

AL-KO THERM HYDRO-OPT commissioning requirements

Please make sure that the following points are taken care of by the time of the commissioning date:

- RLT equipment installation is completed
- Equipment is completely connected and operational on the air-side.
- Electrical lines are laid completely and connected, the end cabling on the construction has been completed in advance by an electrician according to VDE regulations.
- Voltage is available at the terminals of the switch cabinet.
- External components (e.g. sensors, thermostats, pressure boxes, flap positioning motors, etc.) are properly installed and operational.
- Integration into external control systems is available.
- Fresh water and drain water connections are completed.
- The HYDRO-OPT system is completely filled with brine / glycol and carefully vented.
- All installation arrangements, such as building feed throughs and their sealing, attachment options of lines in and outside of the building or on the roof have been completed.
- Lifting platform, scaffolding and ladders are provided onsite, according to the provisions of the Employers' Liability Insurance Association, safety precautions have been taken.
- Cabinet, ventilation systems and equipment are accessible and fully available.
- To switch systems without restrictions in accordance with the requirements is qualified personnel available and present for the on-site training.

Notes:

- Air volume, pressure and output measurements on the equipment or systems as well as channel network are not included in the scope of services for the commissioning by AL-KO Therm.
- Not all control parameters regarding seasonal (e.g. heating in summer, cooling in winter) or load-dependent items (e.g. no occupancy by persons or no operation of machines in the space) may be optimally set during commissioning. Therefore, it may be required that individual parameters must be adjusted when conditions change accordingly. This kind of adjustment work is charged according to the effort involved using our current charge rates.
- The commissioning does not include a claim for free fault rectification, even during the warranty period.
- The commissioning of the ventilation system does not include liability for the proper planning, dimensioning and implementation of the complete system.
- Any defects noted in the commissioning log must be rectified immediately and then verified after one month at the latest. This is the basis for the warranty.
- If any of the above-listed preliminary work has not been provided or is not available, then a new visit will be necessary. A second visit will only be carried out with an additional charge according to the time and travel expenses incurred. Our current charge rates apply. A new visit will only be carried out with verification of the work to be done.
- Wait times and fault rectifications for which we are not responsible will also be charged according to the effort involved.

Please fill out page 2 and return to the e-mail address listed above!

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Please fill out and return to the e-mail address listed above!

Commissioning HYDRO-OPT by AL-KO THERM

Client confirmation:

We hereby confirm that all necessary requirements (as per page 1) have been met by the time of the desired commissioning.

Desired commissioning date: _____

Date according to agreement. We must be notified of the desired date at least 8 weeks in advance.

AL-KO order no.: _____

Project: _____

Equipment location address: _____

Onsite contact: _____

Company: _____

Mobile no.: _____

Distance control cabinet – AHU: _____

Level control cabinet - AHU: _____

Additional comments: _____

Date/Location

Signature/Company stamp