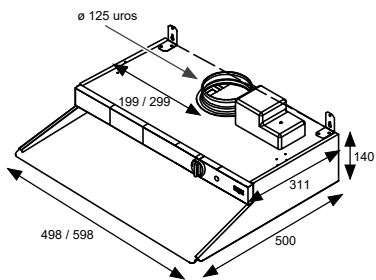
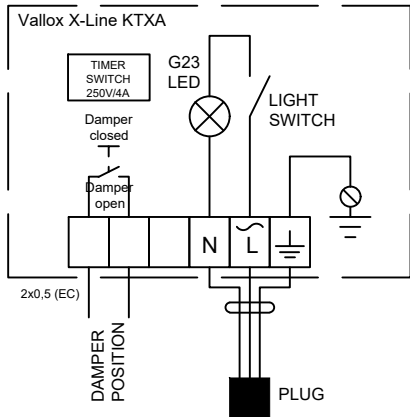


VALLOX X-LINE KTXA

DIMENSIONS



EXTERNAL CONNECTION



(EC = Electrical Constructor)

DESCRIPTION OF OPERATION

Vallox X-Line KTXA

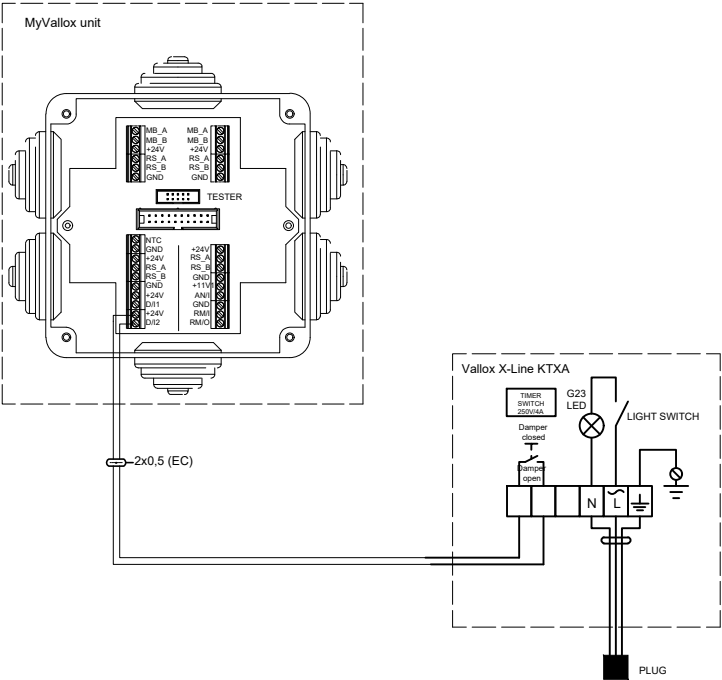
- The cooker hood is equipped with a steam collection part, a fixed glass, a grease filter, and a fluorescent lamp.
- The cooker hood is equipped with a mechanical timer damper that remains open for 60 minutes. Potential-free contact data (ends closed) is provided of the position of the damper. The minimum air flow of the cooker hood can be measured and adjusted.

PRODUCT NUMBERS

Model	Width	Color	Product number	HVAC-number	Electrical number
KTXA	500	White	2083300	7911125	8503593
KTXA	600	White	2083400	7911127	8503594

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VALLOX X-LINE KTXA CONNECTION TO MYVALLOX UNIT

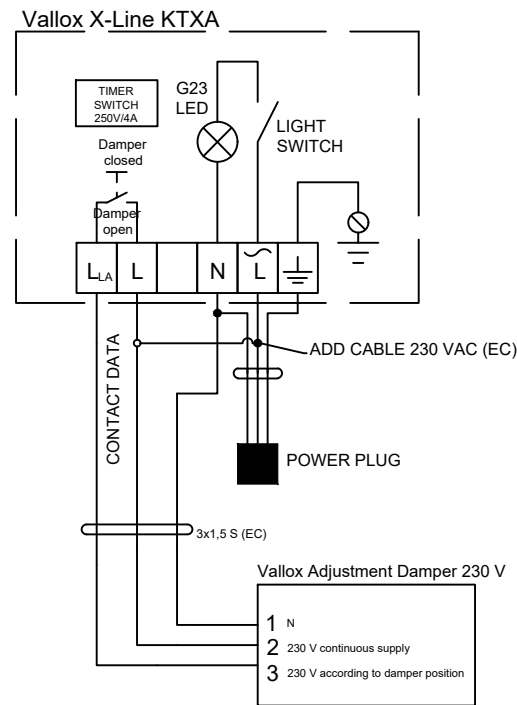


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								Vallox X-Line KTXA			
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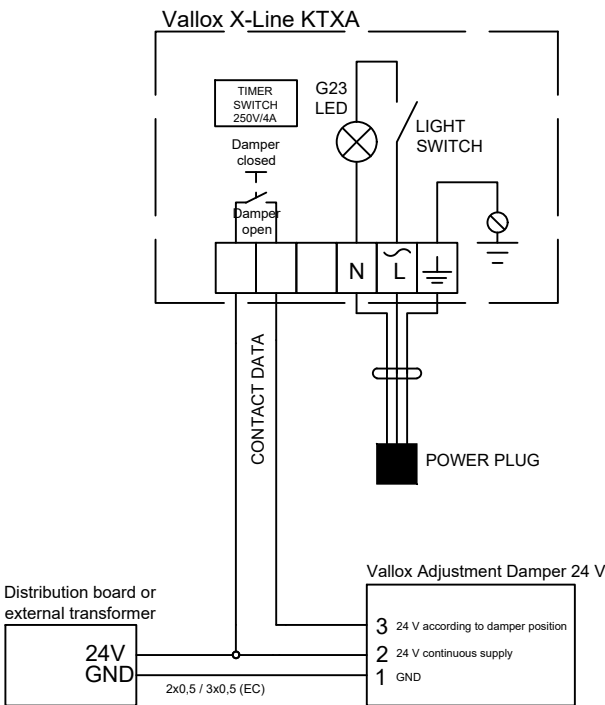
CONNECTION WITH VALLOX X-LINE KTXA COOKER HOOD

VALLOX ADJUSTMENT DAMPER 230 V, CONNECTION AND CONTROL



230 V adjustment damper receives supply voltage directly from the cooker hood.
230 V adjustment damper power consumption = 1 W.

VALLOX ADJUSTMENT DAMPER 24 V, CONNECTION AND CONTROL



24 V adjustment damper requires separate voltage supply (either external 24 V transformer or voltage supply from distribution board).
24 V adjustment damper power consumption = 2 W.

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VALLOX X-LINE KTXA

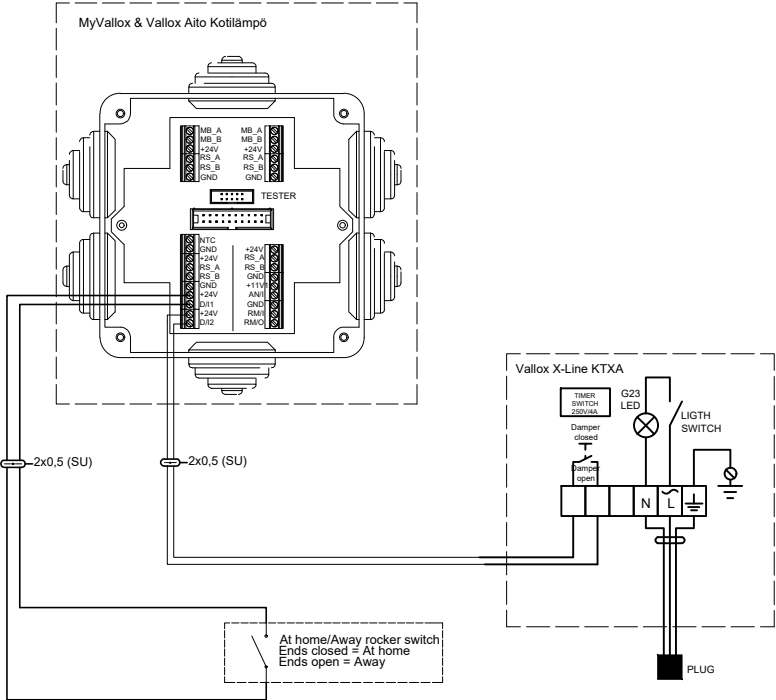
CONTROL METHODS FOR MYVALLOX VENTILATION UNITS AND VALLOX AITO KOTILÄMPÖ

Control method 5A: At home/Away switch, contact data of the position of the cooker hood damper, humidity and carbon dioxide -based control

MyVallox ventilation units do not have a control panel. The setup of the unit is completed through a computer or a setup control panel. The switch located in the lobby is used to select either the Away or the At home mode. The speed of the fans increases to the selected speed based on the contact data received from the Vallox Delico KTD A or Vallox X-Line KTXA cooker hood indicating that the damper is open. For the duration that the damper is open, the speeds of the supply and extract air fans will be set so that the ratio between the supply and extract air flows does not change. The damper of the cooker hood will close after one hour (can be adjusted through the models KTD A) when the timer is used, or it can be closed by using the button located on the cooker hood, after which the fan speed is restored to the previously used speed. When the humidity or carbon dioxide level of the extract air increases, ventilation is boosted. When the error data/alarm of the cooker hood (Alarm) is connected, the signal light of the cooker hood will flash when a maintenance reminder or error data is received from the ventilation unit. The relay setting options of the ventilation unit are maintenance reminder, error data, both, or off. If the signal light is not turned on, Alarm cables can be left disconnected.

Control method 5B: Contact data of the position of the cooker hood damper, humidity and carbon dioxide -based control

MyVallox ventilation units do not have a control panel. The setup of the unit is completed through a computer or a setup control panel. The speed of the fans increases to the selected speed based on the contact data received from the Vallox Delico KTD A or Vallox X-Line KTXA cooker hood indicating that the damper is open. For the duration that the damper is open, the speeds of the supply and extract air fans will be set so that the ratio between the supply and extract air flows does not change. The damper of the cooker hood will close after one hour (can be adjusted through the model KTD A) when the timer is used, or it can be closed by using the button located on the cooker hood, after which the fan speed is restored to the previously used speed. The ventilation unit normally uses the fan speed set for the Away mode and the ventilation is boosted when the humidity or carbon dioxide level of the extract air increases. When the error data/alarm of the cooker hood (Alarm) is connected, the signal light of the cooker hood will flash when a maintenance reminder or error data is received from the ventilation unit. The relay setting options of the ventilation unit are maintenance reminder, error data, both, or off. If the signal light is not turned on, Alarm cables can be left disconnected.



Select At home/Away as the setting used for the digital input 1 and Programmable input as the setting used for the digital input 2. Set the desired supply and extract air fan speed for the Programmable input and select a suitable supply air temperature. Set error message, maintenance reminder, both, or off as the relay function.

CONTROL METHODS FOR MYVALLOX VENTILATION UNITS

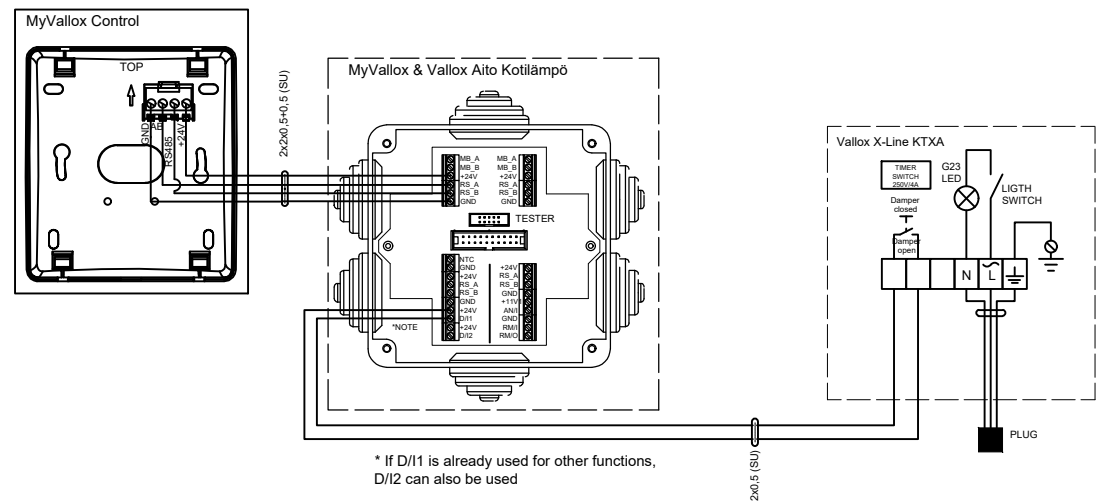
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VALLOX X-LINE KTXA

CONTROL METHODS FOR MYVALLOX VENTILATION UNITS AND VALLOX AITO KOTILÄMPÖ

Control method 6: MyVallox Control panel, contact data of the position of the cooker hood damper, humidity and carbon dioxide -based control

The fan speed of the MyVallox ventilation unit is adjusted from the MyVallox Control -panel (Away/At home/Boost). From the boost mode, the fan speed restores to the previously used speed after 30 minutes (can be adjusted). The speed of the fans increases to the selected speed based on the contact data received from the Vallox Delico KTD A or Vallox X-Line KTXA cooker hood indicating that the damper is open. For the duration that the damper is open, the speeds of the supply and extract air fans will be set so that the ratio between the supply and extract air flows does not change. The damper of the cooker hood will close after one hour (can be adjusted through the model KTD A) when the timer is used, or it can be closed by using the button located on the cooker hood, after which the fan speed is restored to the previously used speed. When the humidity or carbon dioxide level of the extract air increases, ventilation is boosted. When the error data/alarm of the cooker hood (Alarm) is connected, the signal light of the cooker hood will flash when a maintenance reminder or error data is received from the ventilation unit. The relay setting options of the ventilation unit are maintenance reminder, error data, both, or off. If the signal light is not turned on, Alarm cables can be left disconnected.

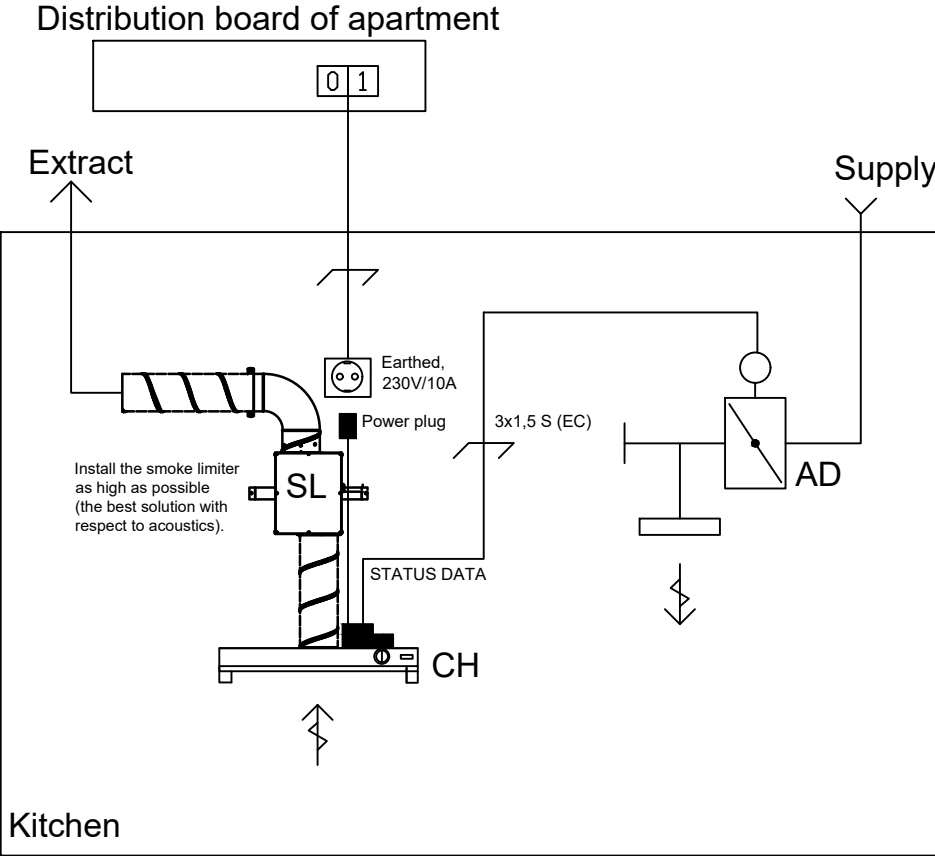


Select Programmable input as the setting used for the digital input 1. Set the desired supply and extract air fan speed and select a suitable supply air temperature. Set error message, maintenance reminder, both, or off as the relay function.

CONTROL METHODS FOR MYVALLOX VENTILATION UNITS

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CONNECTION, VALLOX X-LINE KTXA + VALLOX ADJUSTMENT DAMPER 230 V, CENTRALISED VENTILATION



CH = Vallox X-Line KTXA cooker hood.
SL = Vallox Smoke Limiter.
AD = Vallox Adjustment Damper 230 V.
Adjustment damper control = Hood damper status.
L (continuous 230 V supply) must be connected from the hood.

When Vallox X-Line KTXA is connected to the joint extraction system of a multi-storey building, a smoke limiter must also be installed.

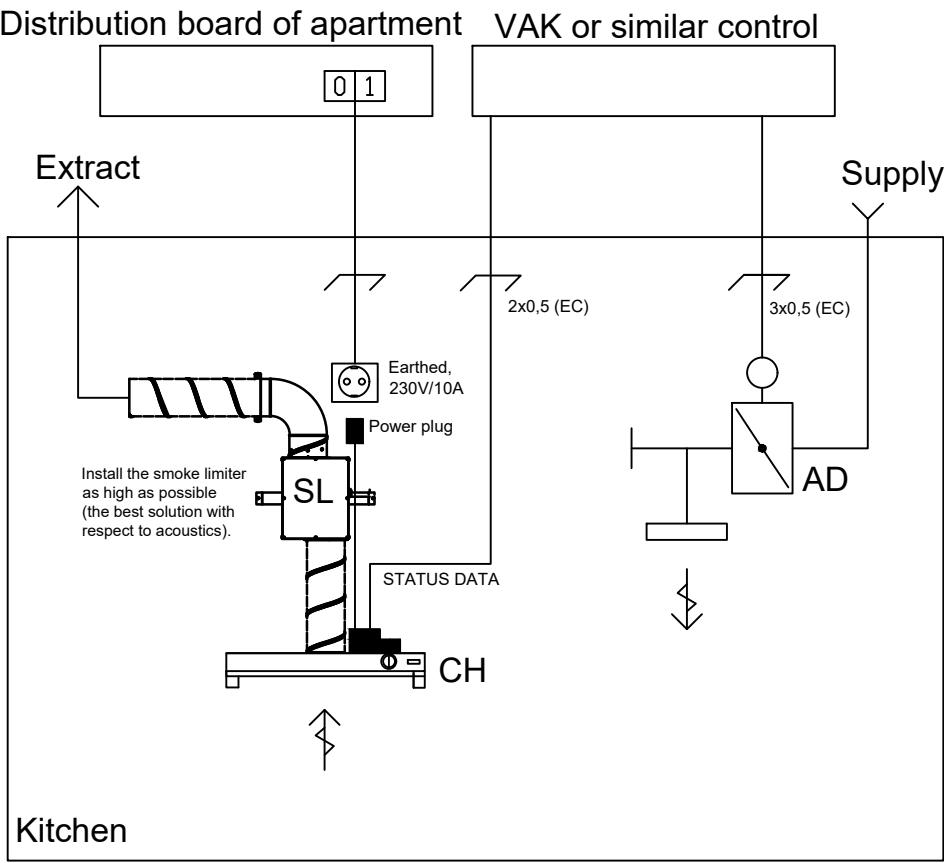
Vallox Smoke Limiter meets the requirements set for a choke that serves as a fire damper (max 42 l/s @ 100 pa).

In order to carry out maintenance and adjustment, there must be access to the Adjustment Damper, e.g. a maintenance hatch.

(EC) = ELECTRICAL CONTRACTOR

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								Vallox X-Line KTXA			
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CONNECTION, VALLOX X-LINE KTXA + VALLOX ADJUSTMENT DAMPER 24 V, CENTRALISED VENTILATION



CH = Vallox X-Line KTXA cooker hood.
SL = Vallox Smoke Limiter.
AD = Vallox Adjustment Damper 24 V.
Adjustment damper control = Hood damper status data directs 24 V voltage to the adjustment damper.

When Vallox X-Line KTXA is connected to the joint extraction system of a multi-storey building, a smoke limiter must also be installed.

Vallox Smoke Limiter meets the requirements set for a choke that serves as a fire damper (max 42 l/s @ 100 pa).

In order to carry out maintenance and adjustment, there must be access to the Adjustment Damper, e.g. a maintenance hatch.

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