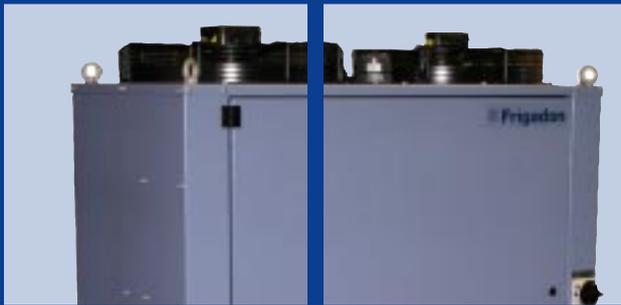


OEM PRODUCTS



FOR
COLD STORAGE
AIR CONDITIONING
TESTING FACILITIES
INDUSTRIAL PROCESSES
MACHINE TOOLS
TELECOM
HEAT INDUCTION
ELECTRONICS
MEDICAL EQUIPMENT

Frigadon

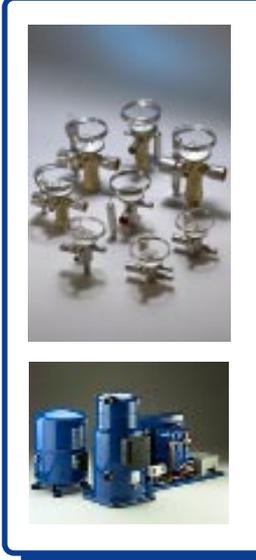
Frigadon manufactures a comprehensive range of plug-in DX refrigeration units and water chillers. These products can be used for literally hundreds of different applications but as needs be they can also be modified to suit individual special applications as shown in this presentation.

Cold storage

For example the plug-in DX refrigeration units are very popular with **BoxModul AB®**. A company that specialises in ready to use modules for deep-freezing and cold storage as well as mobile units for any number of applications. The modules are delivered ready to use and can be installed in only a couple of hours. BoxModule prefer to use compact units of the plug-in type that can be quickly installed without any refrigerant pipe installation work.



BoxModul's Sales Director Guy Eneroth and MD Kjell Larsson, busy planning new projects



Large ice cream storage depot during construction. This depot is fitted with five Megafrost-110-V plug-in units to BoxModule's specification (Total 40 kW at -28°C room temperature)



11 kW cooler unit installed in small cold storage module.



Test facilities for cars



Special unit installed at the Volvo® Arizona Proving Grounds in Phoenix, Arizona, USA.

Danfoss

To build high quality products you need to use high quality components. We've been using Danfoss/ Maneurop refrigeration components and compressors for more than 20 years with total confidence.



If the standard designs can't be modified to suit, or if you have very specific requirements, Frigadon also specialises in designing and building refrigeration equipment on an OEM basis to customer specification. Price wise we can hardly compete with "off the shelf" mass manufactured equipment but for discerning customers who need a special design and do not require several hundreds or indeed

thousands of units, Frigadon can be the right partner. Typically we supply our customers with anything from 10 to 200 units per year but we wouldn't say no to greater numbers. Of course we also strive to make any business relationship a long and healthy one, clearly shown by the number of customers that have been doing business with us for 10 years or more and by the way, we've been trading since 1977.



BOX
MODUL



6 special units delivered to GM® cold weather development center in Kapuskasing, Ontario, Canada. These units can pull down to -45° C room temperature.

Air-conditioning

Air-conditioning unit in stainless steel for **MacGregor®** offshore cranes. When **MacGregor®** couldn't find any off the shelf air-conditioning units to meet their stringent demands they came to us with a request to design and build a unit to their specification.



MacGREGOR

Cooling for Telecom



Telecom net works operator **Flextronics®** needed a portable heavy duty 18 kW "emergency cooler" to be able to uphold communications while stationary equipment could be repaired or replaced. Surprise, surprise, such a unit wasn't available off the shelf anywhere, but Frigadon could in a relatively short period of time design and build a number of units for a very satisfied customer.



Speaking of telecom we have also designed and built several hundreds of units for telecom company **Ericsson®**.



Sony Ericsson

Cooling for the machine tool industry



Time is money.....

In today's competitive environment, time is money. Making use of every minute can be the difference between success and failure. The grinding industry recognizes this only too well and looks for ways to keep machines and people productive. Focusing on coolant management and filtration efficiency has shown itself to be an important link to productivity.

Transor Filter® USA manufactures a patented form of self cleaning filtration that provides One Micron (absolute) filtration. But to make the picture complete they also needed to keep the grinding oil temperature controlled.

When we got the question as to whether we could provide a cooler to meet their specification we soon came up with a special design to meet their requirements.



OEM unit for oil cooling, 6 to 15 kW

Transor Filter GmbH® manufactures filters for the European market and although the patented self cleaning filtration process is the same, the layout of the filters and the design of the cooling system is different. Generally speaking the cooling systems are preferred centralized instead of individual.



Assembly at the Transor Chicago factory





Cooling of heat induction equipment

Alesco International® is a company that has developed induction heating to make it more easy to handle and economically justifiable for workshops and the engineering industry. As all induction heaters have to be cooled, Alesco® naturally thought about a solution where the coolers could be incorporated into their own product. After an initial meeting where we were given a piece of paper with a few scribbled notes on it, Frigadon came up with a working prototype in just 4 weeks and have since then enjoyed a good business relationship.

Cooling of electronics

TetraPak® manufactures amongst other things process equipment for pasteurization of milk. To cool their electronics that control the process, they were looking for a small cooling unit but it had to be in stainless steel, manufactured to the same high specification as their process equipment. A large volume manufacturer was approached by TetraPak but were not interested when they learnt the volume would “only” be about 200 units per year.





Cooling in the medical field

This HCU30 Heater-Cooler Unit was Initially developed for and in conjunction with **Jostra AB®**, manufacturer of Heart-Lung Machines. They were experts in their field but when they were planning the next generation of Heater-Cooler Units they felt they needed the expert knowledge Frigadon has in designing and building specialized refrigeration equipment on an OEM basis. Lately the product has been incorporated in the Getinge Medical Corporation under the **Maquet Critical Care®** brand.



MAQUET

GETINGE

Cooling of beer dispensing equipment

World famous brewery **Carlsberg®** also provides beer dispensing equipment to hotels, pubs and restaurants. They realized they needed to address old problems by coming up with a completely new design and when it came to the refrigeration side of the project we were invited to solve that part for them.



Frigadon AB

Frigadon is a Swedish company working with development, design and manufacturing of refrigeration systems for industry and commercial use. About 30 personnel are employed, working with various applications of refrigeration.

Frigadon has been manufacturing refrigeration units and equipment since 1977. Operations began with small plug-in units for cold rooms and today the most expansive market is water chillers and custom designed products supplied to the industry on an OEM-basis*.

Our customers are mainly refrigeration installers and industries who buy process cooling and OEM applications. Most are located in Europe although some can be found in other parts of the world.

Our products are designed for Swedish climate conditions and meet the requirements of all relevant European directives and standards.

*OEM stands for Original Equipment Manufacturer. This means that Frigadon manufactures other companies' original products.

Business idea

The right temperature...

we develop, manufacture and market environmentally friendly refrigeration units and equipment of compact, turn-key design to professional users all over the world



Frigadon AB is FR2000 certified, this is a Swedish system for Quality-, Environmental- and Work environment management.

The system is an interpretation of ISO 9001 and ISO 14001 with the added advantage that all areas are integrated and works together in one system.



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