

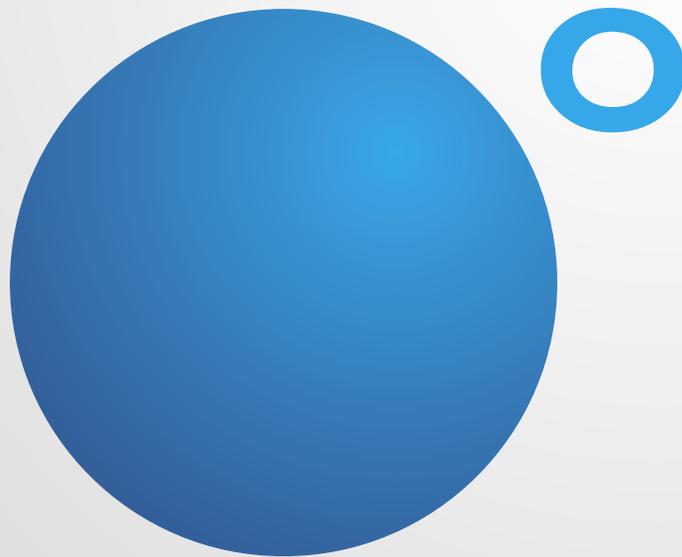
Reliable Source of District Cooling Equipment. **DCServe.**



Faisal Jassim Trading Co.

We bring life to your building





DCServe

District Cooling Equipment

Member of Faisal Jassim Trading Co.



DCServe is your total solution provider for District Cooling applications. District Cooling was commercially introduced in the GCC in 1998 and has proven itself to provide high level of comfort and reliability. It also helps the environment by increasing energy efficiency and reducing environmental emissions including air pollution, the greenhouse gas (GHG) carbon dioxide (CO²) and ozone-destroying refrigerants.

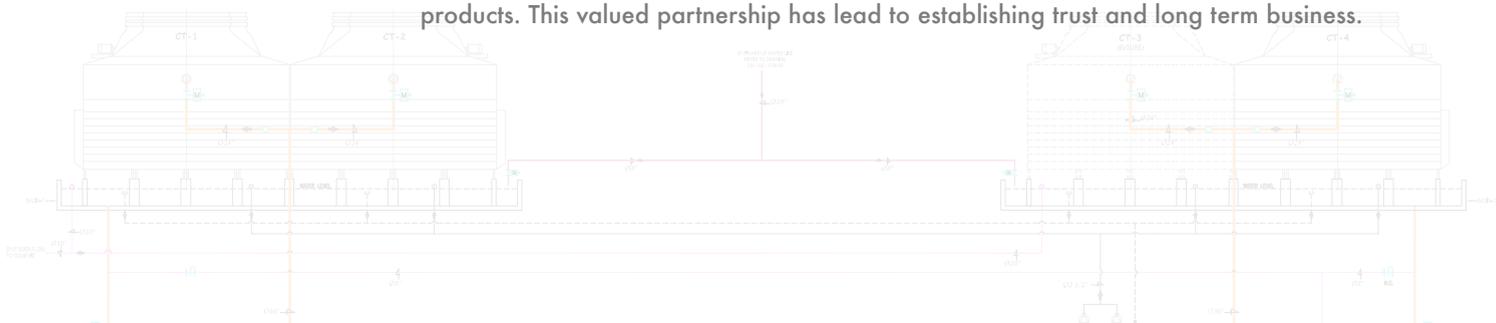
Most middle eastern governments are parties to the United Nations framework convention on climate change. With most countries in the region having extremely high GHG emissions per capita, this issue will become increasingly important for government policy.

District cooling helps the environment by increasing energy efficiency and reducing environmental emissions including air pollution, greenhouse gas(GHG), carbon dioxide(CO²) and ozone-destroying refrigerants.

District cooling can reduce annual CO² emissions by about 1 ton for every ton of district cooling refrigeration demand served. The envisioned district cooling potential in the Middle East (cumulative total of 2.9 million tons of refrigeration demand by 2015) could reduce carbon dioxide emissions by about 2.8 million tons annually.

DCServe is a member of Faisal Jassim Trading Company, a well established group that specializes in engineering, manufacturing and trading of building services equipment. DCServe has played a major part in supporting the District Cooling Industry through the wide range of world class products that it represents in the Gulf region. DCServe supply, commission and maintain **ITT Bell & Gossett Pumps, Sondex Plate Heat Exchangers, Tour & Anderson Valves, GEA Polacel Cooling Towers, Lakos Sand Separators and Promaster Electrical Controls and Switchgear.**

DCServe has built a partnership with key customers that include world class MEP Contractors and Utility Providers thru its commitment to support them through the lifetime of the above products. This valued partnership has lead to establishing trust and long term business.







Measure



Balance



Control



Commission



Tour & Andersson AB

TA is the world-leading brand in hydronic solutions. It is the brand that the experts turn to when the solution needs to be absolutely perfect.

Our mission is to deliver an indoor climate that performs to its optimum design requirements, that is energy efficient and cost effective. It stands to reason that people should feel comfortable in their home or workplace. Our responsible business policy take this mission forwards and we make continuous efforts to promote a sustainable society with future generations in mind.

With offices throughout the world, TA is well placed to offer advice, products and support to key HVAC markets. TA is part of IMI PLC, an engineering solutions group that provides strength, stability and resources to develop innovative products, using TA patented metal and the best manufacturing processes.

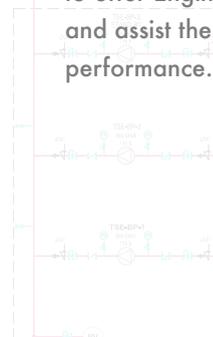
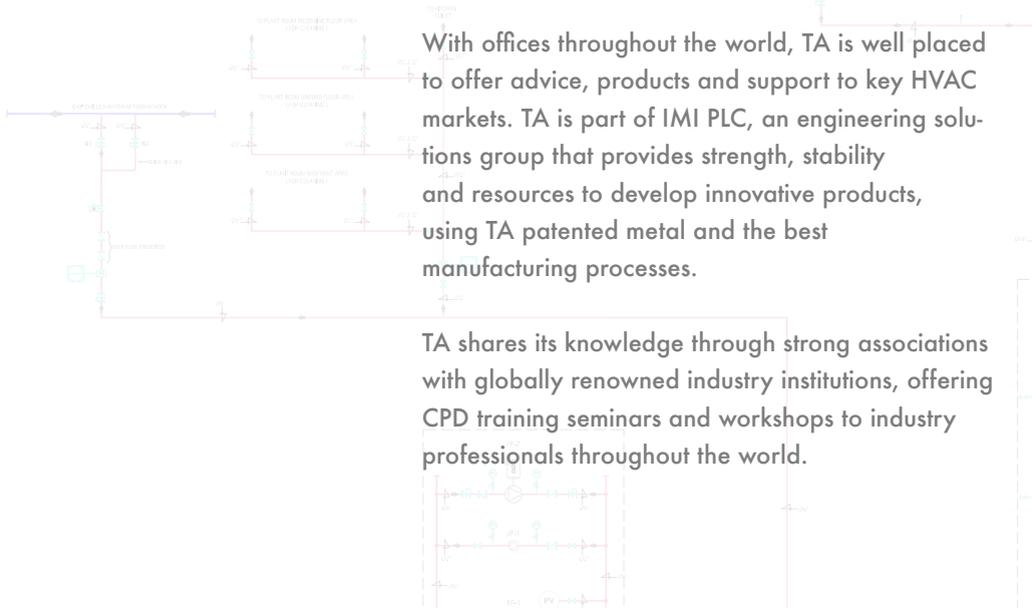
TA shares its knowledge through strong associations with globally renowned industry institutions, offering CPD training seminars and workshops to industry professionals throughout the world.

Energy efficient balancing and control solutions are what TA is all about, whether it's controlling the room temperature of an office or the return temperature of a district cooling network. TA can offer advice, support, and an unparalleled range of products to meet the design requirements.

Everyone within the TA organization is trained with the company's environmental program in mind. TA chooses materials and manufacturing methods that have the least possible impact on the environment. TA strive to maintain low levels of CO² emissions, and its manufacturing and production processes do not emit any materials into watercourses.

For more on TA and its products' range and solutions please visit: www.tourandersson.com

DCServe Sales Team has been trained extensively to offer Engineering solutions to the Developers and assist them in Valves selection for optimal Plant performance.







Thermal Engineering GEA Polacel Cooling Towers B.V.

GEA Polacel is a company of the GEA Group AG. The GEA Group, headquartered in Bochum, Germany, is a globally successful technology group with more than 250 companies in 50 countries.

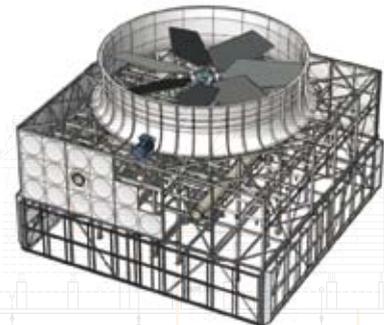
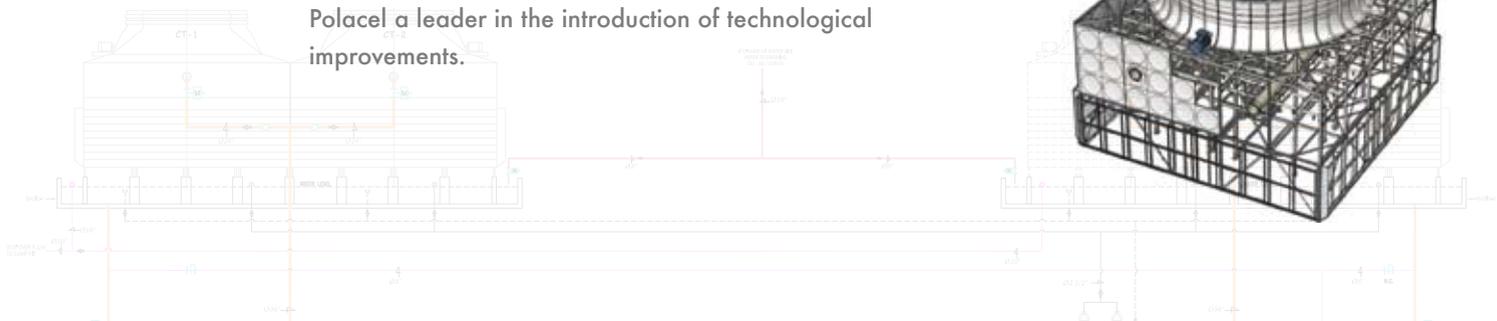
The company now focuses on specialty mechanical engineering – especially process engineering and equipment. GEA Group technologies are applied in the food, chemical and petrochemical industries, the energy sector, air treatment and shipbuilding as well as the pharmaceutical and cosmetic industries. The GEA Group is one of the world`s market and technology leaders in 90 per cent of its businesses.

GEA is a solid foundation for the GEA Polacel activities and it provides us with greater scope. Good contacts with affiliated organizations that are leaders in Cooling Towers field provide an ongoing stimulus to development. This is what makes GEA Polacel a leader in the introduction of technological improvements.

GEA Polacel CMDI cooling towers

Polacel designs, manufactures and maintains cooling towers for process and climate cooling. GEA energy-efficient and environmentally-friendly cooling water generators stand out because of the complete quality policy employed.

The Polacel CMDI system concept can process large quantities of water and it has a substantial cooling capacity. The modules are supplied ready to use and easy to adjust to cooling requirements within the available space, whether they are used singly or in series. The cooling performance of these cooling towers is optimal and operation is problem free. With a 95%+ saving in water, the efficient CMDI systems are the best choice within the harsh Gulf District Cooling applications environment.







Bell & Gossett Centrifugal Pumps

Bell & Gossett's complete range of in-line and base-mounted centrifugal pumps can handle virtually any HVAC requirement. The pumps are engineered for exceptional performance and rugged durability. They are designed for easy maintenance and to be highly efficient. The pumps provide reliable operation in a variety of applications, including hydronic heating and cooling systems, industrial, refrigeration, cooling towers and irrigation. All B&G pumps are manufactured at an ISO 9001-approved facility. The Bell & Gossett name has always stood for uncompromising quality and dependability.

Series VSX®

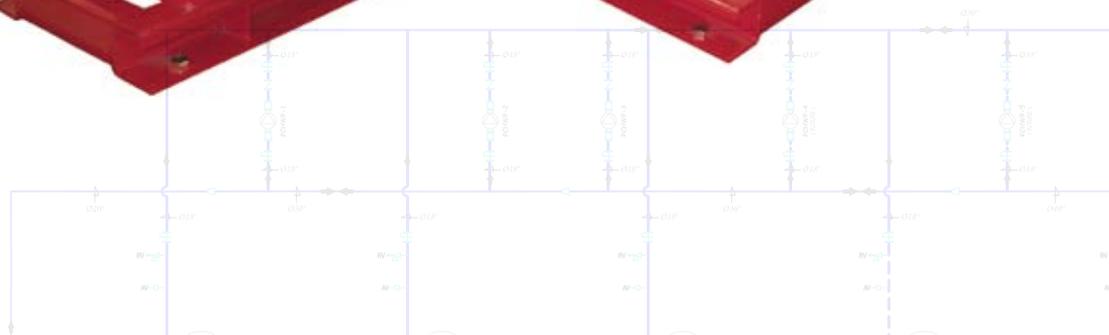
A robust, base-mounted, double-suction pump with a vertically split casing. Three different suction and discharge flange orientations provide identical hydraulic performance while enhancing equipment room layout flexibility.

Model VSX-VSC® vertical suction and discharge flanges.

Model VSX-VSCS® combines a vertical discharge flange with a side suction flange while maintaining a small footprint design.

Model VSX-VSH™ provides the traditional side suction and side discharge flanges.

VSX discharge sizes range from 4" to 18", with flows to 25,000 GPM, heads to 530' and motors to 3,000 HP. Standard features include a groutless base plate, alignment friendly coupling and an ANSI/OSHA compliant coupling guard. Service is simplified with maintenance-free bearings and an internally flushed one-piece unitized mechanical seal.







SONDEX A/S is a Danish owned company, specialized in development, production and marketing of plate heat exchangers. Since the very start in 1984, SONDEX has expanded its activities which now include nearly all European countries, the USA, the Far-and Middle East, bringing its market share of the total market for plate heat exchangers amounts to appr. 7%. The plate programme includes besides the traditional plate heat exchanger with gaskets, also brazed, shell and tube, semi-welded, all-welded plate heat exchangers and freshwater distillers.

The production takes place in SONDEX factory in DK-Kolding. Special developed hydraulic presses are installed-some of the biggest in Europe (up to 14,000 tons), enabling to press plates of even very big plate heat exchangers. SONDEX has big press machines for the production of over flow plates. Furthermore, vacuum furnaces are being used by the production of brazed plate heat exchangers, laser welding-and cutting machines. The Sondex plate heat exchanger design is based on long-time experience. The design secures high yield of the plate heat exchangers making them suitable for various working conditions.

The development of new heat plate exchangers takes place successively. For the production of new press tools SONDEX has its own well-equipped tool department (CAD/CAM). 3 CNC machines are used for production of new tools. Furthermore, Sondex produce freshwater distillers primarily for the marine market (1-1000 t freshwater/day).

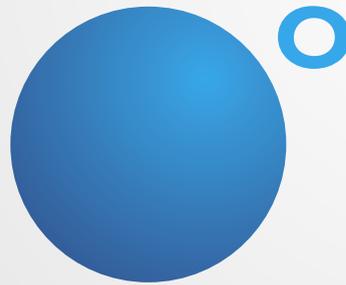
SONDEX has subsidiary companies in the USA, Australia, Poland, the Netherlands, Italia and Germany with established strong network of agents and suppliers all over the world. SONDEX has a new factory in Marsvej in Kolding , Denmark with Fully automatic plate production.

FJTCO has supplied a large number of projects in the UAE and Qatar, covering mainly the chilled water business in general and the district cooling sector in particular.









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