



morehouse
THE COOLING ENGINEERS



Your partner in Heating and Cooling Technology!

Morehouse is a leading center of competence and a manufacturing company for heating and cooling technology.

Morehouse is specialized in:

- cooling devices and modules
- compressed air dryers
- heat pumps
- product development

For more than 60 years, Morehouse is a centre of competence for HVAC&R. Our craftsmanship allows us to develop the best solutions together with our customers. For all our projects we take efficiency, sustainability, quality and reliability in mind. We have direct contacts with leading manufacturers of refrigeration components. This results in competitive prices for Morehouse as well for our customers, even for custom-made parts. Morehouse has almost all steps of the production in her own hands, due to her highly experienced staff and her extensive machinery. Morehouse has own production departments for processing tubes and metal sheet, welding, brazing and assembling.

You can count on Morehouse for a varies range of batch sizes from just a prototype, an one-off or thousands units per year.





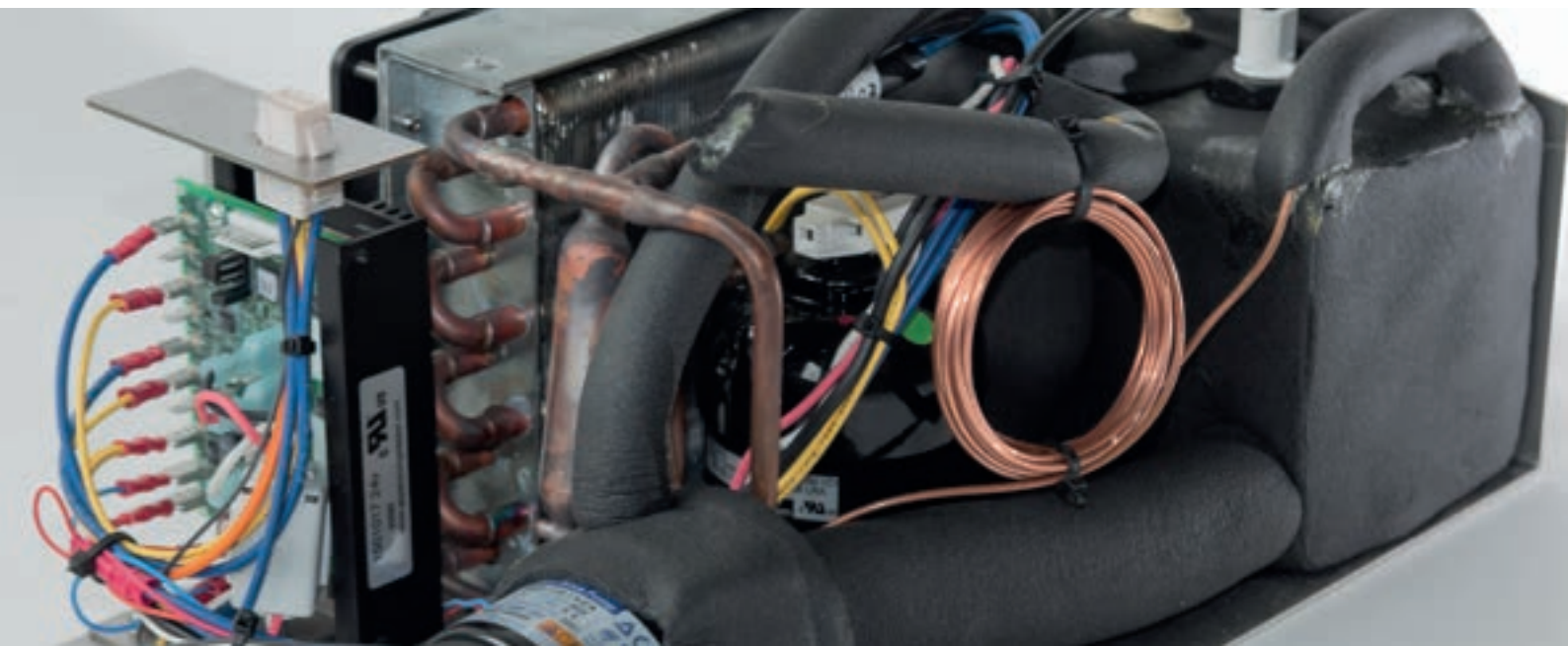
Cooling devices and modules

Morehouse has an excellent reputation with leading OEM's. Our engineering starts from a brief set of design data or detailed specifications and combines this with their know-how and experience to a first-class refrigeration unit, completely custom-made.

You can contact Morehouse for devices and modules for active cooling and heating with a cooling capacity from 0,1 to 50 kW. Due to the unique concept of our own designed heat exchanger it is possible to cool down liquids until -25°C and below.

Our high quality solutions are used in various sectors like:

- medical and pharmaceutical industry
- graphic machine construction
- food industry
- metallurgical industry
- pneumatics industry
- hospitality industry
- ...





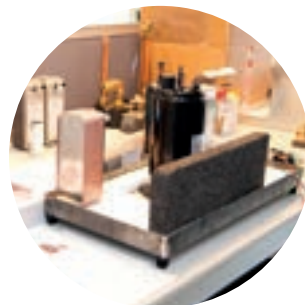
Heat pumps

Morehouse has been active as a manufacturer in the sector of sustainable heat technology for many years. Our goal is to support as much as possible the green transition to renewable energy. We achieve this by the production of custom-made environmental friendly heat pumps.

We develop and produce heat pumps which are integrated by our customers to a full domestic heating appliance.

Morehouse has experience with:

- air/water heat pumps
- water/water heat pumps





Compressed air dryers

Water... the essence of life, curse of the pneumatics industry.

Since its foundation in 1958, Morehouse produce compressed air dryers under own label and for OEM customers. She distinguished herself in high quality, sustainability and reliability. For the treatment of your compressed air you can count on 2 sustainable ranges of refrigerant dryers: the cycling thermal mass dryer and the non-cycling direct expansion dryer. Both dryers have a minimal need of maintenance.

Thermal mass Refrigerated Dryer

The unique concept of the thermal mass dryer is developed and invented by Morehouse. The big difference with other cycling air dryers is the heat exchanger immersed into a liquid thermal buffer. This results in a stable pressure dew point even with varying load conditions. A precisely well integrated controller reduces the power consumption of the compressed air dryer by running the compressor only when necessary. This leads in a substantial cost saving compared with a direct expansion dryer, which runs continuously.

TMS  **4-900**

Direct expansion dryer

Our direct expansion dryer is a compact and user-friendly solution for drying your compressed air. We use therefore all-in-one stainless steel plate heat exchangers with integrated water separator.

Dx  **4-285**





Product development

Morehouse is your ideal partner for all your refrigeration projects. Our team of experts guarantees you a custom-build solution and works out your concept into a finished product. We are working many years for leading engineering offices, industries and inventors.

We can manage and support you with various product certifications such as CE, UL, CSA,...

In the development of your products, we take into consideration the smallest ecological footprint. We are doing this by using recyclable and sustainable materials, but also by using natural refrigerants. Morehouse features the most recent technologies for using flammable refrigerants.



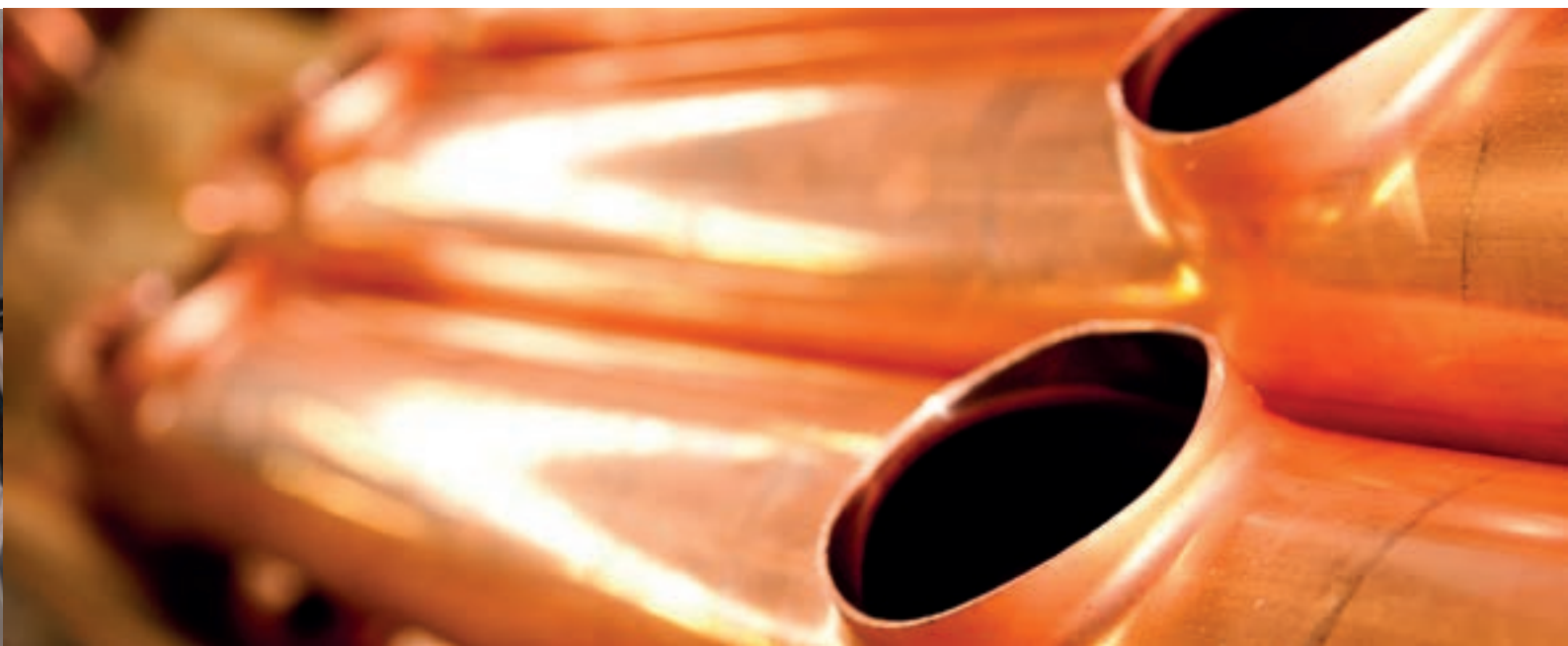
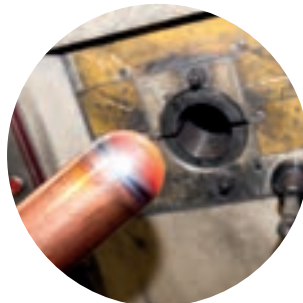


Also your partner for copper and aluminum!

In the name of Refco, we can assist you with mechanical shaping and brazing of copper and aluminum tubes. Since 1988, Refco produces a wide range of semi-finished products for world leading manufacturers at home and abroad. A lot of our customers are active in the refrigeration business or manufacture machines and devices wherein liquids or gasses have to be cooled or heated.

To ensure fast deliveries, Refco takes the most common tubes and parts in stock. Together with our customers we align your needs with our possibilities in a rolling plan.

Your request is our challenge, even for small batches or complex products.





Morehouse

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