

Chiller specification

Company: _____
Project: _____ Annual qty: _____
Contact person: _____
Phone: _____
E-Mail: _____
Author: _____ Date: _____

Application description:

Ambient and installation conditions

Location indoor outdoor
Ambient temperature min.: _____ °C max.: _____ °C
Distance to machine/device _____ m
Geostatic difference to machine/device (if any) _____ m
Installation altitude _____ üNN
Ambient contamination/pollution (if any) _____

Technical requirements / data

Required cooling load _____ kW
at _____ °C heat transfer fluid/coolant (water/glycol, oil)
at _____ °C ambient temperature (e.g. air)
Condensing mode air-cooled water-cooled
Coolant temperature range from: _____ °C to: _____ °C
Power voltage _____ V Phases _____ PH Frequency _____ Hz

Temperature stability & control

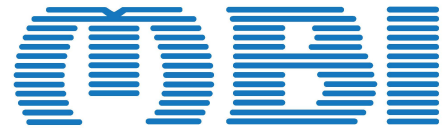
Temperature stability (hysteresis)
(Standard ± 2 K): ± 0.1 K ± 0.5 K ± 1.0 K
Control mode: fixed set point "ambient tracking"
(differential temperature control)

Pump specification

Volume flow: _____ l/min
Pressure head: _____ bar
Coolant connections: _____ Internal threaded (1/2", 3/4", etc.)

Heat transfer fluid / coolant

Coolant: water-glycol glycol-content _____ %
 mineral oil ISO _____ / _____ cSt
Certification / approval CE UL (508a) others _____
Documentaion (Standard DE/EN/IT/FR/ES/RU): _____



Specification of a customized chiller application

Additional data for water-cooled chillers with external water supply (secondary cooling water)

Inlet temperature: min.: _____ °C max.: _____ °C
 Guaranteed volume flow: _____ l/min
 System pressure: min.: _____ bar max.: _____ bar
 Type of recooling system: _____ e.g. cooling tower, process water, well water, city water a.s.o.

Configuration / accessories

Notes

- Lifting lugs / eye-bolts _____
- Feet, adjustable _____
- Hydraulic bypass (overflow-valve) _____
- Flow-switch Set-point _____
- Tank level switch _____
- Air filter, aluminum _____
- Clogged filter guard _____
- Identification & display of single alarms (error message) _____
- Alarm for a specific parameter _____
(Standard is common alarm)
- Shut-off valve (nonreturn-valve+solenoid-valve) _____
- Castors (wheels) _____
- Speed-controlled fan _____
- Inline-filter coolant (cartridge mesh filter) Mesh size _____ µm
- Frame colour (Standard RAL 7035): _____
- Stainless steel housing (no F&B grade) _____
- Stainless-steel coolant tank _____
- Automatic tank refill function _____
- Without coolant tank _____
- Without coolant circulation pump _____
- El. heater 1 kW 3 kW _____
- CL closed-loop, pressurized hydro-circuit _____

Electric

Notes

- Control voltage (Standard 24 V AC) _____
- Industrial connector (e.g. Harting) _____
- Remote power control on/off _____

Other options / functionality

Notes