



Subsidiary of 

COOLING / HEATING COILS





The Largest Air Conditioning Equipment Manufacturer

COMPANY PROFILE

Cool Point is a subsidiary of M/s Cool Industries (Pvt.) Limited, leading manufacturer of Deep Freezers, Refrigerators and Split Air Conditioners in Pakistan of renowned brand .

On a modest level, Cool Point has grown into one of the prime Manufacturers of Air Conditioners & Coils in Pakistan. Our professional staff and dedicated management is fully committed to quality and service of its products. Our system is certified for ISO 9001:2000 Standards.

We possess the latest machinery and technology required for production of high quality products. Our team of professional engineers and technical staff is capable of responding to the market's most expecting demands for that we are continuously struggling to improve our manufacturing capabilities and quality to become the leader of the market.

We have efficient network of After Sales Services throughout the country for the entire satisfaction of our customers.

COOL POINT Introduces new phenomenon of Water Cooled Air Conditioning Systems in small capacity units (1-Ton, 1.5-Ton, 2-Ton and 2.5-Ton)

Main features of this unit are as follows.

- Compact and wire less remote operated unit, suitable for installation at your desired location.
- Water-Cooled condenser.
- Suitable to place Indoor or in congested areas where ordinary units cannot be installed.
- Available in capacities of 1-Ton, 1.5-Ton, 2-Ton and 2.5-Ton.

We believe in providing high quality Air conditioning equipment with excellent and efficient back up of after sales services along with availability of spare parts for the utmost satisfaction of our clients. Moreover, we also enjoy the honour of high quality air cooled Air conditioning systems ranging from 5-HP to 50-HP in Self Contained Package Type Units, Split Units, Floor Standing Units and Concealed Type FCUs.

Engineering Team

We have highly experienced Engineering team with 5 to 30 years of experience in HVAC systems. Our experts have worked on Absorption Chillers (Direct / Indirect fired), Centrifugal Chillers and Reciprocating Chillers etc ranging up to 2000 tons capacity.



Cool Point coils feature continuous plate type fins and staggered tube arrangements. This design provides the best engineering balance between heat transfer, air flow resistance, strength and maintenance. Each tube is supported across its entire length by the fins; thereby providing a rigid coil of unmatched strength and durability.



For the usual application of heat transfer, coils are made of copper headers and tubes, with aluminum fins and galvanized steel frames.



Coil frames are designed to support the finned core, and prevent strains caused by expansion and contraction of finned core. Heavy gauge galvanized steel tube sheets are provided with drawn collars to prevent wearing and chafing of tubes.

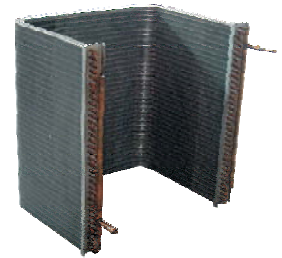
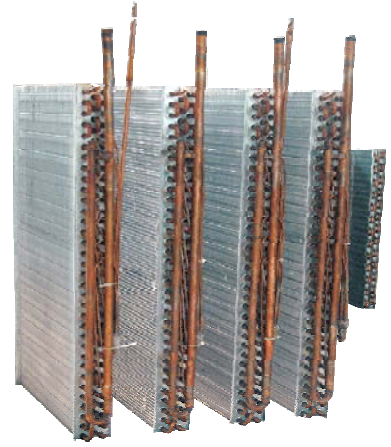


DX Type Coils

Coils are available in sizes from 1 to 16 rows of tubes in direction of air flow, 4 to 44 tubes per tow. These variations provide economical selections when considering all the application requirements: cost, space limitations, pressure drop, heat transfer and maintenance. Consult the factory for custom sizes and construction.

Various protective coatings are also available including phenolic, hot dip galvanizing and tinning. Many other materials and coatings can be furnished.

Frames can be made of other materials and with special features, such as airtight enclosures for headers and return bends, integral drain pans and to other than standard dimensions. Duct mounting holes are available as an option.



Coil Manufacturing

All types and sizes of coils are made with Imported material on fully automatic CNC machines. These coils are being used for manufacturing of water coolers, Air conditioners and for the replacement in standard and custom made AC units from 3/8" and 5/8" Copper tubes.

Facilities available on turn key basis as well



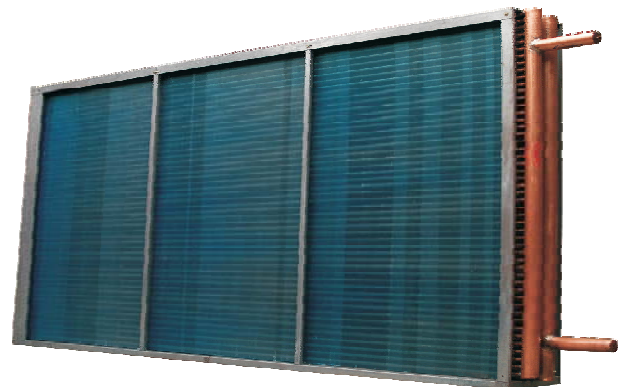
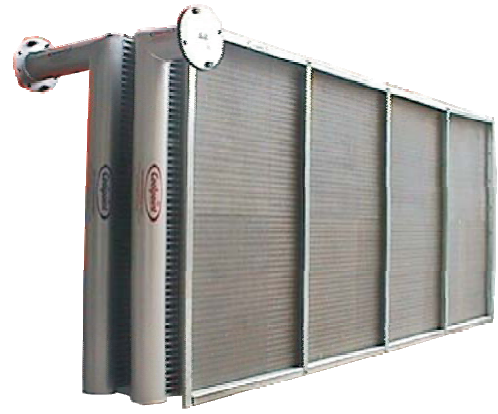
Water Cooling / Heating coils

All kind and sizes of water cooling/ heating coils are available. Headering provides coils with multiple continuous serpentine circuits. Full tube size return bends are used to minimize fluid friction. Headers are correctly sized for each application to provide uniform distribution to all coil circuits. Connections have vent or drain plugs. Standard coils have copper headers, return binds and tubes; and are designed for operating temperatures to 375 degF and pressure to 200. Special construction for higher pressures and temperatures can be furnished on request.

LOAD METHOD

Maximum G.P.M	Nominal Pipe Diameter
9	3/4"
15	1"
38	1.5"
73	2"
120	2.5"
210	3"
300	3.5"

Note: Based on ASHRAE
Friction Loss in Commercial
Pipe. (10 ft/100 ft)



Automatic
Brazing
Plant





Steam Heating Coils

All steam heating coils shall be of the staggered tube, continuous plate fin type assuring maximum heat transfer and a structurally sturdy fin tube bundle that prevent failure due to tube sagging and tube vibrations in the airstream as well as facilitating easier coil cleaning. Seamless tubes shall be expanded into the fins to form a permanent primary to secondary surface bond as well as to verify the overall strength integrity of the tubing.

Supply headers shall incorporate an inner steam baffle to evenly distribute steam to all coil tubes. Condensate headers shall be sized to handle full design condensate load.

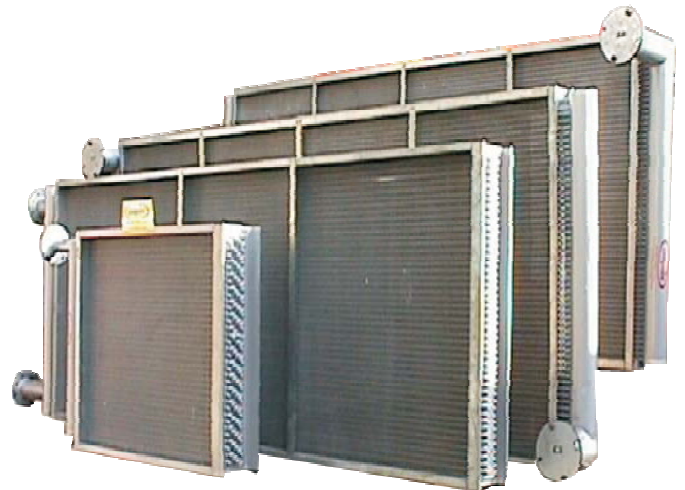
Coil casings shall be fabricated from galvanized steel with intermediate tube supports for additional support of the fin tube assembly.

All copper and copper alloy joints shall be hand brazed with brazing material containing a minimum of 5% silver. Brazed joints involving any steel shall be hand brazed with brazing material containing a minimum of 30% silver. Oven brazing or any brazing method employing the brazing material in pre-proportioned rings is not acceptable.

Copper tubes being used: 3/8" with 27, 29, 30 gauge size and 5/8" with 24-22 gauge size.

Copper tube of 0.5 in is also an option.
Fin thickness option available: 0.15 mm for 3/8" and 0.2 mm for 5/8".

Fin types available: Plane, Corrugated and Louver.



Pakistan's largest manufacturer of **Air-conditioning** equipments



Equipment is manufactured on latest CNC machines with prompt deliveries

Clients are welcome to visit our facilities & to discuss technical details.

MAJOR CLIENTS

Pakistan Atomic Energy Commission
Pakistan Military
Pakistan Steel Mills, Khl.
PTCL, Lhr.
Pakistan Broad Casting
Pakistan Railways
Combined Military Hospital
Arty Mess, Nowshera
Karachi Nuclear Power Complex
Karachi Electric Supply Corp.
Siza International Pvt. Ltd.

University of the Punjab
Pakistan International Airlines
Allama Iqbal International Airport
Mashriq TV
Gymkhana Club Lahore
Glaxo Welcome Pakistan
Salt-n-Pepper Village
Pizza Hut Lahore
Pizza Hut Peshawar
Pizza Hut Multan
Pizza Hut Faisalabad
WAPDA Hospital

Shezan Bakers
State Bank of Pakistan
Aneeb Pharmaceutical, Lhr.
Dyson Laboratories, Lhr.
Packages Limited, Lhr.
Nishat Mills Faisalabad
Nishat Dying & Finishing, Lhr.
Raazee Therapeutics
Telephone Industries Pakistan
Shifa International Hospital
Islamabad
H Karim Bakhsh Lahore

H Nizam Din & Sons, Karachi
Dynamic Sportswear Lahore
ICI Paints
Highnoon Laboratories Lahore
Master Textiles Ltd, Lahore
Pakistan Cables
Orix Leasing Pak Ltd.
Irfan Textiles
Bata Pakistan
Fazal Din & Sons

Provides Turnkey Projects, starting from conceptual planning till the commissioning of HVACR projects

- Heat Load Calculations.
- HVAC System Concept & Design.
- Supply of HVAC Equipment.
- Installation.
- Testing & Commissioning.
- Operation & Maintenance

Display Centers

LAHORE: Shop No-13, Ground Floor, Raja Chamber, 35-Fatima Jinah Road. Ph: 042-7534623-4

159-Karim Block, Alama Iqbal Town, Main Wahdat Road. Ph: 042-111-45-46-47

KARACHI: Hashmi Electronics Market, Abdullah Haroon Road. Ph: 021-7727743-4

ISLAMABAD: Yasin Plaza, opp. Saudi Pak Tower, Blue Area. Ph: 051-2873827

FAISALABAD: Kotwali Road, opp. Thana Kotwali. Ph: 041-601684

MULTAN: Main Market, Hussain Agahi Road.

After Sales Offices

LAHORE: 10-Km. Multan Road, Near PSO Petrol Pump, Hanjarwal, Ph: (042) 5435415-18 Fax: (042) 5420569
UAN: 111-31-32-33

KARACHI: 209-Burhani Chambers, Abdullah Haroon Rd. Saddar, Ph: 7731234, 7771498 Fax: 7726789

Service Centre: 18, Hashim Square Chandni Chowk, Vegetable Market, Stadium Road, Ph: (021) 4931061, 4931056, 4931064 UAN: 111-31-32-33 Fax: 4913104

GUJRAT: Jalalpur Jata Road, Behind Chaudhary Zahoor Elahi Stadium, Saleemi Colony, Ph: (0433) 516651
UAN: 111-31-32-33 Fax: 516651

QUETTA: 3-D, Phase II, Shahbaz Town, Ph: (081) 831188 827956 UAN: 111-31-32-33 Fax: 831188

HYDERABAD: Shop No.16, Al-Amna Complex, Alamgir Road, Civil Lines, Ph: (0221) 784932-33
UAN: 111-31-32-33 Fax: 784934

SUKKUR: Merhaba Centre, Opp. Qasim Park, Ph: (071) 23928, 24255, 24182
UAN: 111-31-32-33 Fax: 22060

MULTAN: 769-D, Munir Abad Colony, Aqab Multan (Shell) Petrol Pump, Khanewal Road, Ph: (061) 556495, 774536
UAN: 111-31-32-33 Fax: 556495

D.G. KHAN: Badozi Plaza, Traffic Chowk, Ph: (0641) 461660 UAN: 111-31-32-33 Fax: 461660

BAHAWALPUR: Shop No.1, Civic Centre, Trust Colony, Ph: (0621) 880750 UAN: 111-31-32-33 Fax: 880750

SAHIWAL: 2-Church Road, opposite Iras cinema, Ph: (0441) 62488 UAN: 111-31-32-33 Fax: 62488

GUJRANWALA: 216 - B, Chandni Chowk, Model Town, Ph: (0431) 299606, UAN: 111-31-32-33 Fax: 259515

SIALKOT: 58-A, Toor Road, Opp. Govt. Islamia College, Ph: (0432) 598272, 601226 Fax: 598272
UAN: 111-31-32-33

FAISALABAD: P-364, Corner Dost Street, Opp. Gole Masjid, Samundari Road, Ph: (041) 543889 UAN: 111-31-32-33 Fax: 739880

SARGODHA: 37-A, Islamabad Colony, PAF Road, Ph: (0451) 725082 UAN: 111-31-32-33 Fax: 723691

RAWALPINDI: 14-B-1, Habib Plaza, Chandani Chowk, Satellite Town, Ph: (051) 4451600, 4845600, 4843600
UAN: 111-31-32-33 Fax: 4845600

PESHAWAR: 8, 1st Floor, Block C, Cantonment Plaza, Saddar Road, Cantt. Ph: (091) 279353
UAN: 111-31-32-33 Fax: 279353



We are specialized in manufacturing of following products:

Manufacturing of Customized Units for

Factories, Hospitals, Hotels, Banks, Offices, Multistoried Buildings, Commercial Complex, Bungalows and Flats.

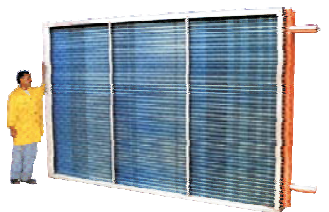
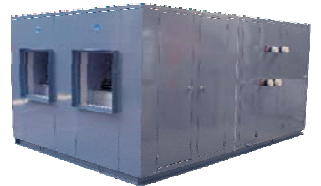
- Wall Mounted Type Split Unit.
- Ceiling Concealed Type Split Unit.
- Cassette Type Split Unit.
- Floor Standing Type Split Unit.
- Universal Type Split Unit.
- Ducted Type Split Unit.

AVAILABLE FACILITIES ON TURN KEY BASIS

Designing, Manufacturing and Installation of all types of Air Conditioning Units. Package Type Units, Ducted Type Split Unit, Chillers, Fan Coils and Air Handling Units.

COILS MANUFACTURING

All types and sizes of coils are made with imported materials on fully automatic CNC machines. These coils are being used for manufacturing of water Coolers, Air Conditioners and for the replacements in standard and custom made AC units from 3/8" and 5/8" Copper Tube.



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