

Commissioning Checklist for air handling units

Unit and property

Order no	AHU designation
Object / Project name	AHU type - size
Installation Address	Customer Name
Customer contact person	Customer phone number

Commissioning regulations

Commissioning may only be carried out by skilled personnel and according to the following check lists and documentation provided. The validity of the product warranty is conditional on the system having been correctly commissioned.

The Commissioning record is applicable to units which is delivered with integrated controls Siemens Climatix.

Control measures

The air handling unit must not be put into operation until all the items in the check list have been checked off.

	Check:	OK	Note
1.	Visually inspect the unit for damage after transport and assembly/installation.	<input type="checkbox"/>	
2.	That the unit is properly set up, the service and back up distance is sufficient and that the accompanying materials are removed from the unit.	<input type="checkbox"/>	
3.	That water-borne heating / cooling coils are connected and fluid flow exists and is adjusted.	<input type="checkbox"/>	
4.	If applicable, that the drain connections / water trap (condensate drain) is connected to the sewer, and that there is no reverse slope on the drain line.	<input type="checkbox"/>	
5.	Incoming control cable is connected to the correct terminals.	<input type="checkbox"/>	
6.	That loose delivered / additional components (e.g. sensors, detectors, timers) are mounted and connected to the correct terminals.	<input type="checkbox"/>	
7.	For units with pressure control: the hoses are connected in channel.	<input type="checkbox"/>	
8.	The incoming supply voltage, neutral and earth are connected.	<input type="checkbox"/>	

Commissioning

Air handling functions should be checked as follows.

		OK	Note
1.	Check that incoming supply voltages, zero and earth are connected. Check that there is a power supply.		
2.	Check that no error messages are displayed, address any errors.		
3.	Start the unit by navigating to the menu line SERVICE SWITCH, press the dial and select Auto.		
4.	Check that the supply and extract air flows are present and that min. air flow is reached according to data execution (Technical data).		
5.	Test all control functions according to the unit's functional description (operating chart) in a separate control diagram and Technical data.		
6.	Set the unit's operation in an internal timer-controlled duct.		
7.	Adjust the values of the control equipment if required. The original values/parameters can be found in a separate record (configuration).		
8.	Save commissioning settings to DUC and memory card: DUC: Log in with 2000 => Main menu => System summary => Save / Reset => Save comm. => Execute. Memory card: Insert an SD card => Log in with 2000 => Main menu => System summary => Save / Reset => Save param. to SD => Execute Tip! Transfer/save the settings from the memory card to the computer/folder as well for future use if required.		

Setpoints and settings

Main setpoint (Comfort htg stpt)	Comment
Time switch program (operating times)	Comment
Additional	Comment

Other comments and remarks

Signature

Commissioned date	Commissioned by (name/signature)
Commissioned by (company/region)	Clarification of signature

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.