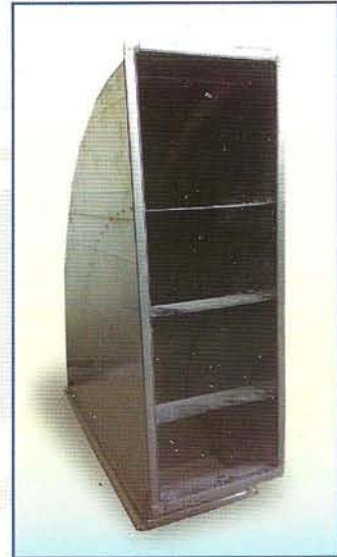
AL AFIFI ENGINEERING & TRADING CO. W.L.L.

AIR DUCT MANUFACTURING & ERECTION

Supply & Installation (Erection) of different types of Air Ducts as per the requirements. Fabrication by our qualified fabricators follows DW 144 standard.

Our clients:

- RLPC - Ras Laffan
- QCON - ORYX GTL Ras Laffan
- Siemens/M+W Zander - Q-Power Project RasLaffan-KAT065 Ras Laffan B combine cycle and power plant
- Astaldi Arabia - RASGAS (FLUOR Project) - RL(3) OFFPLOT Project
- Doha International Airport
- Q-Tel various sites / Stations.
- Ashgal (Public Work Authority) various sites.
- Hamad Medical Corporation.





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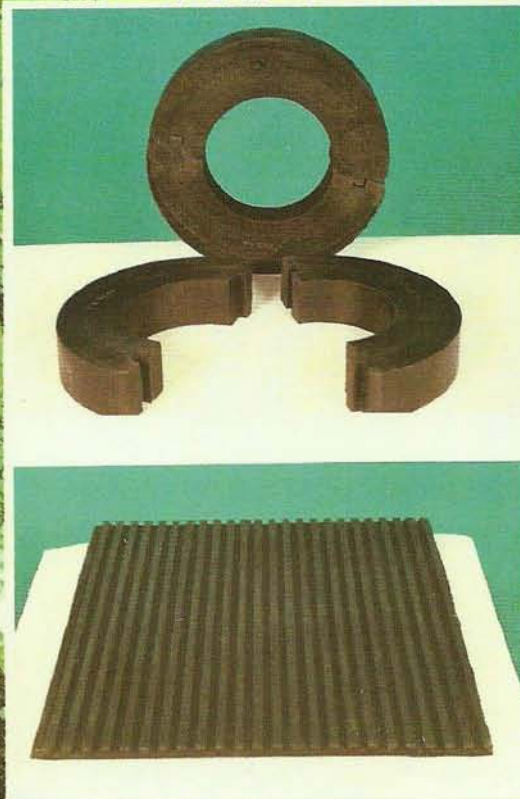
ANTI-VIBRATION RUBBER PARTS FOR PIPING

Anti Vibration Rubber Pad

- It can be used for any type of Air condition units, Mechanical / Electrical machines, Generators etc.
- Hard rubber in black colour with wide deep groove on both sides to be used as anti vibration mounting pad sheets
- Pressure holding capacity : 2500 PSI
- Heat resistance up to 20°C to 100°C
- Density : 1180Kg./M³
- Hardness : 70 IRHD (International Rubber Hardness Degree)
- Eco friendly
- Ranges : 18"x 18"x 3/4", Weight : 8.6 Pounds (3.900 Kg.)
- 18"x18"x 3/8" Weight : 4.2 Pounds (1.900 Kg.)

Rubber Pipe Support

- Manufactured in natural rubber to support insulated A. C. pipe lines without crushing the insulation
- Minimise transmission of noise and vibration from pipe to building structure
- Prevent condensation on hangers and supports
- Dimensionally accurate - Machine Moulded With tongue and groove joints
- Pressure Holding Capacity : 1500 PSI
- Density : 1150 Kg. / M³
- Hardness : 75 IRHD (International Rubber Hardness Degree)
- Operating temperature - 20° C to 110°C
- Eco Friendly
- Ranges : 3/4" to 12" BS Standard M. S. Pipe (Other sizes available on request.)





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AIR FILTERS

We offer a variety of air filters which are assembling and supplying according to the area of application. Some of them are given below.

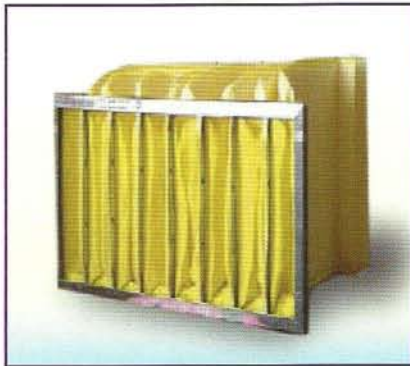
POCKET FILTERS : For low, medium and high efficiency applications. Using as a pre filter or final filter in Hospitals, Clinics, Schools, Commercial Buildings and Power Plants.

HEPA (High Efficiency Particulate Air) FILTER : To remove micro fine particles from the surrounding air. Using in hospitals, sensitive manufacturing processes, pharmaceutical, food industries and also in clean room application.

SYNTHETIC FILTERS : Using in industrial and commercial buildings where more dust accumulation is present.

ALUMINUM FILTERS : For the collection of big particles of dust. It is also used in corrosive atmospheres.

ACTIVATED CARBON FILTERS : Available in granules, flakes and pellet forms and mat pleated forms of contaminant gases and compounds with lower molecular weight.



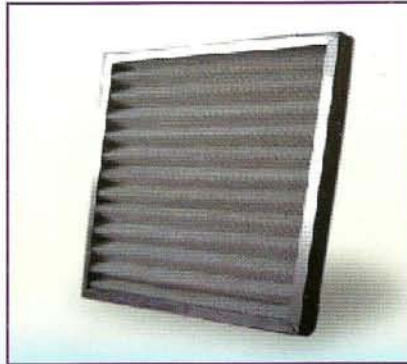
BAG Filters



HEPA Filter



Synthetic Flat Filter



Synthetic Pleated Filter



Aluminum Filter



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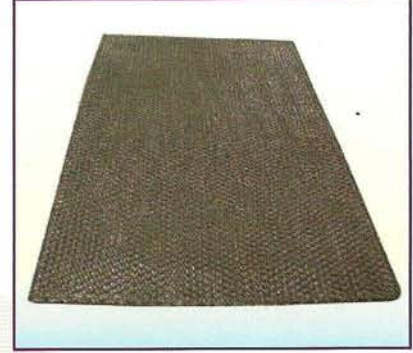
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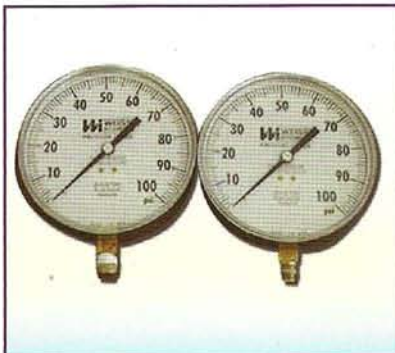
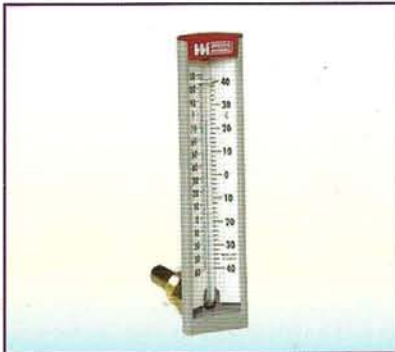
**SYNTHETIC MEDIA PREFILTER
ROLL WASHABLE TYPE**



ACTIVATED CARBON FILTER



**ALUMINIUM MEDIA FILTER
SHEET**



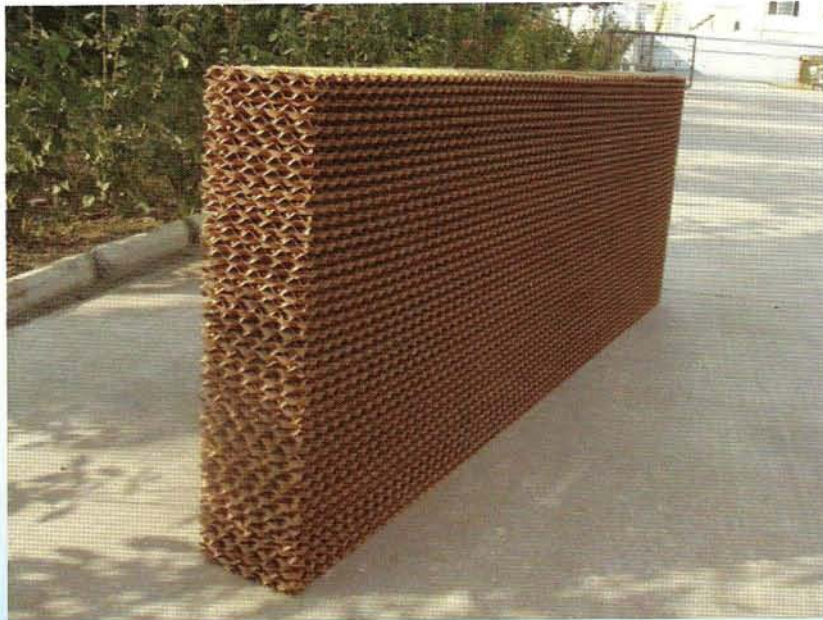
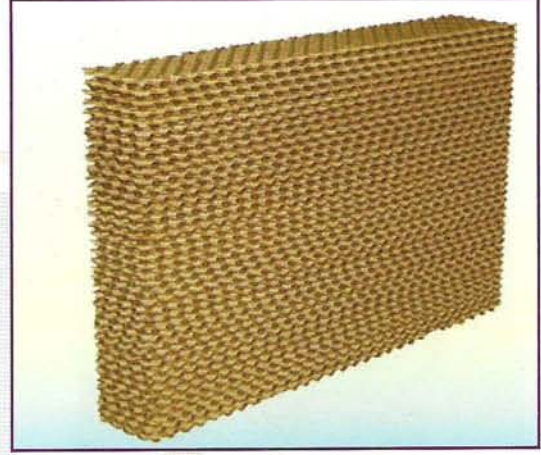
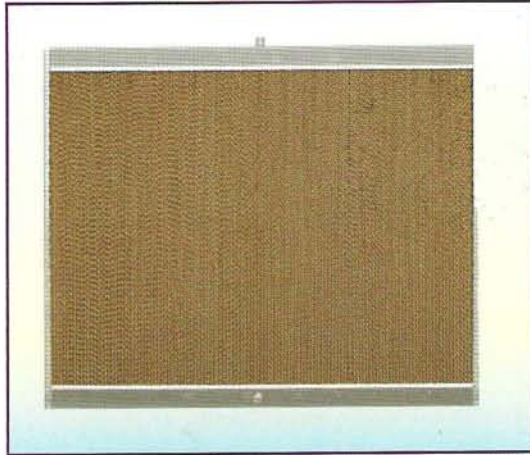
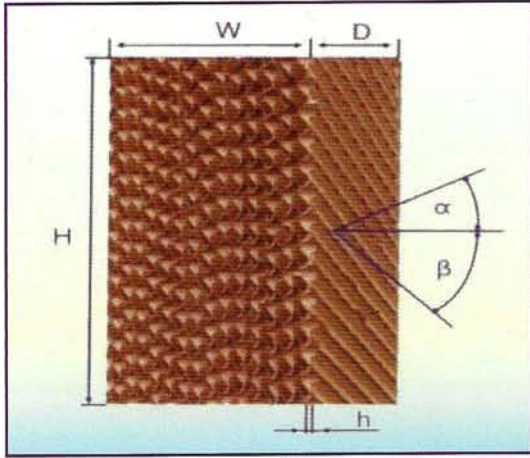
Supplier of : Temperature Meter Thermometer & Chilled Water accessories -
Diaphragm Gauges , Utility Gauges , Speciality Gauges , Liquid Filled Guges , Industrial Thermometers,
Dial Thermometers Panel Mount Thermometers , Test Instruments , Accessories



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EVAPORATIVE COOLING PADS





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Some of our prestigious clients are,

Authority/ Client/ Department	Description of Work
1. ABB Power Corporation, QWEC	Installation of Refrigerant Piping
2. Abdullah Abdul Ghani & Bros (TOYOTA)	Replacement of Condenser coils
3. Arab Qatari Poultry	Supply of Evaporative cooling pad, Condenser coils and condenser fans
4. Arabian Air conditioning, Doha	Overhauling of Compressor
5. ASHGHAL, Doha	Supply of Condenser coils/Cooling Coils. Stainless
6. Astaldi Arabia & Naser Al Hajri,	Steel Heat Exchangers & Overhauling of Compressors
7. Floor Project, Ras Laffan.	Supply of A/C units & Water coolers with Anti corrosive coating for P.S
8. Carrier Qatar	30/40 & STW's
9. CCIC	Supply & Installation of Package A/C units with Anti Corrosive coating for PS 13.
10. Doha Admin Tower	Installation of Refrigerant Piping, Ducting & cladding
11. Doha Bank	Anti Corrosive Coating of Condenser coils, Supply of Condenser coils
12. Doha International Airport	Overhauling of Compressor, Supply of HVAC spare parts.
13. EMCO Qatar	Chiller Installation (Al-Asmakh Real Estate)
14. GS/LG, Qatar Petroleum, Mesaieed.	Installation of split A/C units
15. Hamad Medical Corporation, Doha	Replacement of Condenser coils
16. HH. SH. Abdullah Bin Khalifa Al Thani Private Villa	Installation of Package A/C Units, Replacement of condensor / Cooling
17. Hyatt Plaza, Doha	coils. Supply of HVAC Parts
18. Hotel Sofitel	Overhauling of Compressor, Supply of Condenser/Cooling coils & HVAC
19. JGC/Taisei Corporation, Dolphin Energy, Ras Laffan	spare parts.
20. JGC - Taisei Corporation	Installation of A/C system and Refrigerant Piping
21. Katara Hospitality, Doha	Installation & Commissioning of Package A/C unit
22. Katara Valley, Doha	Installation of Free Standing A/C Units.
23. Kentec Qatar (Qatalum Project), Mesaieed	Supply & Installation of Sand Trap Louvers at AHU Plant rooms
24. Kettaneh Construction, Pearl GTL Project, Ras Laffan	Installation of Chiller units
25. Krupp Udhe, QAFCO project, Mesaieed	Supply & Installation of Package A/c Units
26. Landmark Doha	Replacement of AHU's, Cleaning of Cooling coils & erection of ducting works
27. LG/YORK, Qatar Petroleum, Mesaieed	'SKM' Chiller Installation complete with chilled water piping.
28. Marriott Hotels, Doha	Fabrication & Installation of Chiller Units, Refrigerant piping and Gas charging.
29. MIDMAC Contracting, QWEC	Fabrication & Installation of Refrigerant Copper Pipes.
30. Ministry of Municipal Affairs, Doha	Replacement of Chiller units
31. Ministry of Municipal Affairs	Supply of Air Filters
32. Occidental Petroleum	Installation of Refrigerant Piping
33. Qatar Airways, Doha	Installation, Refrigerant piping & Commissioning
34. Qatar Armed Forces	Modification of Piping, Installation & Commissioning of HVAC Systems.
35. Qatar Gas, Ras Laffan	Replacement of Condenser coils
36. Qatar National Bank (QNB), Doha	Installation of Refrigerant Piping & Modification of Evaporator coil
37. Qatar National Cement Company	Replacement of Air Filters
38. Qatar Petroleum, Dukhan	Installation of A/C system and Refrigerant Piping
39. Qatar Petroleum, Mesaieed	Repairing of A/c units
40. Qatar	Repairing of Air Conditioning Unit
41. Qatar University, Doha	Re tubing of Heat Exchangers
42. Qatar Port Management Authority	Replacement of Condenser coils
43. Q-TEL, Doha	Replacement of Condenser coils
44. QCON	Replacement of Condenser coils
45. QEWC (Qatar Electricity & Water Company)	Retubing of Heat Exchangers, Replacement of Condenser coils
46. QWEC, Wakhra Power Station.	Installation of Refrigerant Piping
47. Radisson Blu (Ramada Hotel) , Doha	Installation of Condenser Coil and Re-Tubing of Heat Exchangers.
48. Ras Abu Fontas - Midmac / ABB	Replacement of Condenser coils
49. Ras Gas - Siemens	Installation Refrigeration Piping (For ABB Power Corporation)
50. Refinery NODCO QP Lab. Project - GS/LG	Stolway-Commissioning of HVAC's for gas analyzer.
51. Refinery L.G / York NODCO	Installation of Refrigerant Piping
52. Royal Embassy of Saudi Arabia, Doha	Installation of Refrigerant Piping / Modification work of evaporator Coil.
53. SIEMENS, QWEC	Rental of Chiller units
54. SIEMENS/M+W Zander, Qatar Power, Ras Laffan.	Commissioning of Stolway HVAC Unit
55. Supreme Council of Health	Combine cycle and Power plant installation of HVAC, Refrigerant piping
56. TRAGS Electrical, Doha	and Ducting
U.S. Base, Doha	Modification of A/c Steel Fabrication works in ASHGHAL Building
	Overhauling of Compressor, Supply & replacement of Condenser/Cooling
	coils & HVAC spare parts.
	Installation & Commissioning of HVAC System



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