



# Pemco

Pemco is a Finnish family owned company that specialises in the manufacture of industrial cooling and air conditioning equipment. Pemco is an expert in air handling and cooling. The company was founded in 1991.

## Pemco as a Service Provider

The services and expertise of Pemco are based on the recognition of customers' needs. The objective is to create the best possible, functional solutions that meet and even exceed customers' expectations. High levels of expertise and the most up-to-date knowledge are crystallised in the company's product development. Pemco's design team employs 3D modelling software and all drawings are created using this format. The customer approval is sought in relation to all drawings before manufacturing begins.

Pemco's expertise and quality of the company machinery are evident from customers' appreciation of the company's knowledge and work and in the uninterrupted functioning of the machinery and long-term customer relationships.

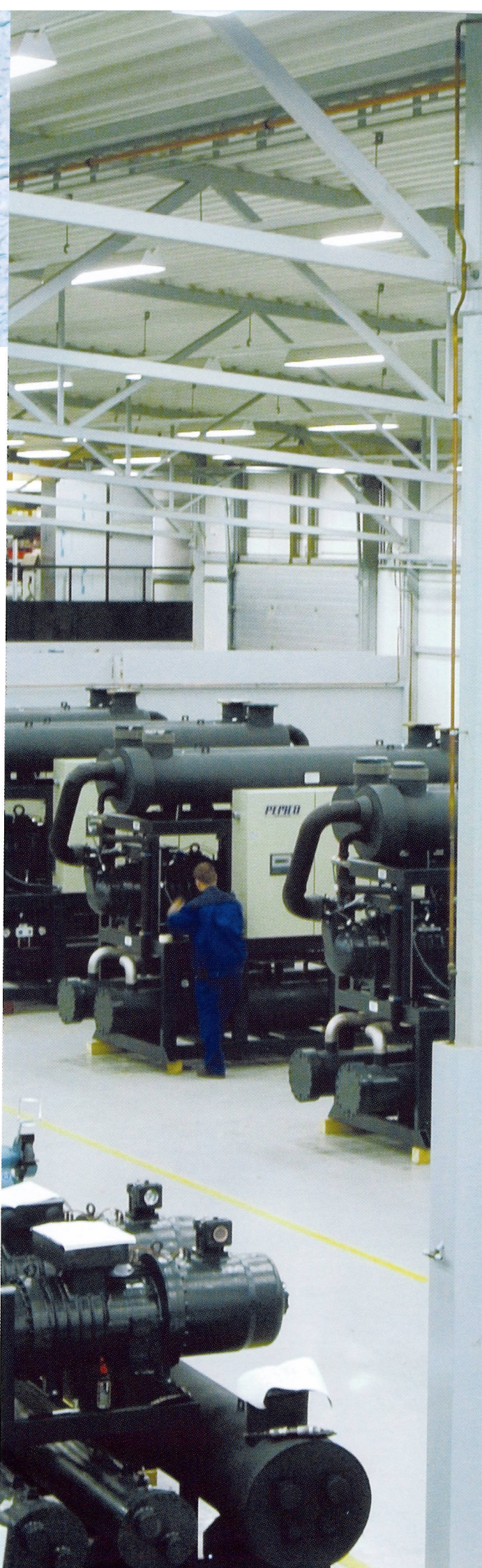
## Production

In addition to the design functions, Pemco is also responsible for the manufacture of the designed machinery. All machinery designed by the company is manufactured in the new production facility. A professional and skilful installation team, whose work is carefully controlled, manufactures the machines and components. The team assigned to manufacture a product remains the same throughout the entire manufacturing project. Pemco products are renowned for their functionality and reliability in various leading production facilities in many fields.

## Pemco Takes Responsibility for Its Actions

Pemco's responsibility for a product does not end with the delivery and installation of a machine. Pemco continues to provide high quality maintenance even after the warranty of a product has expired. All information on machines and devices manufactured by Pemco is stored in a customer-specific database. This database provides all the necessary information on the products for future reference. At its best, the maintenance and Pemco spare parts services can provide provisions at 48 hours notice, anywhere in the world.

In its activities, Pemco follows the requirements of the ISO 9001 quality standard and the ISO 14001 environmental standard.



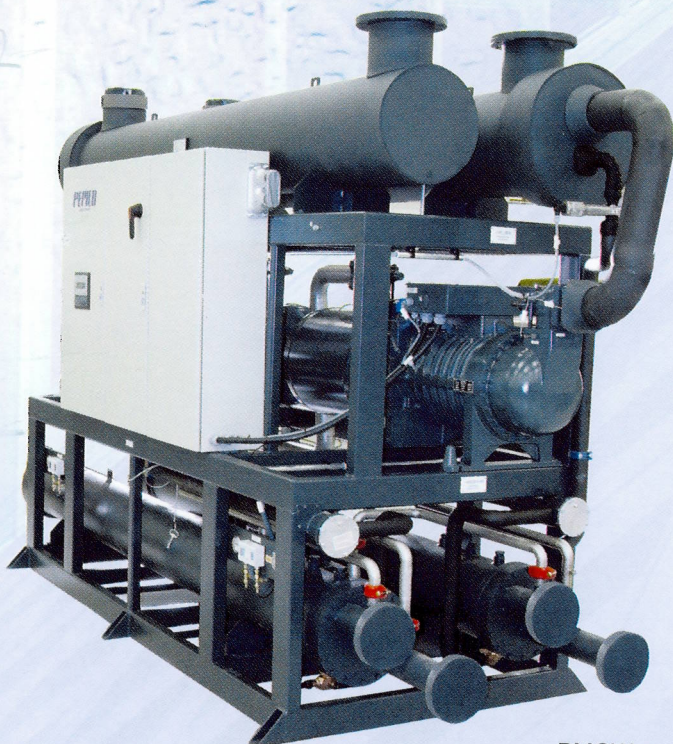


# Water Chillers

## PEMCO Water Chillers

Pemco water chillers represent the cooling machinery of the new generation and they employ the latest technology in the field. The water chillers have been designed for the cooling needs of industrial processes and air conditioning. The compressors in smaller models are scroll compressors and screw compressors are used in the larger models.

Heat exchangers are of shell and tube or plate type. Several water chillers can be installed side by side whereby the changes in loads of industrial processes are easy to control and the machines are always functioning economically. The machines can also be dimensioned for 7/17°C water.



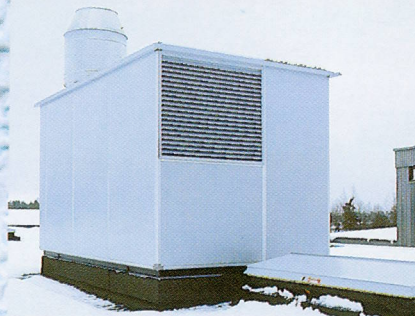
PMCW



PMCS



## Air Handling and Air Conditioning Equipment



*The weatherproof, compact Pemco rooftop machine is installed on the roof of a building.*

### PMAH Air Handling Units

The basic functions of the PMAH air-handling unit include air filtering, heat recovery, heating and cooling. The machine can be manufactured as a package that includes electric and control devices and a pump and valve set. If necessary, the machine can be installed on the roof of a building.

PMAH Compact is a new kind of air conditioning machine for large spaces that allows the use of the heat recovery unit for partial cooling during the summer months. This mode enables a compact structure where all components of the machine have been assembled into a single functional entity. Applications include offices, public buildings, industrial facilities and schools.

### PMPC Air Conditioners

PMPC air conditioners are designed for the air conditioning of challenging facilities where high requirements are set for the quality and reliability of the machine. The machines are principally designed for the air conditioning of control rooms, electric rooms and other similar facilities where year-round reliable temperature control is vital. Laboratory models of the machines are also available and can be tailored to the individual needs and requirements of the customer.

Basic functions include air filtering and cooling. The machines are also available with heating, humidification and dehumidification. The machine can either be placed in the facilities where air conditioning is required or in a separate machine room from where air is supplied to the facilities that require air conditioning via ducts. Condensation can be achieved by means of air, water or brine cooling.





# Coils and Dry Coolers/ Air Condensers

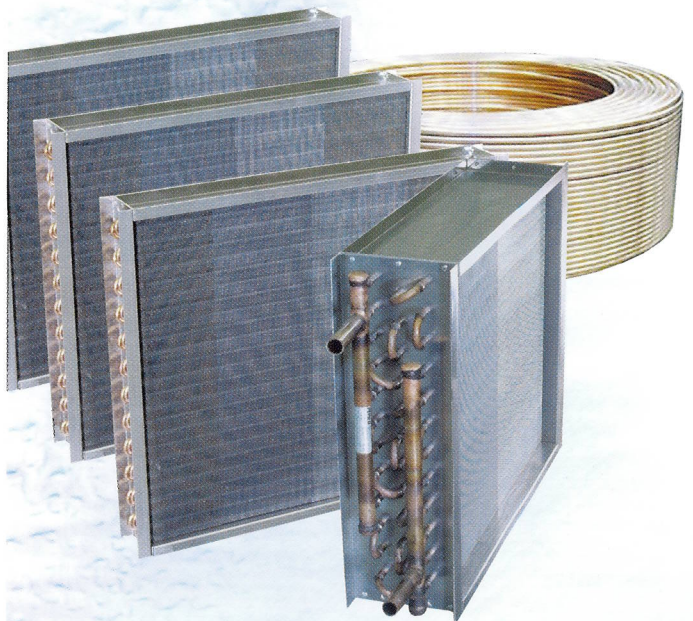
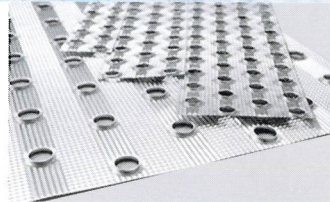
## Customised Coils

Pemco manufactures finned coils to meet the requirements of customers.

The casing and lamellas are made of aluminium and the copper tubes are made of 1/2" or 3/8" high quality tube. The coils are also tested at the factory for pressure at 30 bars before being delivered to the customer. The maximum length of a single coil segment is 6,000 mm.

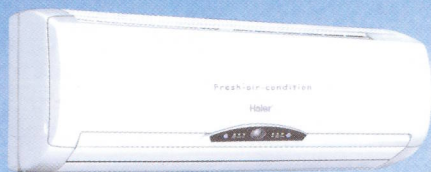
## Dry Coolers and Air Condensers

The PMLJ dry cooler system and the PMIL air condenser system are designed for the demanding conditions of IT centres, electric rooms, shopping centres and other areas that require accurate temperature control. Dry coolers or air condensers can be easily connected to each other, which means that even high levels of power can be easily achieved. Therefore, the whole system need not be replaced as the requirement for condensation increases since adding a required number of new units to the existing system will be sufficient.





# Haier®



## Haier Products

### Top Quality for Air Conditioning and Heating

Haier Group is the world's largest manufacturer of air conditioning machinery. Due to its global success, Haier has become a well-known brand name. The range of high quality air conditioning caters for homes and offices alike. Haier products are manufactured in an environmentally friendly manner in compliance with ISO 9001:2000 and ISO 14001 standards.

Haier air heating pumps will allow you to save up to 50% of your heating costs, to filter impurities in indoor air, to reduce moisture and cool the air in the summer as well as to balance the air temperature throughout the room. Haier air heating pump is a separate system, the functioning of which does not depend on other air conditioning or heating systems in the building.



*Adjusting the desired temperature is made simple by using a remote control.*

