

CleanMaster® hoods

CleanMaster® hoods are equipped with UV cleaning system that is guided by CCM control units.

CCM control unit:

- The number of the CCM control unit tells how many UV lamps are included in the system. For example CCM7 means there is 7 UV lamps.
- Should be installed as a standard in a visible place at the wall. If the unit is installed in a hidden place, extra guide panel is needed (ordered separately)
- CCM control unit is as a standard equipped with one airflow sensor. If a system with changing air flows are used, separate air flow sensors are available (ordered separately). The air flow sensor closes the system down if the ventilation has been turned off.
- The size of the control unit and slave unit is L400xK600xS150mm (size of the CCM1 is L300xK400xS150).
- The maximum length of the cable between control unit and uv lamp is 30m.

The connection strips for the hoods:

X1.1 = Hood 1, UV lamp

X1.2 = Hood 1, SlideSafe safety system

X2.1 = Hood 2, UV lamp

X2.2 = Hood 2, SlideSafe safety system

etc.

The connection strips:

X01 = Supply, 230VAC C10A

X02 = External control

X03 = Airflow sensor

X04 = Supply for the slave unit

X05 = Output to building automation system

Operating mode = "green" light, the system is operating normally

Warning = "yellow" light, airflow sensor has activated or the UV lamp should be changed soon (NOT in CCM1)

Alarm = "red" light, there is a dysfunction in the system or a broken component

Hood	Connection strip	Unit
1	X1.	1
2	X2.	1
3	X3.	1
4	X4.	2
5	X5.	2
6	X6.	2
7	X7.	3
8	X8.	3
9	X9.	3
10	X10.	4
11	X11.	4
12	X12.	4
13	X13.	5
14	X14.	5
15	X15.	5

12/2018



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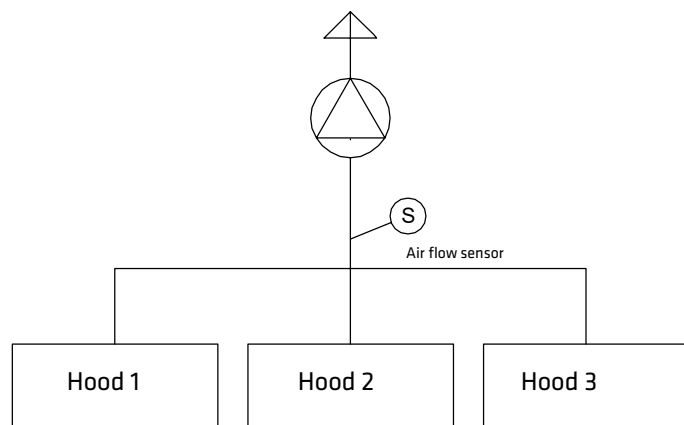
Date 21.11.2014

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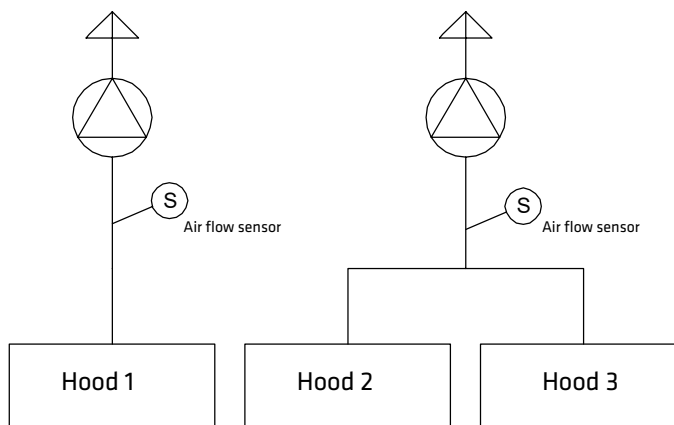
CCM control units

Electrical circuit diagram - front page

Choosing the right CCM Control units in different kitchen environments

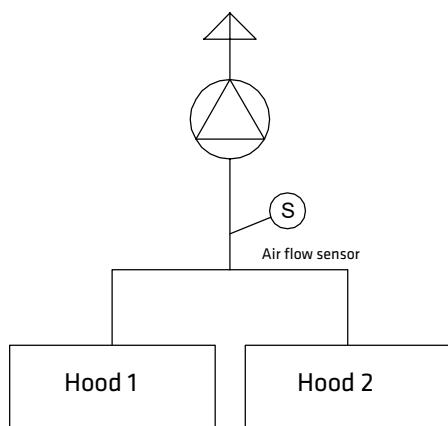


CCM3

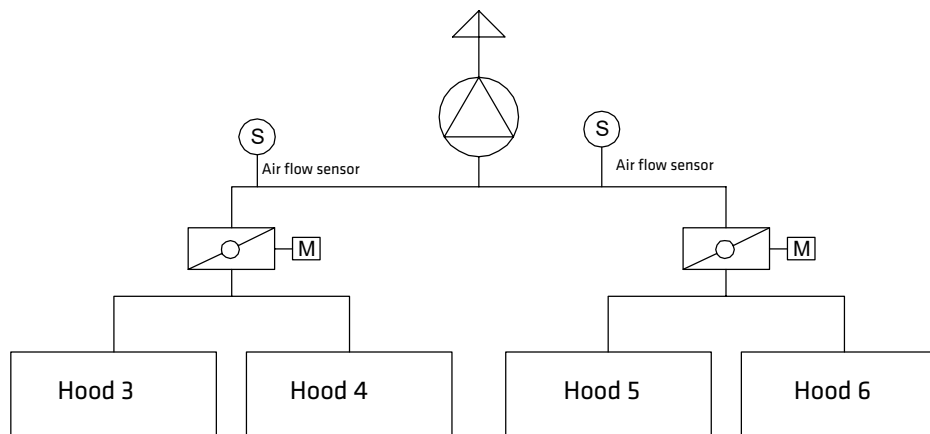


CCM1

CCM2



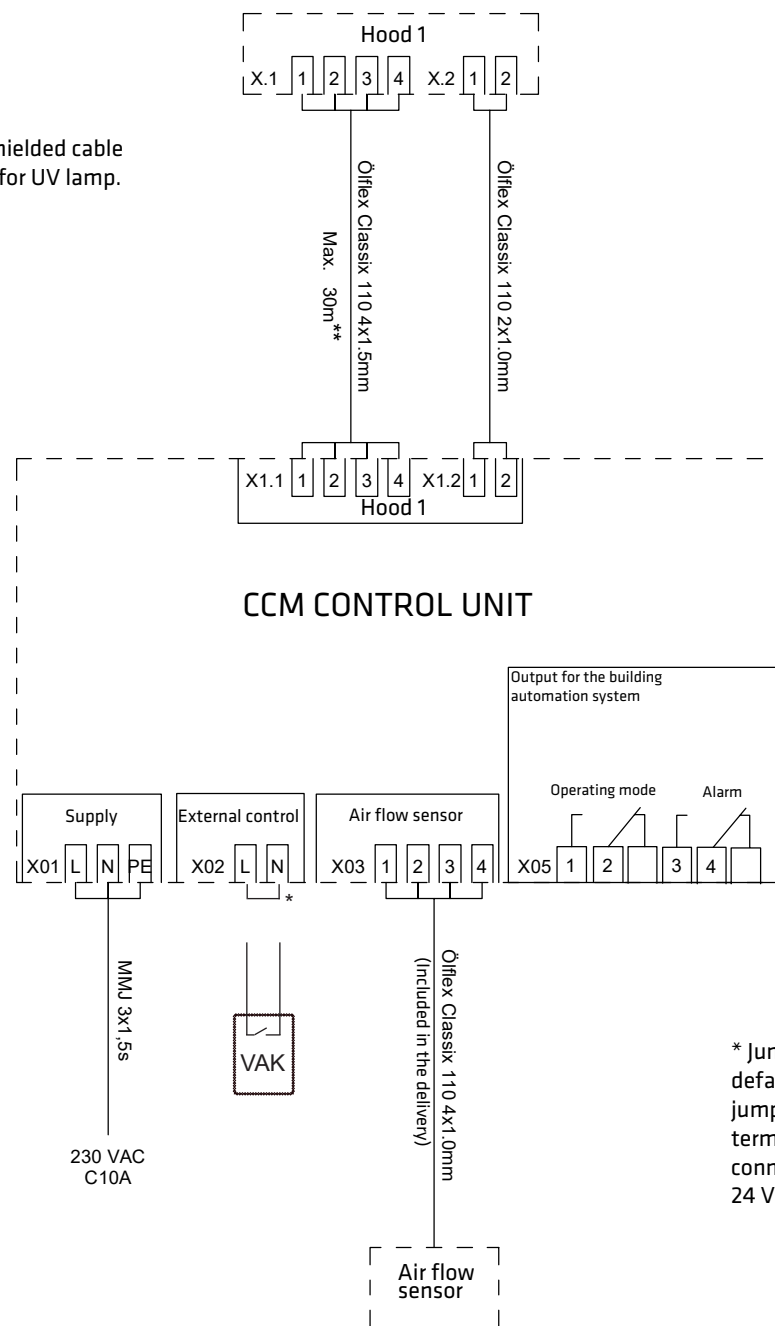
CCM2



CCM2

CCM2

**** DO NOT USE** shielded cable
as a supply cable for UV lamp.



* Jumper wire comes with the delivery by default. If you use external control, remove the jumper wire and connect X02 to a potential free terminal. DO NOT supply voltage to a X02 connection terminal. CleanMaster CCM supplies 24 V to X02 connection terminal.

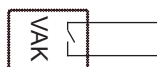


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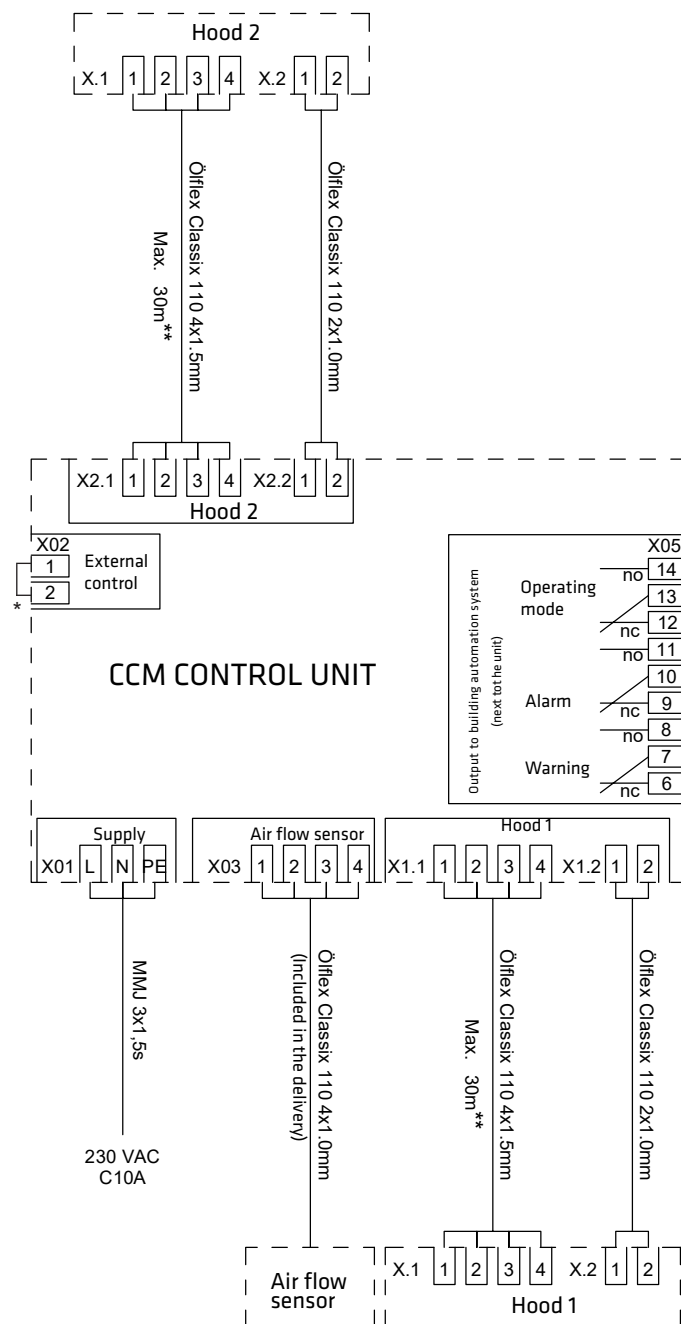
Date
04.06.2015

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CCM control units 1
Electrical circuit diagram

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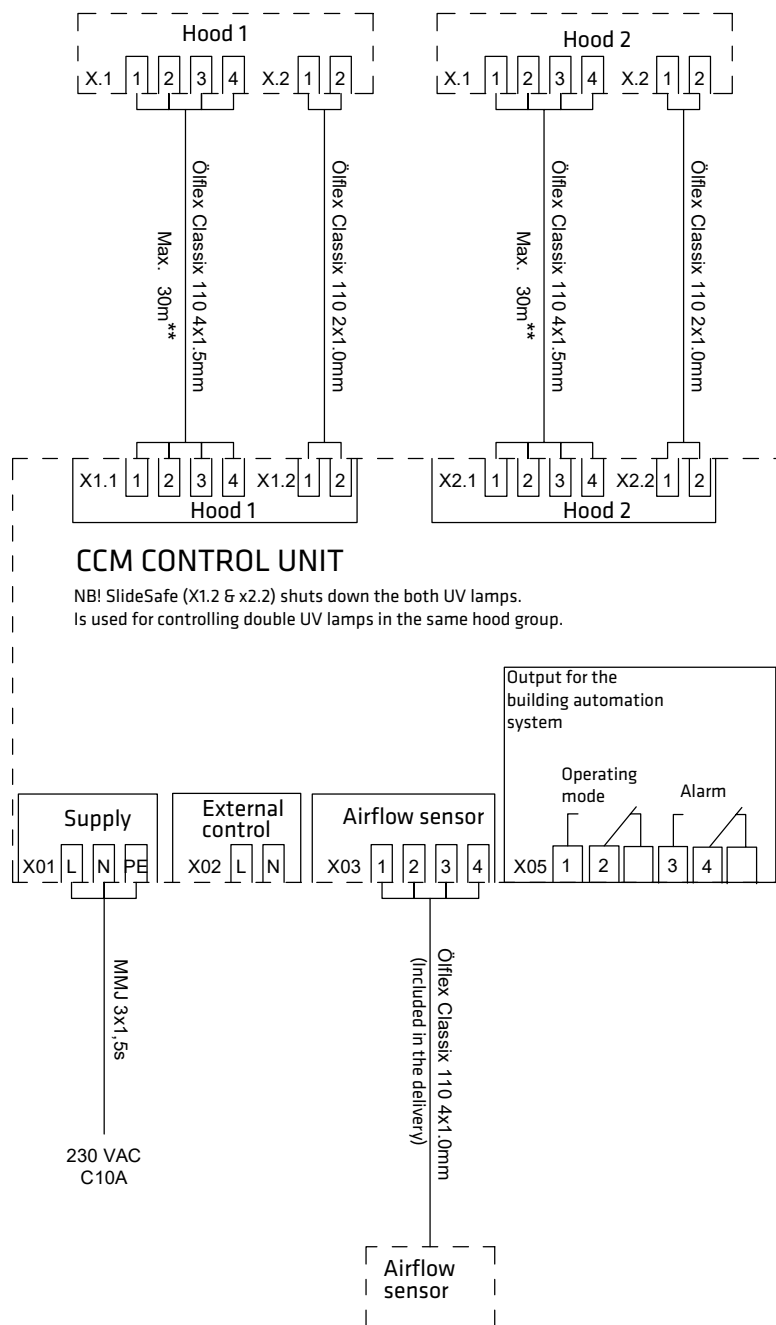


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CCM control units 2
Electrical circuit diagram

**** DO NOT USE shielded cable
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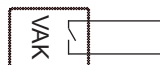
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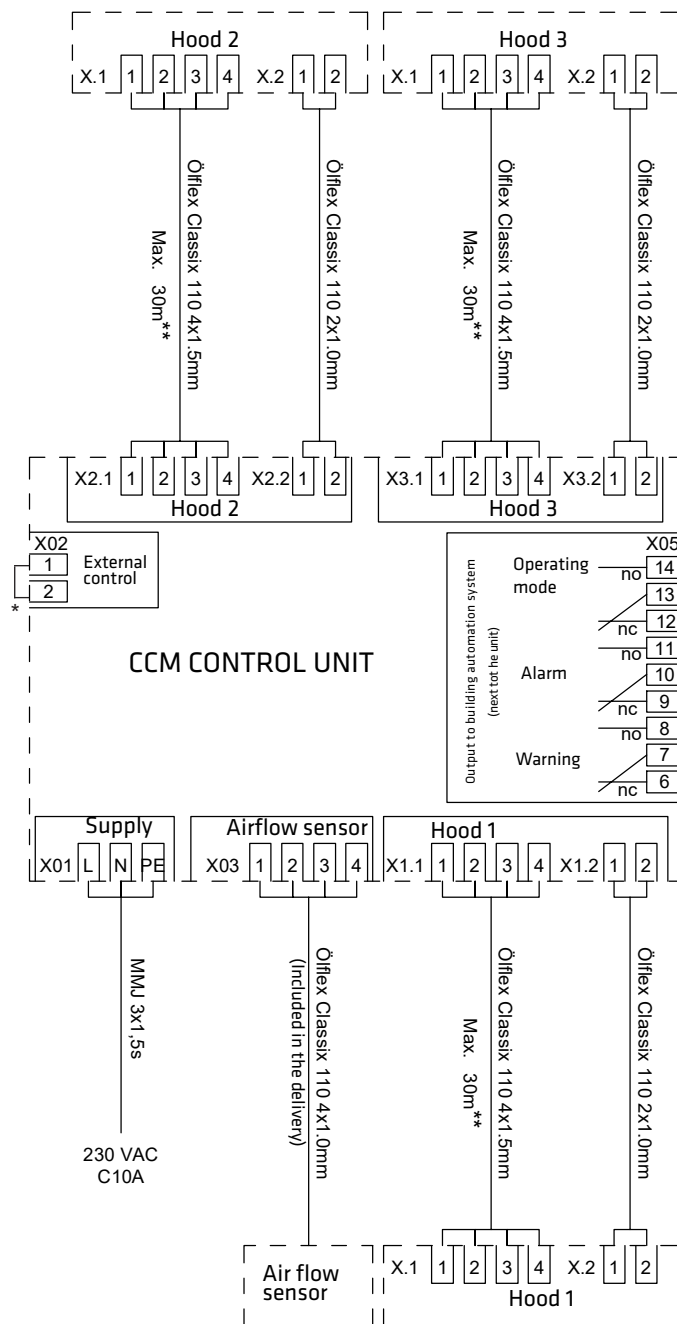
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CCM control units 2 RETROFIT
Electrical circuit diagram

SPECIAL MODEL

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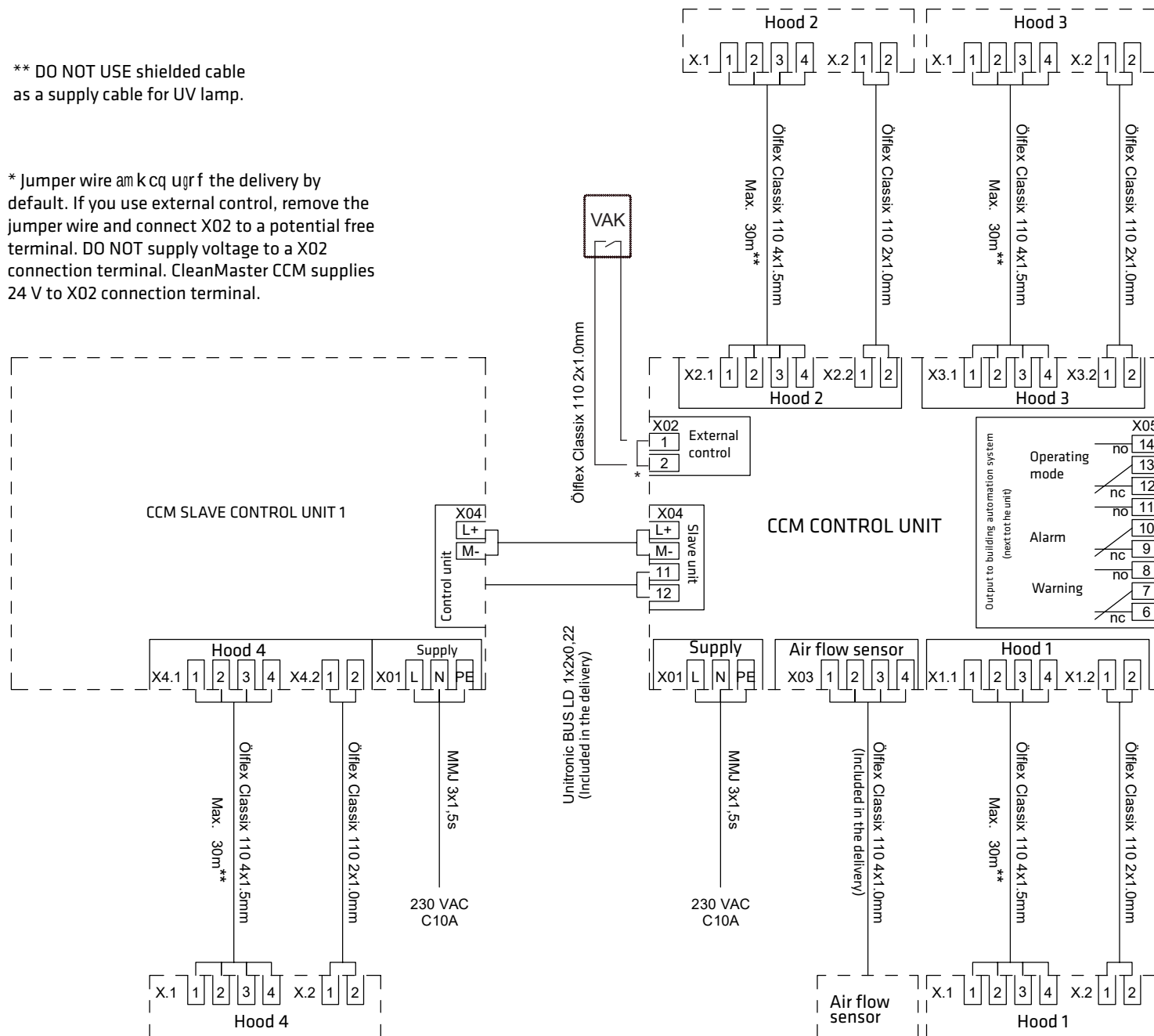
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CCM control units 3
Electrical circuit diagram

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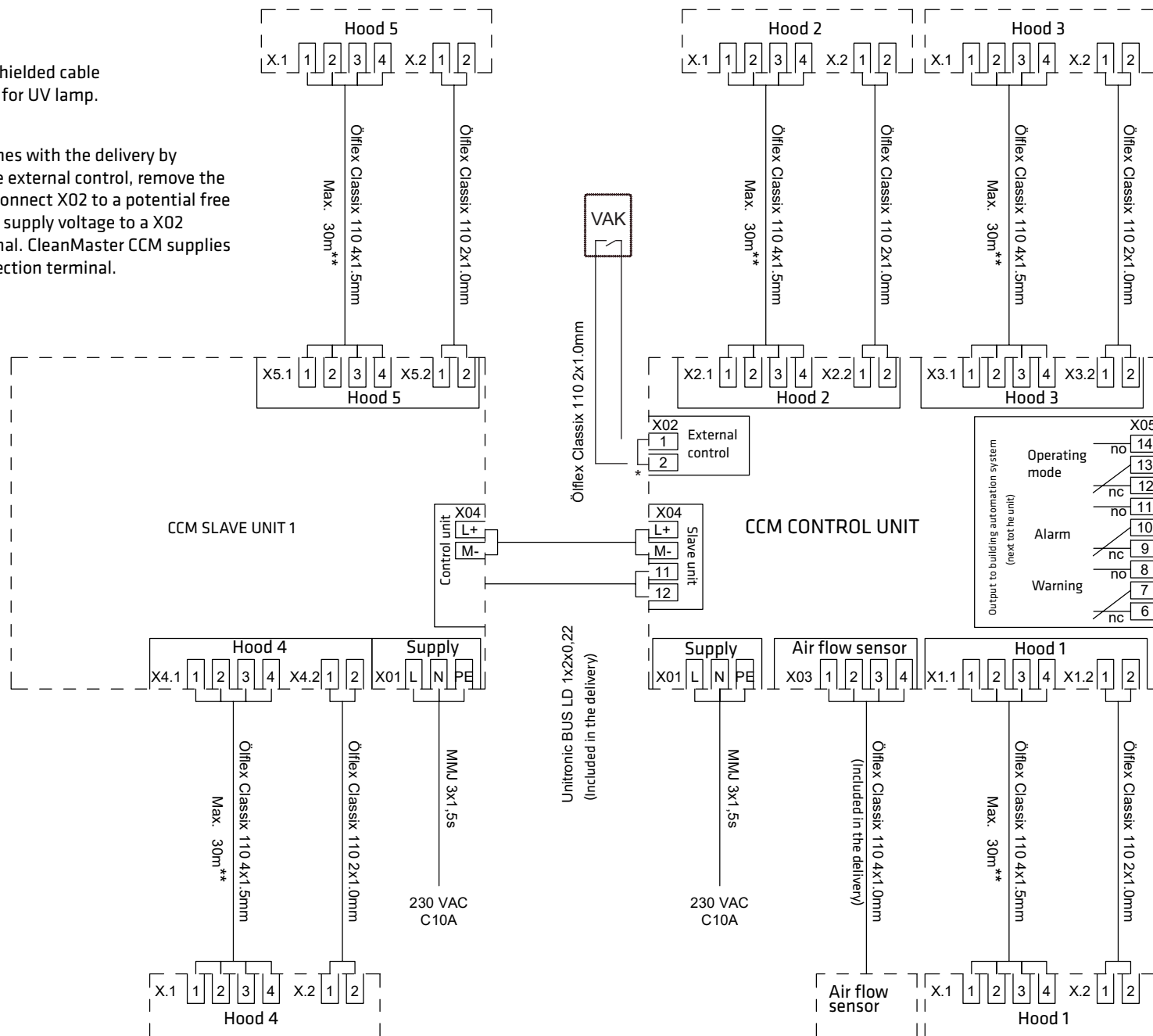
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CCM control units 4
Electrical circuit diagram

**** DO NOT USE shielded cable as a supply cable for UV lamp.**

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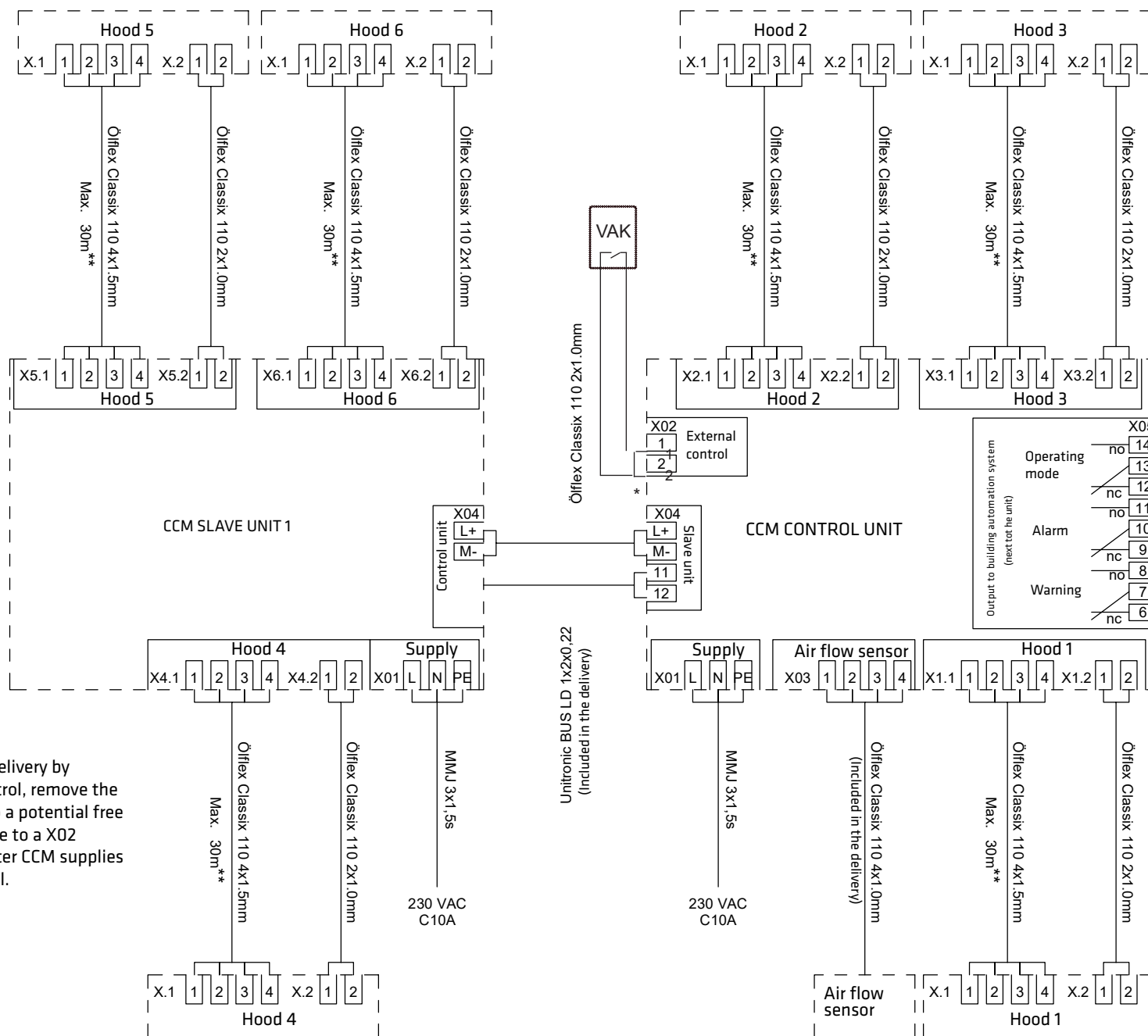
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CCM control units 5
Electrical circuit diagram

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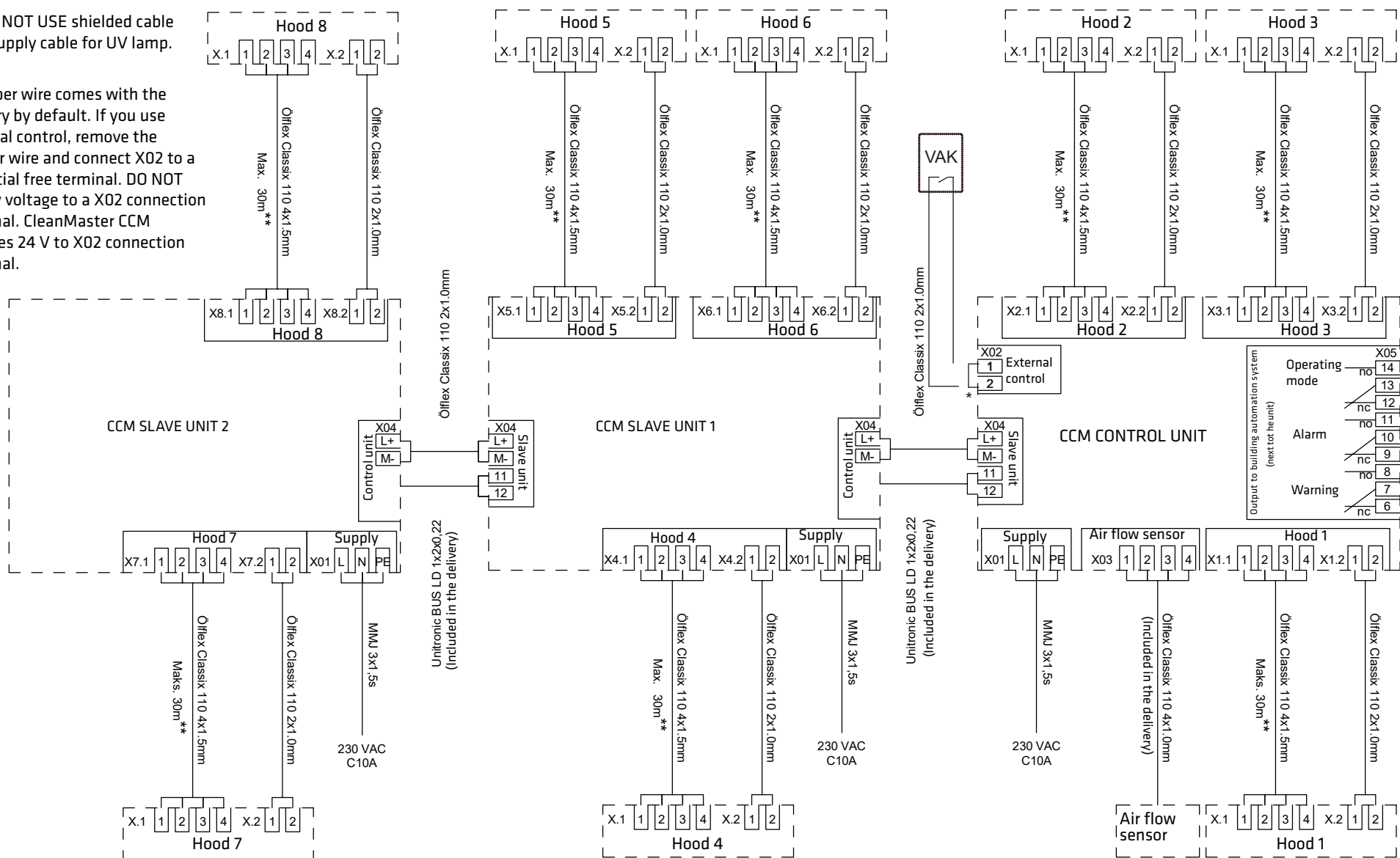
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CCM control units 6
Electrical circuit diagram

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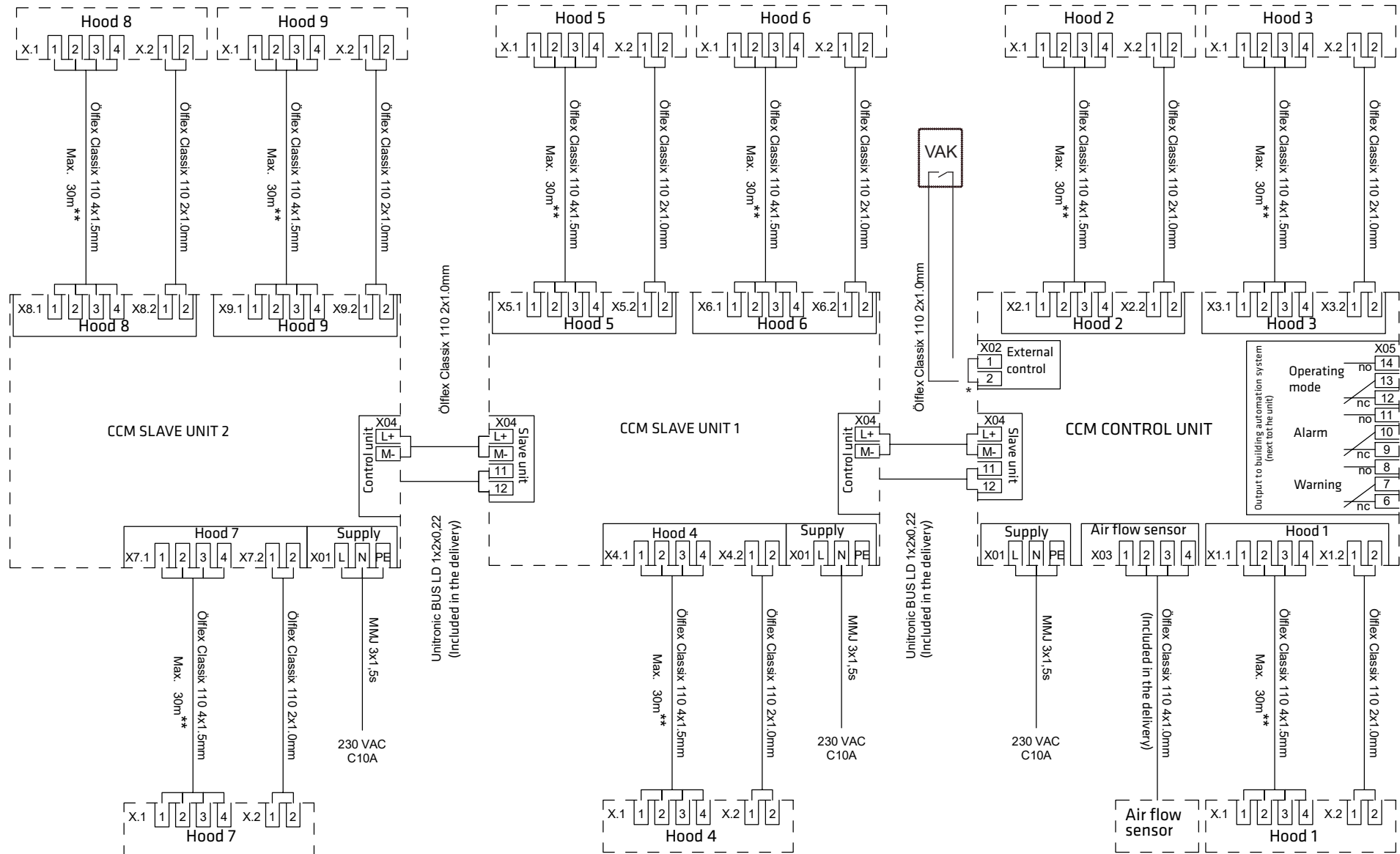
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CCM control units 6
Electrical circuit diagram

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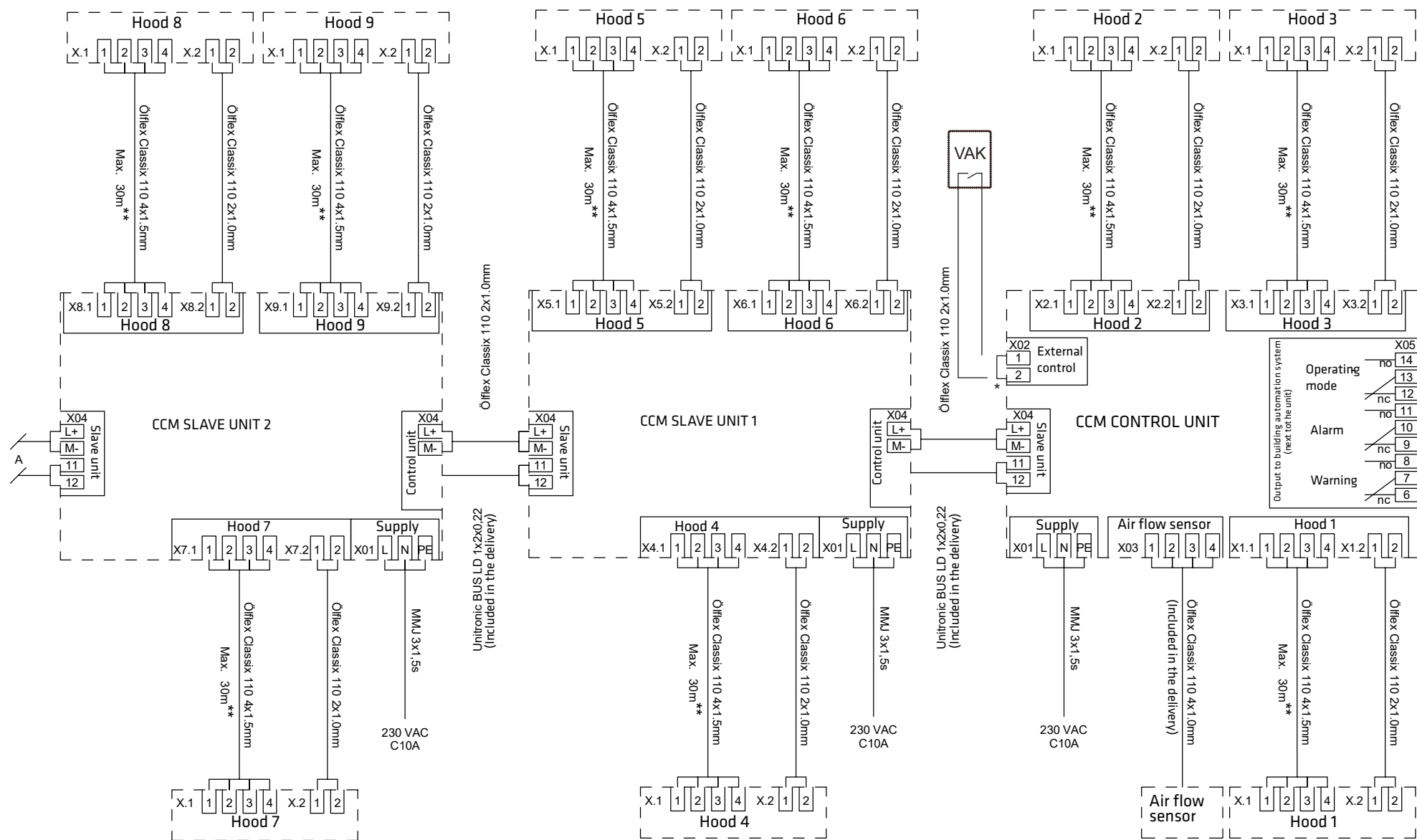
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CCM control units 9
Electrical circuit diagram

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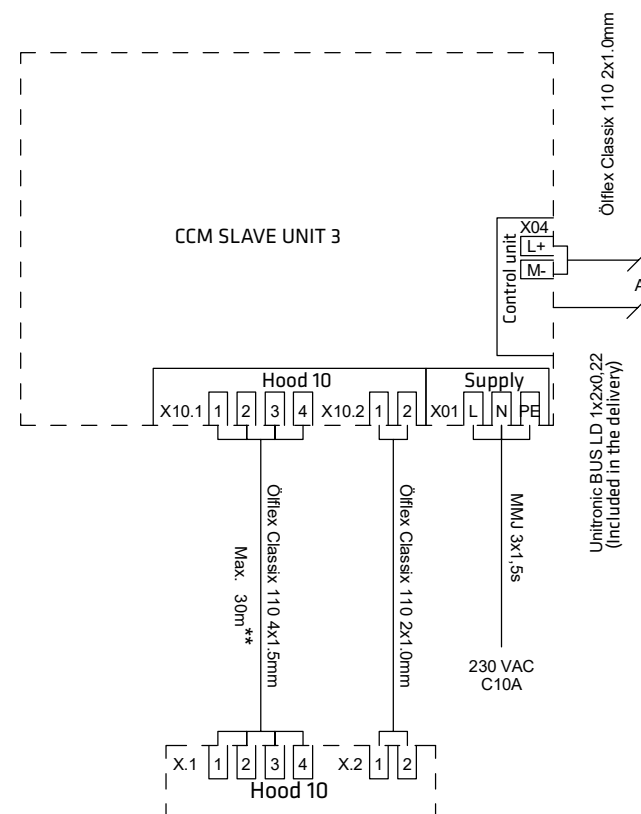


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CCM control units 10
Electrical circuit diagram

**** DO NOT USE shielded cable
as a supply cable for UV lamp.**



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Electrical circuit diagram