

COMPENSATING FOR THE EXTRACT AIR FLOW OF THE COOKER HOOD AND THE CENTRAL VACUUM CLEANER BY USING A MYVALLOX VENTILATION UNIT AND VALLOX AITO KOTILÄMPÖ

Manual



Vallox Delico cooker hood



MyVallox ventilation unit

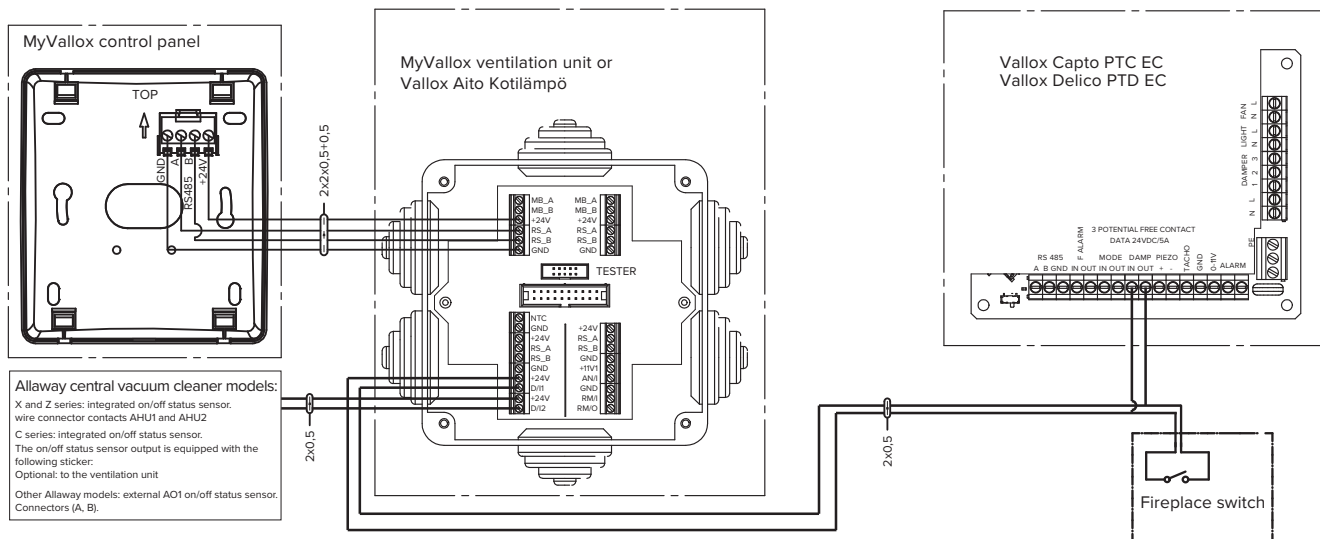
MyVallox ventilation units can be used to even out the underpressure that is generated in the apartment by the cooker hood in connection to the removal of cooking smells or by the central vacuum cleaner. Please note that the extract air flow of an efficient cooker hood cannot be fully compensated for with a ventilation unit. Compensation requires contact data e.g. from the damper of the cooker hood or cooker fan, from the pressure switch of the extract duct, or from the central vacuum cleaner. Contact data is led to the digital input D/I1 or D/I2 of the ventilation unit.

On/off status of the Allaway central vacuum cleaner

Contact data that indicates the on/off status of the central vacuum cleaner is led to the digital input D/I1 or D/I2 of the MyVallox ventilation unit.

The on/off status of the central vacuum cleaner as per unit model:

- X and Z series: integrated on/off status sensor. Wire connector contacts AHU1 and AHU2.
- C series: integrated on/off status sensor. The on/off status sensor output is equipped with the following sticker: Optional: to the ventilation unit.
- Other Allaway models: external OI-1 on/off status sensor. Connectors (A, B).



To enable compensation for both the cooker hood and the central vacuum cleaner, the custom mode must be used for one of the functions, because the settings of the programmable input are the same regardless of whether they have been set for the digital input 1 or 2. It is most natural to use the custom mode for the compensation of the cooker hood, because their settings can be the same. In such a case, the possible separate fireplace switch is connected next to the contact data of the cooker hood.

Select Programmable input as the setting used for the digital input 1. Set the efficiency of the supply and extract fans of the programmable input at the level required by the compensation of the central vacuum cleaner. Select Custom mode as the setting used for the digital input 2. Set the efficiency of the supply and extract fans of the custom mode

at the level required by the compensation of the cooker hood and/or the custom mode.

In both modes, principally increase the supply air flow and select a suitable supply air temperature. The lower the set supply air temperature, the higher the supply air flow that can be maintained in sub-zero temperatures.

- For the cooker fan, e.g.
- supply 90%, extraction 40%
- For the central vacuum cleaner, e.g.
- 51 MV supply 90%, extraction 40%
 - 096 MV supply 70%, extraction 40%
 - 99 MV supply 70%, extraction 40%
 - 110 MV supply 60%, extraction 40%
 - 145 MV supply 50%, extraction 40%



NOTE
Never use the cooker fan, the central vacuum cleaner, and the fireplace simultaneously.

