

Ice Cold Systems



Ice Cold Systems (PTY) Ltd

South Africa are based in; Gauteng and Kwa Zulu Natal have entered into a strategic partnership with Buus Refrigeration. Since 1958 BUUS Refrigeration has developed and produced high quality refrigeration systems by using the very latest technology in the field of refrigeration, based in Froeslev, Denmark they have custom built cooling systems and ice machines to customers all over the world.

Creativity, professionalism and good workmanship are the key ingredients in the day-to-day production at Ice Cold Systems (ICS). Our core competence is offering solutions which meet the exact requirements of the customer. To ensure this it is important to us to maintain a close dialogue and cooperation with the customer from the first contact is made throughout the process of defining and developing the optimal solution in each case.

Fast and flexible

ICS ensures you a fast and flexible handling of any inquiry – be it a new order or ordering spare parts for existing systems. All spare parts are at stock, either at the factory in Denmark, offering you an express day-to-day delivery. Our data base contains a complete history of all the systems that we have delivered to customers throughout the years. This gives ICS a unique possibility to ensure a fast and efficient assistance in cases of maintenance questions or a close down. ICS and our customers have a mutual interest in ensuring that our systems are reliable even in the most extreme of circumstances. We also recognize the importance of making sure that costs in connection to maintenance or close downs are kept at a minimum.

Ice machines

We offer a broad range of solutions such as

- Iceflakers
- Water chillers
- Pre-coolers

Iceflakers

- BUUS ice machines are compact units with an optimum performance compared to size. Due to product optimizing and choice of materials an improvement in performance of 15-20 % in comparison to compatible units is not unusual. The units are seawater proof and produce iceflakes from salt water without problems – including warm salt water.
- The machines are available at various capacity and can be placed where needed in the production.
- The ice is mixed amongst the products and the product will cool down quickly thanks to the big surface of each ice flake compared to crushed ice.

Options

- You have several options when you decide on a Buus Ice machine. Separate system: most of BUUS ice machines are connected directly to existing cooling systems or to systems built by the customer.
- All-in-one system: a “plug in” solution which is an all-in-one unit combining cooling and freezing – all you have to do is connect the unit to electricity and water.
- Split system: Icemaker and cooling unit are placed in such a way that surplus heating from the cooling unit is kept away from a production. The ice machine takes up very little room and noise is kept at a minimum.



Water Chillers

BUUS water chillers keep running when others break down. Very often placed in surroundings with extreme conditions such as very high temperatures our systems are built to withstand extremes, i.e. temperatures up to 55° C. In most cases we can offer you a solution which uses less water than your existing installation. Our chillers are able to cool down close to the freezing-point: 2° C where most existing units will stop at a temperature of 7-12° C.

Specialized ice machines

We have know-how and experience in making custom made ice machines for a specialized production, i.e. chock freezing of fruit or animal food.

Other products available are block ice plants and slurry ice machines.

Optimizing existing units

- By optimizing/developing your existing unit you may be able to cut down considerably on running costs. Ice Cold Systems offer several solutions regardingly.

Standard operations system

To run a BUUS cooling or freezing installation ought to be as simple as possible. We work continuously on improving a standard operations system to ensure optimal efficiency, and just as importantly – in case of a problem the machine will stop before a situation turns into a break down.

Product development

- A close dialogue with our customers and co-operates enables us to be far-sighted and keep our focus on product development and on optimizing our machines and refrigeration solutions.

Future demands

Together with Buus we emphasizes being ahead of future demands regarding laws and regulations. We keep a close eye on any changes in rules and regulations within our field, i.e. on environmental issues. In general Denmark is a spearhead in the world with regards to improvement of the environment. Ice Cold Systems is no exception. We consider developing even more environmental friendly systems as a challenge and a matter of conscience. Needless to say - our equipment meets all legislation accordingly and very often will be steps ahead of the future in this field. ICS in partnership with Buus Refrigeration are well into developing a series of products of indirect cooling systems where the environmentally friendly refrigerant CO₂ will replace Freon which can cause damage to the environment.

We focus on being an innovative supplier when developing our series of products, when designing our machines and when optimizing the efficiency of our installations. An ongoing educational scheme ensures that our employees are kept updated with the very latest knowledge within the refrigeration field. This ensures you our solution meet the highest of standards regarding quality, efficiency and reliability.

Service and quality insurance

Wherever and whenever a problem occurs we are available – we guarantee a 24 hour service all year round. Any new machine or installation cannot leave Ice Cold Systems without having been tested down to the smallest component. BUUS is PED certified which ensures that all BUUS ice machines have PED approved compressor units.



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