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Protection your through regular maintenance and servicing of your refrigeration system

Regular preventive maintenance and servicing measures ensure that your cooling system runs smoothly and that leaks can be prevented. Especially in summer, when hot temperatures subject your systems to high stresses, you need continuous and reliable cooling for your production process. Act with foresight and have your cooling system professionally inspected and serviced, especially before the summer months. Then you can stay chilled, even when it gets hot.

DELTATHERM® Maintenance Service

Our maintenance service covers your complete system – including inspection, cleaning and check of your cooling system. You can instruct us to carry out the maintenance only once, or on a regular basis after concluding a maintenance contract.

When you sign a maintenance contract, we remind you when your next maintenance is due and arrange a date that suits you. This way you will not miss any of the regular maintenance checks.

Your advantages

You extend the service life of your cooling system, reduce operating costs and increase your process reliability at the same time. In addition, you ensure specification-compliant operation.

Please feel free to contact us at service@deltatherm.de

Products from our range



Industrial series cooling towers with open or closed circuit from 80 to 18,000 kW cooling capacity



Dry and hybrid coolers for water, oil or emulsion from 0.5 to 15,000 kW cooling capacity



Rack chillers in the power range with 0.15 - 3 kW cooling capacity; up to 10 kW as heat exchanger



Industrial cooling machines for water, oil and emulsion from 0.2 to 5,000 kW cooling capacity



Temperature control units for water up to 160 °C and oil up to 350 °C



Immersion cooler for water, oil and emulsion from 1.7 to 115 kW cooling capacity

Subject to errors and mistakes in content.
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F-Gas Regulation

according to Regulation (EC) No 517/2014 and 1005/2009

Prevention and testing as active environmental protection

Extend the service life of your cooling system and protect the environment with DELTATHERM®



Regular leak tests of your plant ensure that no leak remains undetected because the consequences are dire: energy loss, production losses and an increase in the greenhouse effect.

Take precautions – Talk to us!



Take precautions – for yourself and the environment

The F-Gas Regulation has been in force since 1 January 2015 with the aim of avoiding emissions of fluorinated greenhouse gases. F-gases contribute significantly to the greenhouse effect. The aim of the regulation is to prevent unintentional release of fluorinated greenhouse gases. This regulation also affects all operators of refrigeration and air-conditioning systems, heat pumps, etc. From 2020, refrigerants with a GWP value of ≥ 2500 may no longer be used in new systems.

A strict ban on refilling the refrigerant HCFC R22 has been in place since 2015.

For the operator of the refrigeration systems there are two possibilities:

- Replace the refrigerant
- Replace the complete system

Your benefits

- Long-term savings thanks to lower energy consumption
- Grants from the Federal Office of Economics and Export Control (BAFA) possible



Our services

- Conversion of cooling systems
- Refrigerant exchange
- Inspection and maintenance of your refrigeration system for function and operational safety in accordance with Section 22 of the Austrian Refrigeration Ordinance

Legally required - inspections of your refrigeration system

Based on the F-Gas Regulation (Regulation (EC) No. 517/2014 and 1005/2009 of the European Parliament), the operator of refrigeration systems must carry out the following leak tests:

- **Refrigerant charge: CO₂ equivalent > 5t**
Annual check (with existing leakage monitoring system: every two years)
- **Refrigerant charge: CO₂ equivalent 50 – 500t**
Semi-annual check (with existing leakage monitoring system: annually)
- **Refrigerant charge: CO₂ equivalent > 500t**
Quarterly check (if leakage detection system is available : half-yearly)

The installation of commercial refrigeration systems is now only permitted by certified personnel. The operator of the system must keep the records of the leakage inspections for at least five years. Any leaks detected must be repaired immediately. One month after the repair, the elimination of the leakage must be checked again by certified personnel.



Our services

- Leak tests
- Repair or replacement of leaking systems
- Test book and test seal
- Maintenance contract

Since 1971 DELTATHERM® has been one of the leading German manufacturers of industrial refrigeration and temperature control systems. Wherever cooling and temperature control is needed – DELTATHERM® offers tailor-made cooling concepts and standard solutions. Worldwide.

We will also gladly provide advice and assistance with regard to the F-Gas Regulation.

With DELTATHERM® Service „Made in Germany“

Support

- Maintenance and servicing
- In-house service inspection
- Tool cleaning / System cleaning
- Trainings
- Spare parts
- Rental coolers and used machines

Optimization

- Conversion / modification
- Consulting / Support