

## ADVANTAGES

### PRODUCTS

High-quality products (reliable, durable, resistant)  
Customized to meet customer requirements  
(color, volume, position in machine, etc.)  
Entirely manufactured in-house.

### SERVICES

Installation maintenance to ensure long life  
and proper operation.



## ADDITIONAL SERVICES

### COOLER RENTAL

MARKSA has a diversified chillers' portfolio for temporary requirements. We offer flexible EXW terms. Other Incoterms are available.

### BUY-BACK OF USED COOLERS

We can buy used equipment from our customers. This service enables us to upgrade the equipments and adapt them to potential changes in the cooling needs.

### DISPOSAL OF COOLERS

MARKSA offers responsible disposal services. We take care of the cooler's destruction and properly treat cooling fluids.

### DELIVERY OPTIONS

Customers usually arrange their transport, but MARKSA can coordinate national and international deliveries on request.

## INDUSTRIAL REFRIGERATION

Refrigeration solutions for various industrial applications.

## COMPRESSED AIR AND VACUUM

Reliable compressed air and vacuum systems.  
Official Atlas Copco distributor.

## AFTER-SALES SUPPORT

Complete maintenance and repair services.

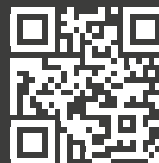


**Products compliant** with international norms  
EPA - AIM act (USA) version 2025  
EU 2024/573 (F-GAZ) (EU)



## A WORLD OF ENERGY

Discover the world  
of MARKSA



**MARKSA S.A.**  
39 Av. du Technicum  
CH - 2400 Le Locle  
T +4132 933 55 55  
marksa@dixi.ch  
www.marksa.ch

## STANDARD PRODUCTS

Water Cooling System (CSW)), Semi-active Water Cooling System (CPW), Oil Cooling System (CSO), Semi-active Oil Cooling System (CPO), Heat Exchanger for Water (GH), Heat Exchanger for Oil (GHO) and electric cabinet (GAE) heat exchangers.



CSW 900 - 03C  
HIGH-PERFORMANCE REFRIGERATION

9 kW cooling capacity. Handles demanding thermal loads in industrial applications. Multi-circuit, multi-fluid thermal control. Temperature accuracy of  $\pm 0.1^\circ\text{C}$ .



CSW 100 CUSTOM-MADE  
COMPACT SOLUTION

Easily installed on workbenches or in confined spaces. Quiet construction. Accuracy of  $\pm 0.1^\circ\text{C}$  ensures constant cooling. For sensitive research and industrial processes.



CSW 100 CUSTOM-MADE  
SPECIALIZED REFRIGERATION SOLUTION

Chilled water cooling. The  $0^\circ\text{C}$  reservoir enables very low-temperature cooling. Stainless steel construction guarantees hygiene. Peristaltic micropump for precise flow control.

## FUTURE DEVELOPMENTS

### IMPROVED POWER RANGE

Develop systems with cooling capacities from 1 to 6 kW. Maintain precise temperature control over a wider power range.

### NATURAL REFRIGERANTS

Integrate flammable hydrocarbon-based refrigerants. Improve environmental sustainability while ensuring compliance with safety standards.

### ADAPTIVE CONTROL

Use variable-speed compressors for dynamic cooling. Optimize energy efficiency through intelligent load adaptation.

### MODULAR DESIGN

Create adaptable, cost-effective refrigeration modules. Enable customization and streamlining of manufacturing processes.

## CUSTOMIZATION OPTIONS



Size of pump(s)



Monitoring



Reservoir size



Various cooling fluids



Tropicalization



Temperature control precision



Heating element



1-4 independent circuits