

JOB REPORT

Rental Cooling ARCTOS Mobile Cooling Systems

ARCTOS Industrial Cooling AG produces cooling for renovations, refurbishments, and production peaks.

When cooling is needed quickly or for a limited time, ARCTOS offers a flexible solution with its mobile cooling systems.

The mobile cooling systems are used across all industries served by ARCTOS, from the food industry to ground freezing and the chemical industry.





JOB REPORT

The mobile cooling systems can be installed and operated on-site by ARCTOS at short notice, including transport, setup, filling, commissioning, and, if necessary, maintenance.

All that remains for you is to provide the electrical power and, of course, to utilize the cooling.

If available, cooling production can begin at your site within three days.

An NH_3 absorption unit ABSL175 can optionally be retrofitted and is suitable for capturing the refrigerant in emergency situations.

Some mobile cooling systems are equipped with titanium plate heat exchangers, allowing operation with CaCl₂ or other aggressive media as cooling carriers.

Thanks to the ability to use various cooling carriers and the high mobility provided by the 30' container, there are virtually no limits to their application.

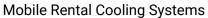
TECHNICAL DATA

Kältemittel	NH ₃ (R717)
Refrigerant Quantity	150 kg
NH ₃ Evaporation Temperature	between +3° C and -35° C
NH ₃ Condensation Temperature	between +20° C and +47° C
Cooling Capacity Q ₀	Dependent on cooling carrier and temperature, between 120 kW and 500 kW
Compressor Manufacturer	GEA-Grasso
Compressor Type	open screw compressor
Drive Power Pe	max. 135 kW (tc = +47° C)
Cooling Carrier	H ₂ O or ethylene/propylene glycol, CaCl ₂ , others on request
Water or Brine Inlet t _{S1}	dependent on cooling carrier, between +12° C and -30° C
Water or Brine Outlet t _{S2}	dependent on cooling carrier, between +6° C and -33° C
Cooling Medium	Air (max. 34° C)
Container	30´ custom container
Weight	12,000 kg (without media filling)
Dimensions	9.5 x 2.7 x 3.2 m (LxWxH)



JOB REPORT







Mobile Rental Cooling Systems

Do you have any questions or comments? We are happy to assist you:

Location Flensburg / Sörup ARCTOS Industriekälte AG <u>Schulstraße 33</u> | D-24966 Sörup

Telefon: <u>+49 (0)4635 - 292 82-0</u> E-Mail: <u>arctos@arctos-ag.com</u> Internet: <u>www.arctos-ag.com</u> **Location Hamburg / Braak**ARCTOS Industriekälte AG
Bergkoppel 2 | D-24966 Braak

Telefon: <u>+49 (0)40 - 309 978 7-0</u> E-Mail: <u>arctos@arctos-ag.com</u> Internet: <u>www.arctos-ag.com</u>