



Refrigeration Products

BRAND OF SWASTIK ENTERPRISE

CHILLING PLANT



Swastik Enterprise

Address: 7, Parmeshwar Industrial Estate-2, Opposite HDFC Bank, GIDC,Phase, Vatva,
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Brine Chilling Plants

This **Water Cooled Brine Chillers** is designed for Chemical, Pharma, wineries & food industries. Design and developed with latest technology to deliver optimum performance at lower operating cost. We provide high level of customization enabling us to meet the customer requirement by providing the right product for different applications.

Swastik Enterprise makes Brine Chillers for application demanding temperatures ranging from + 0 Deg °C to -50 Deg °C. Our Brine Chillers are unbelievably compact and modern. The Use of hermetically sealed compressor form GEA, BOCK, FRASCOLD, Emerson, Bitzer and Copeland have made our chillers packages highly energy efficient



This system offers Water / Brine up to - 50 Deg °C for process cooling purpose using Screw / Reciprocating type compressors. The capacity ranges from 1 TR to 150 TR and multiples. The company executed more than 100 systems for process cooling requirement.

Technical Specification:



Brand	KANSID
Capacity	1 TR to 150 TR
Compressor Type	Hermetically Sealed Scroll Compressor/ Reciprocating/Screw
Refrigerant Used	R22/R407C/R404A
Temperature Range	-50 Deg °C to 20 Deg °C
Power supply	415 V -3 Phase- 50 Hz
Condenser Type	Water Cooled Condenser /Air cooled Condenser
Evaporator	Immersed Coil / BPHE/Shell and Tube
Tank Capacity	80 L to 10KL –As per Requirement
Fabrication and Colour Paint	With Corrosion Resistant Powder Coating
Application	Reactor Cooling, Food Industry, Beverage Factory, Chemical/Pharma Industries and Process Cooling
Compressor Brand	GEA, BOCK, FRASCOLD, Bitzer, Standard Make



Key Features of our Product

- Most economic solution
- Upgraded technical solution: Shell & Tube type heat exchanging method
- Compressors of the latest generation technology
- Easy achievement of temperatures as low as + 0 Deg °C to -50 Deg °C
- Manufactured & Design as per customer application.
- Housing with easy access to all components.



- Suction gas cooled fully hermetic compressor with crank case heating..
- Control panel, visual function & Digital temperature controller.
- Most advanced solution: Plate-type heat exchangers for evaporators and condensers (water-cooled)
- Can be provided with insulated brine storage tank & re-circulating pump
- Control panel, visual function & fault indicator, and Digital temperature controller.
- High / Low pressure gauges & Cutout with miniature circuit breaker systems.
- Function control of all main components with visual indication.
- Electrical cabinet accommodating all necessary power and control components.
- Low noise running and no pollution



SWASTIK ENTERPRISE

Manufacturer of all kind of Cold storage room / Commercial cold room



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SWASTIK ENTERPRISE

Cold storage room /Commercial cold room

We are a leading Manufacturer & Supplier of Cold Room such as Cold Storage Room, Commercial Cold Room, Prefabricated Cold Room, Storage Cold Room, Insulation Cold Room, Modular Cold Room and many more items from India.

Our services include complete turnkey solution and project management. Our tailor made and customized refrigeration solutions help our clients from different industries to enhance the life of their perishable products without any compromise on the look, feel, touch, taste and of course the quality.

Today, Swastik Enterprise provides end-to-end solutions for Cold Rooms and refrigeration. We are committed to providing products that not only satisfy customer needs but also add value to the equipment investment by reducing costs, improving productivity, ensuring reliability while emphasizing on food safety. The company strives to enable its customers in upgrading their businesses by passively impacting the way they attempt to achieve their own great purposes.



We are providing Cold Room / Cold Storage, which are constructed on large and small scale level. We have a long list of satisfied customer's right across the board. We have installed our cold rooms for different industry such as food processing, hospitality, warehouses, food retail, dairy & ice cream industry, floriculture, pharmaceuticals and many others. If you are looking for unmatched solution for your refrigeration needs, let's move forwards to satisfy your need.

We acts as an imagination, innovator, and implementer, that is why customers can get widest temp. Range in cold rooms from +20 to - 80°C. In our products humidity is a crucial factor to keep products extremely fresh for longer period of time Our experts always ensures humidity level as per products by using dehumidifier and ultrasonic humidifier.

Our services for modular cold rooms, large cold warehouses, freezer rooms, blast freezers, ripening chambers, pre-coolers, pack houses with wide range of PUF insulated wall, ceiling, floor panels and doors is appreciated on wide scale.



We offer a wide range of prefabricated cold storages and combinational rooms. Our cold rooms are designed for special applications and special temperature control. As per demands of various industries, we design cold storages that are widely used for chilling or freezing application. The user-friendly structure is a CFC-free refrigeration system, which facilitates efficient cooling, freezing of the chamber.

Each panel section incorporated with the high quality material. Doors are provided with magnetic gasket and for lower temperature below Zero heater in door gasket is being provided.

❖ AIR-COOLED & WATER-COOLED CONDENSING UNITS



Features:

- ❖ Compressor for three phases 230 V/1/50Hz with fitted starting device and run capacitor.
- ❖ Condenser with grooved copper tubes and Aluminium Fins.
- ❖ Generously sized liquid receiver High & Low pressure cut-out including mounting brackets, wired to terminal strip, Electrical wiring to the connection box IP65.

- ❖ Fans with especially efficient low noise external rotor motors single phase and three phase.
- ❖ High cooling capacity with reduced power consumption.
- ❖ Full exploitation of the finned package due to the careful matching of the high capacity external rotors fans.
- ❖ Designed for extremely high ambient condition up to 65°C/75°C.
- ❖ Copper pipe without any elbow coupler in single pipe with CNC bending machines.
- ❖ Special epoxy plus polyurethane metallic paint.
- ❖ Big size filters dryer, moisture indicator, solenoid valve, oil separator & accumulator.
- ❖ Shell & tube condenser made of copper and cupronickel (seawater resistant design) with newly developed tube geometry and low fouling profile on the coolant side.

❖ Evaporators / Inside Unit



- ❖ **Coil:** Use new high efficient aluminum wave fin, high heat conductivity, fast water discharge, use high efficient copper pipe, high heat transfer, use new type liquid distributor & uniform frost.
- ❖ **Fan:** Low cost, high reliability, lower temperature- resistant and low noise external Rotor fans.
- ❖ **Defrost:** Use electric heating stainless steel pipe, high leak proof at the end, anti-electric leakage and long life.

- ❖ **Casing:** Use aluminum plate and stainless steel or cold plastic spraying plate, nice appearance and durable
- ❖ **Maintenance:** Flexible to disassemble and lean
- ❖ **Service & food Industry:** special design for hotel & food industry.

❖ **COLD ROOM CONTROLLER:**

Electrical control panel is operator friendly designed, which provides better safety with following.



❖ Single Phase Preventer, which protect compressor from single phasing, phase failure and phase reversal.

❖ Overload Protector current Sensing Device with current relay. This Safeguards compressor motor from the overload.

❖ Miniature Circuit Breaker with 4-POLE, which safeguards the Condensing Unit from short circuit.

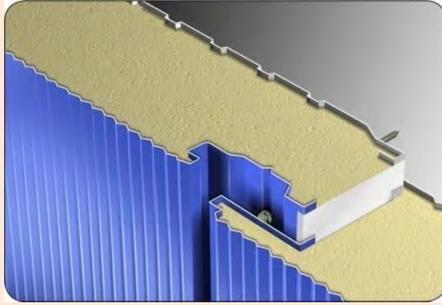
- ❖ Electrical controller to check voltage, ampere, frequency, phase to phase and phase to neutral voltage.
- ❖ Phase indicator with 3 nos. for Red, Yellow and Blue.
- ❖ ON/Off Buttons with Light Indicators. Auto & Manual Mode switch over button.
- ❖ Indicating lamp with 5 nos. of LED to help the operator to make out fault, also from distance. For thermal protection unit, L.P./H.P. cutout, heater on and oil pressure cut out.
- ❖ Contractor of standard makes 3 No.s Separate for Compressors, Indoor Fan & Heaters.
- ❖ All electrical cables are of standard make.
- ❖ Control Panel MCB used for protection of Electrical Panel.
- ❖ Microprocessor Based Controller with two Sensors used for cold room & evaporator coil to save life of cooling coil & defrosting electricity.

SWASTIK ENTERPRISE

Cold storage room /Commercial cold room

❖ PUF PANELS

Cold room panels have a lightweight, self-supporting, aluminum / GI-sandwich construction with special aluminum / GI profile as wall joints. They are extremely robust, corrosion-resistant, and have waterproof sealing.



Key Features:

These Cold rooms are designed & developed customized as per specific requirement of the customer.

These are fire retardant as per code, sheeted cabinet using high quality PUF insulation, minimizing the outside ambient temperature.

The panel Thickness can be made from 60 mm to 150 mm. with the maximum size of 1.2mtr X 6.5mtr.

Standard density of these PUF filled panels shelter is 40± 2k.g.however the same can be increased or decreased as per specific requirements.

❖ Cold Room Door :



Doors high quality cold room door of different thickness and sizes like overlap door, flush type door and sliding door using imported lock and hinges. With thermal break parameter to avoid thermal conductivity otherwise lead to ice formation. For viewing the inside without opening the door, to check if the door swing path is clear, view glass option is available.

❖ Cam lock & Hardware :



Cam locks Positive loc locking assemblies that provide perfect alignment of walls, ceiling, floor, corners and door frames.

Hardware & Positive seal closure with heavy-duty cast alloy handles and hinges with attractive brushed-chrome finish. Cushions are provided for

closing of door, making it noiseless and firmly shut.

❖ Flooring :



Useful to provide the result of an insulated regular floor and also to form a stable base for wall and partitions.

PUF slab with Kota stones are being used in big cold rooms with interior & exterior ramps.

A type of floors for various applications with Aluminum chequered plate / SS chequered plate for dry and light weight operations marine Plywood 12mm thick, Seamless Epoxy modified Polyurethane Flooring. Movement of material becomes easy due to use of ramp, without

causing any damage to floor.

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Cold storage room /Commercial cold room

❖ Dairy & Ice Cream Industry

We specialize in maintain accurate temperature for dairy and ice cream industry. Once the ice- cream melts then it becomes useless, so it is very necessary to understand need and then design cold room with multiple units so that customers always be at safer side. We design special units for blast freezing to achieve instant cold temperature. By this process, we can quickly hard ice-cream without hampering its flavor, texture, appearance and it also reduces crystal formation. We also design cold room for other critical dairy products such as butter, cheese, pannier and non dairy cream etc.



❖ Horticulture & Floriculture

We design cold room with highest quality & refrigeration system to maintain temperature, humidity level and air flow, which ensures freshness of fruits, vegetables, flower & other perishable products. To maintain freshness & blossom of flower it is very necessary to control the air flow speed, so to maintain this condition, we manufacture special kind of evaporators for their cold room.



❖ Hospital, Research Lab and Pharmaceutical Industry

Purpose of this industry is to store vaccine, blood samples, drugs, bio products and lots of chemicals. These cold rooms are designed with lot of safety factors like humidity and high & low- temperatures alarm to ensure that room conditions are maintained.



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Cold storage room /Commercial cold room

❖ Hotel Industry, Food Stores and Restaurant:

To understand actual need for the hospitality segment, we design special refrigeration system because of heavy usage & high frequency of door openings. We provide an option of SS finish and food-grade-sheet on panel and evaporators are of complete SS 304 also. We maintain absolute humidity level inside the cold room and we also customize it accordingly to the need like view window & auto door close mechanism, which helps to maintain uniform temperature and thus maintain factors like quality & hygiene.



Portable Dehumidifier-Industrial Dehumidifier



SS Body Portable Dehumidifier



Industrial Fresh Air Dehumidifier



GI Powder Coated Portable Dehumidifier

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www.swastikdehumidifier.com

Climate control plays a vital role in the production, storage and transportation of numerous products. Humidity is one of the critical factors of climate control. Excess humidity can lead to costly quality errors in humidity sensitive industries. Therefore, the process of controlling environmental conditions is essential for reduction in quality errors.

Brand	KANSID	KANSID	KANSID	KANSID	KANSID
Model	SWK 50	SWK 100	SWK 150	SWK 200	SWK 500
Moisture Extraction Capacity	➤ @30° C & 80 % RH ➤ 50 Liters /day	➤ @30° C & 80 % RH ➤ 100 Liters /day	➤ @30° C & 80% RH ➤ 150 Liters / day	➤ @30° C & 80% RH ➤ 200 Liters / day	➤ @30° C & 80% RH ➤ 500 Liters / day
Coverage Area (Non A.C.)	➤ 400 Sq Ft ➤ 4000 ft3/ 113m3	➤ 800 Sq Ft ➤ 8000 ft3/ 266m3	➤ 1200 Sq Ft ➤ 12000 ft3/ 340m3	➤ 1600 Sq Ft ➤ 16000 ft3/ 453m3	➤ 4000 Sq Ft ➤ 40000 ft3/ 1133m3
Moisture Extraction Capacity	➤ @23° C & 60% RH ➤ 25 Liters / day	➤ @23° C & 60% RH ➤ 50 Liters / day	➤ @23° C & 60% RH ➤ 75 Liters / day	➤ @23° C & 60% RH ➤ 100 Liters / day	➤ @23° C & 60% RH ➤ 250 Liters / day
Coverage Area (AC W/O AHU)	➤ 2000 ft3 / 57 m3	➤ 4000 ft3 / 113m3	➤ 6000 ft3/ 170m3	➤ 8000 ft3/ 226m3	➤ 20000 ft3/ 566m3
Body Material	SS304/GI with Powder Coated	SS304/ GI with Powder Coated			
Humidity Control* & Display	Up to 30% Digital 0 to 99 %	Up to 30% Digital 0 to 99 %	Up to 30% Digital 0 to 99 %	Up to 30% Digital 0 to 99 %	Up to 30% Digital 0 to 99 %
Water Collection Tank	15 Liter	20 Liter	23 Liter	25Liter	35 Liter
Compressor	Reciprocating	Reciprocating	Reciprocating	Reciprocating	Reciprocating
Refrigerant	R 22/R 407 C	R 22/R 407 C	R 22/R 407 C	R 22/R 407 C	R 22/R 407 C
Air Flow	1300 m3/hr	1600 m3/hr	1700 m3/hr	2200 m3/hr	7100 m3/hr
Air Filter	20Micron	20Micron	20Micron	20Micron	20Micron
Power	440/220V AC, 50Hz	440/220V AC, 50Hz	440/220V AC, 50Hz	440/220V AC, 50Hz	440/220V AC, 50Hz
Noise Level	60 dB	70 dB	70 dB	70 dB	80 dB
Direct Drain Facility	Yes	Yes	Yes	Yes	Yes
Pre filter	Yes	Yes	Yes	Yes	Yes
Castor Wheel	Yes	Yes	Yes	Yes	Yes
Dimension (L x D x H) in mm	460x480x800	510x540x980	510x540x980	510x540x980	760x960x1450

* Humidity controlling will be dependent on air tightness in specified area and temperature and humidity of the inside area.

Portable Dehumidifier-Industrial Dehumidifier

Features of our product

- Digital humidity controller with live RH display.
- Operating Range 0 % to 90% RH with 1% Incremental settings
Continuous drain for added convenience
- “Subzero” makes humidity sensor and Humidity controller for highest accuracy and reliability @ 0-99 % RH levels.
- Extended cables to keep controller outside room and only humidity sensor inside the room
- Digital display. It could be controlled both by timer and humidity.
- Famous brand compressor.3-minute delay to protect compressor.
- Removable and washable 20 Micron Air filter
- 4 universal castors for easy moving
- Drainage with tank or external hose pipe



Industrial Fresh Air Dehumidifier

HUMIDIFIER



Application Area

- ❖ Pharmaceuticals
- ❖ Engineering
- ❖ Food & Beverages
- ❖ Hospital
- ❖ Research Organization
- ❖ Printing & Packaging
- ❖ Hotels
- ❖ Power Plants
- ❖ Offices
- ❖ Recording Studios
- ❖ Art Galleries
- ❖ Server / Computer
- ❖ Chemical Storages
- ❖ Wood / Laminate
- ❖ Ware House
- ❖ Defence
- ❖ Cement Plant
- ❖ Optical / Glass

Model	SEH - 3	SEH - 6	SEH - 12	SEH - 18
Misting Capacity	3 Liter/Hr	6 Liter/Hr	12 Liter/Hr	18 Liter/Hr
Power	300 W	400 W	800 W	1200 W
Water Level Control	Automatic-Float	Automatic-Float	Automatic-Float	Automatic-Float
Humidity Control & Display	Upto 90% -Digital	Upto 90% -Digital	Upto 90% -Digital	Upto 90% -Digital
Voltage	230V,50Hz	230V,50Hz	230V,50Hz	230V,50Hz
Body	S.S. Powder Coated	S.S. Powder Coated	S.S. Powder Coated	S.S. Powder Coated
Working Temp.	5 to 40 Deg c			
Air Flow	350 m ³ /hr	350 m ³ /hr	550 m ³ /hr	550 m ³ /hr
Net Weight	24 Kg	30 Kg	38 Kg	40 Kg
Castor Wheel	Yes	Yes	Yes	Yes
Dimension(inch)	24 x 17 x 18	24 x 17 x 18	33 x 17 x 25	33 x 17 x 25

Swastik Enterprise

Manufacturer and Exporter of

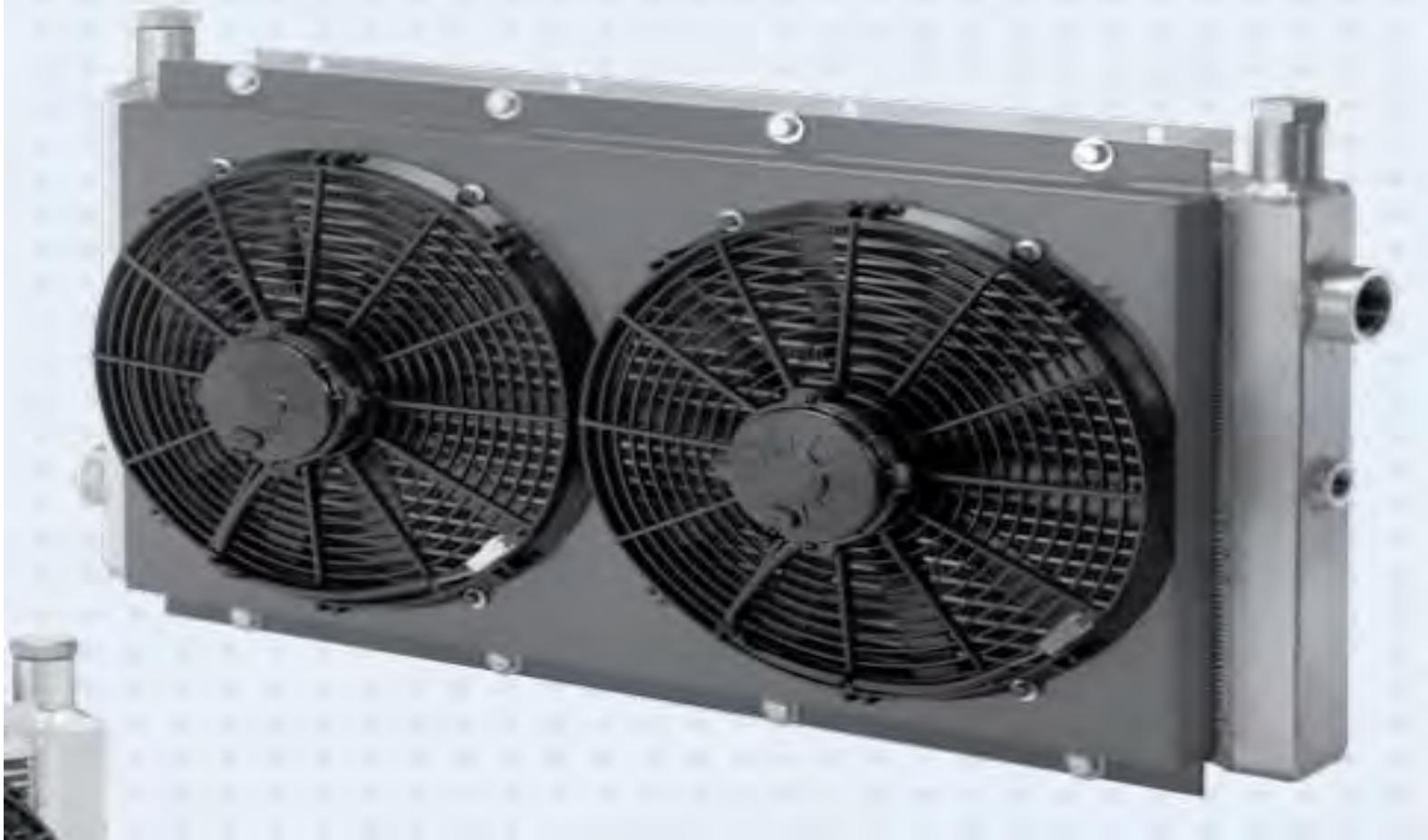
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SWASTIK ENTERPRISE

Coils for all Comfort Commercial and Industrial Applications



AIR COOLING AND HEATING COIL



Fan coil Unit



Oil Cooler



Booster Coil



Condensator and
Evaporator coil



Steam coil



Water coil

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Whatever the application-new or replacement we have right coil for you. We offer the widest variety of materials, physical sizes, fin spacing, row depths and circuiting. Coil choices include water cooling, water heating, steam, booster, evaporator and condenser. Refrigerants for evaporator and condenser coils can be R-22, R-407C, R-134a or R-410A.

Along with standard options, special materials and configurations are available to meet many different requirements. Extra long fin lengths, intermediate tube supports, along with a wide variety of tube wall and fin thicknesses are available.

Casings can be constructed of galvanized steel, aluminium or stainless steel. Optional connection materials such as steel, red brass or copper (sweat) are offered along with butt-weld, Victaulic, or flange type connections. Coatings can be Electro Fin® e-coat for corrosive or contaminated atmospheres.

Industrial and process applications often require special materials and configurations. We have them, and the experience to properly apply them. If you have

- High temperature requirements
- High pressure requirements
- Corrosive or contaminated atmospheres
- Humidity control problems
- Special size requirements

We are manufacturing coils with a wide range of materials including copper, brass, cupro-nickel, aluminium, carbon steel, hot-dip galvanized steel, and stainless steel.

A number of coil coating systems are also available to help match a corrosion solution to your budget. Whether the environment is acidic or alkaline, salt-laden, or de-ionized, we have the capability to select the proper combination of materials to match your duty requirements.

If you need coils for product heating or cooling, vapour condensing, heat reclaim, fluid cooling, high temperature hot water, high pressure steam, or other applications, we are ready to serve you with shortest delivery time and without compromising quality.

COIL HEAT EXCHANGERS FOR AIR HEATING AND COOLING

Coils find employment whenever there is a requirement to heat, cool or Dehumidify air.

Coils are also used in refrigeration and heat pump systems where the air is used as a source of heat or a sink into which transferred heat can be released.

Examples of coil applications are given below though the list is not exhaustive:

❖ **Comfort air conditioning**

No primary AHU is complete without heating and cooling coils to condition the temperature and humidity of outside and return air. In addition to central plant, coils are found in almost all branches ducts to trim the temperature of the air supplied to individual zones in both constant and variable air volume systems.

❖ **Critical zone conditioning**

Wherever the space conditions need to be controlled to meet stringent health requirements then coils will be employed along with the benefits that they bring in terms of controllability. Hospital theatres often operate against 100% outside air which must be preconditioned by coils. Clean rooms, in addition to critical filtration requirements, need coils for temperature control and to control the flow of air.

❖ **Close control conditioning**

Environments housing sensitive equipment require close temperature and humidity control in order that the equipment operates safely and at its maximum efficiency. The growth of data centres have dramatically increased the cooling requirement and the use of chilled water and refrigerant coils within bespoke air handling equipment. Coils also play a part in energy recovery systems employed within data centres and help to reduce their environmental impact.

❖ **Unitary air conditioning equipment**

A wide variety of heating/cooling emitters and terminal units incorporate coils: fan convector units, air curtains, perimeter and trench units for heating systems, fan coil units and terminal boxes for air-conditioning systems.

❖ **OEM applications**

Heating, cooling, heat recovery coils and heat pipes are regularly incorporated in original equipment intended for process or comfort air conditioning. SPC liaise at all stages with customers to design and manufacture all manner of bespoke coils and heat transfer equipment.

SWASTIK ENTERPRISE

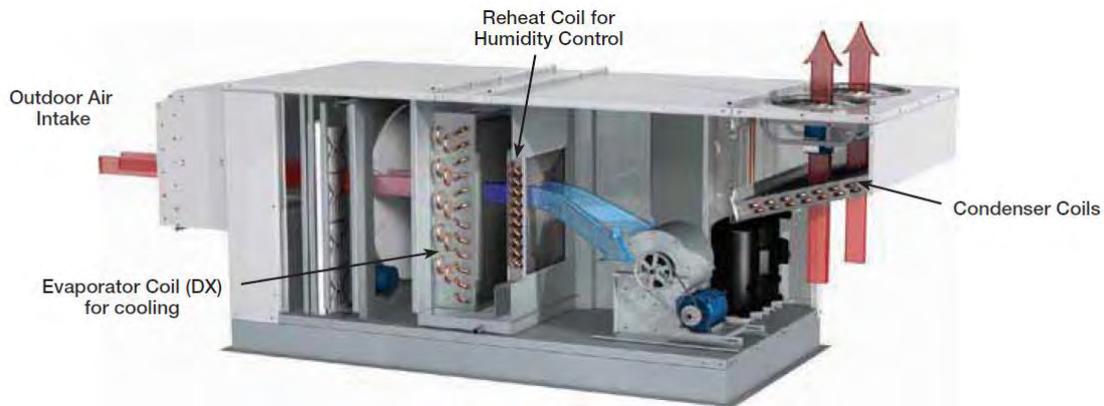
Coils for all Comfort Commercial and Industrial Applications

Heating / Cooling coils are designed, manufactured and tested to meet a broad range of heating and cooling requirements. To achieve maximum efficiency and longevity, coils must be properly sized for the intended application.

Water Coils can be used for a single purpose such as heating or cooling, or their function can be alternated between heating and cooling by changing the temperature of the water flowing through the coil. Depending on the application, it may be necessary to use a glycol mixture to prevent the liquid from freezing. Our water coils are engineered to operate at pressures up to 250 PSIG and temperatures up to 300°F, but ancillary equipment such as valves and pumps will often dictate lower operating temperatures. All water coils are pressure tested at the factory with 450 PSIG of dry nitrogen.

Steam Coils are used for heating applications and are built to operate at pressures of up to 125 PSIG with a maximum temperature of 353°F. They are pressure tested with 600 PSIG of dry nitrogen. The most frequent use of steam coils is for retrofitting or modifying existing steam heat systems.

Direct Expansion (DX) Coils are part of a refrigerant filled system consisting of a condenser coil, evaporator coil and a refrigerant compressor. The evaporator coil must be paired with a thermal expansion valve (TXV) intended for the specific capacity and refrigerant type. When used in conjunction with a heat pump and reversing valves, a coil serves for both heating and cooling.



Evaporator Coils (DX) are made for heat absorption and generally function at a lower pressure. These coils are generally used for spot cooling or as part of an air handling system.

Condenser Coils are made for heat rejection, such as the heat absorbed by an evaporator coil, and they typically operate under higher internal pressures. Condenser coils are sometimes used as part of a heat pump to provide heat in a specific location, but more often they are used to simply exhaust heat energy that is collected elsewhere.

SWASTIK ENTERPRISE

Coils for all Comfort Commercial and Industrial Applications

Water coil



Water coils to suit low, medium and high temperature water as well as Chilled water and glycol systems.

Water Coils can be used for a single purpose such as heating or cooling, or their function can be alternated between heating and cooling by changing the temperature of the water flowing through the coil. Depending on the application, it may be

necessary to use a glycol mixture to prevent the liquid from freezing.

All coils are designed to suit the application, so can be tailored to suit the physical constraints, pressure drop requirements or environmental / economic considerations.

Coils can be manufactured from a wide range of materials and casing styles and will terminate in plain copper tails, threaded or flanged pipe connections. Connections can be fitted with vent and drain points and / or test points if required.

REFRIGERANT COILS



We design and manufacture condenser and DX (Evaporator) coils to suit commonly used refrigerants: R4109a, R134a, R407c and R404a.

Coils can be designed with a number of refrigerant circuits, interlaced or split in face. Hot gas inlets can be added to provide additional control or defrost facility.

All coils are pressure tested air under water, dried, vacuum tested, nitrogen charged and sealed. Refrigerant coils terminate in plain copper tails sized to suit the capacity and number of circuits.

We also manufacture coils for heat pump systems allowing operation in both evaporating and condensing (reverse cycle) modes. All heat pump coils are manufactured with thick walled tubes

and high silver content braze to suit the high working pressure.

Increasingly, there is a requirement to match DX cooling coils and reverse cycle coils to condensing units and heat pump units supplied by other manufacturers.

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Coils for all Comfort Commercial and Industrial Applications

Steam coil



Steam coils are manufactured from thick walled copper tubes and heavy gauge copper headers with flow drilled holes for a strengthened joint.

In order to prevent condense laying in the tubes, which is likely to cause premature coil failure, we recommend a 'straight through vertical' design with steam and condense headers on opposite sides of the coil.

Connections can be arranged top and bottom or from the ends of the headers on the same side.

Alternatively a horizontal arrangement with sloping tubes and connections on opposite sides can be offered. Steam coils are available to suit either horizontal or vertical airflow.

Where necessary we will provide coils split into a number of sections. Each section will have a separate steam / condense connection and will need to be trapped independently.

Stainless steel coil



We are manufacturing and supplying excellent quality of **stainless steel cooling coil**.

We offered range is frequently used in heat exchangers, metal moulding and metal trimming.

We also manufacturing with high grade raw materials and latest technology to meet industrial norms. These coils are available in various ranges of sizes.

We offer S.S Cooling Coil to our clients at very reasonable price.

Hydraulic Oil Cooler



Hydraulic Oil Cooler are either fixed or of packed floating head type in general and are suitable for fitment on the return line of a hydraulic oil system. We manufacture coolers at customer specification of high pressure circuit for as high as 50-75 bar. The hydraulic oil coolers designed by us have found extensive usage in power packs, presses, dredgers and plastic injection equipments.

SWASTIK ENTERPRISE

Coils for all Comfort Commercial and Industrial Applications

Transformer oil cooler



The transformer oil cooler is used to cool power transformers by means of forced air and oil flow. The oil in the cooler is circulated using a pump.

The transformer oil cooler is delivered as a fully factory-assembled unit. Each cooler consists of a casing with a finned tube heat exchanger with one or two fan units. When two fan units are used, the fans are separated by a partition wall. This permits each fan to be enabled or disabled to give incremental power regulation as the cooling need changes.

The cooler is designed to withstand vibrations, shocks, seismic forces and thermal movements.

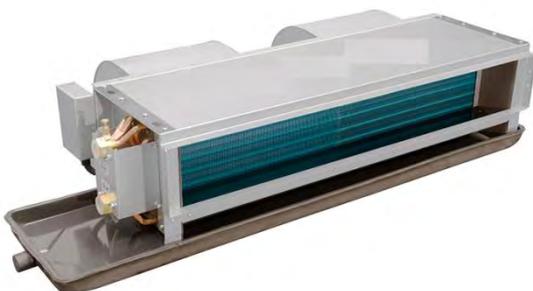
Finned tube



We manufacture and supply of high quality of Finned Tubes that are highly sought after in the market and are being made keeping in mind the quality parameters set by the customers. These products are available in a range of sizes and dimensions. Our products have a very sturdy build and they offer a high performance to the customers. These products have been priced at very reasonable rates. The fins to tube joints are either tightly fit and hydro-expanded or root-soldered to ensure maximum fin efficiency.

The number of fins per inch is carefully designed keeping in mind the atmospheric conditions so that minimum fouling takes place. The fin length is also designed considering the space availability.

AC coil unit



AC coil unit is elegant and lightweight, compact structure. The body height is less; ultrathin design enables the unit to be installed in a relatively narrow space.

The flexible design structure with a changeable air return plenum, make it easy for installation and changing the air return direction from backside to downside or from downside to back side.

SWASTIK ENTERPRISE

Coils for all Comfort Commercial and Industrial Applications

Highly efficient heat coil is manufactured by mechanically expanded copper pipe with open-window hydrophilic aluminium fins to make heat change more efficient. Heat transfer efficiency is strengthened by large diameter of the impeller fan air supply.

With the low speed wide wheel forward curve centrifugal fan and low noise axis, the fan coil unit is running under an extremely quiet operation.

One moulding condensate drain pan without weld and solders joints; Flame retardant type thermal insulation is pasted in water plate, absolutely prevent the phenomenon of water leakage. Specifically designed drain pan with a certain slope ensures rapidly discharging of condensate water.



OUR VALUABLE CLIENT

Pharmaceutical



Neutraceutical:



Government Sector



Chemical Industry:



Food and Agriculture Industry:

