

INSTALLATION INSTRUCTION FOR DX-ULTRA PC KTS

COOKER HOOD WITH TIMER

DX-Ultra PC KTS cooker hood is used as a general extraction valve in the kitchen. The cooker hood is connected to a central ventilation system. The ventilation will be intensified by a timer-operated shut-off damper.

The pushbutton opens the shut-off damper and the timer keeps the shut-off damper open for 60 min. The shut-off damper can also be closed by pressing the pushbutton again.

The cooker hood has a function that checks the operation of the shut-off damper once a day by using the damper open.

The hood PC KTS is equipped with;

- rubber sealed channel connection d 125 mm
- electrical connection with plug
- working light LED fluorescent lamp G23 4W
- metallic grease filter
- 60 min timer in the closing damper

ATTENTION!
FLAMING IS FORBIDDEN UNDER
THE COOKER HOOD.

MAINTENANCE OF COOKER HOODS

The dirty metallic tissue grease filter must be washed at least once a month to maintain ventilation efficiency and avoid fire hazard.

Machine detergents may darken the filter aluminium. The filter can be washed by opening the bottom plate, turning the screws, so that the bottom plate opens and the filter is detachable.

Lamp replacement can done through the opened bottom plate.



MEASUREMENT OF AIR VOLUME

The basic ventilation (closing damper closed) is adjusted by measuring the closing damper underpressure from air flow measuring nipple and covering the required number of adjusting holes.


If the cooker hood controls the ventilator which has a separately own channel for kitchen removal (past heat recovery) must all holes be covered and in the kitchen is needed separate exhaust valve which is connected to the exhaust air duct.

Booster air flow (closing damper open) air flow is seen accordingly on the open holes - on the graph.

DX-ULTRA PC KTS FRONT PANEL BUTTONS

-  WORKING LIGHT SWITCH
-  CLOSING DAMPER SWITCH
 - timer 60 min
 - signal light when closing damper is open

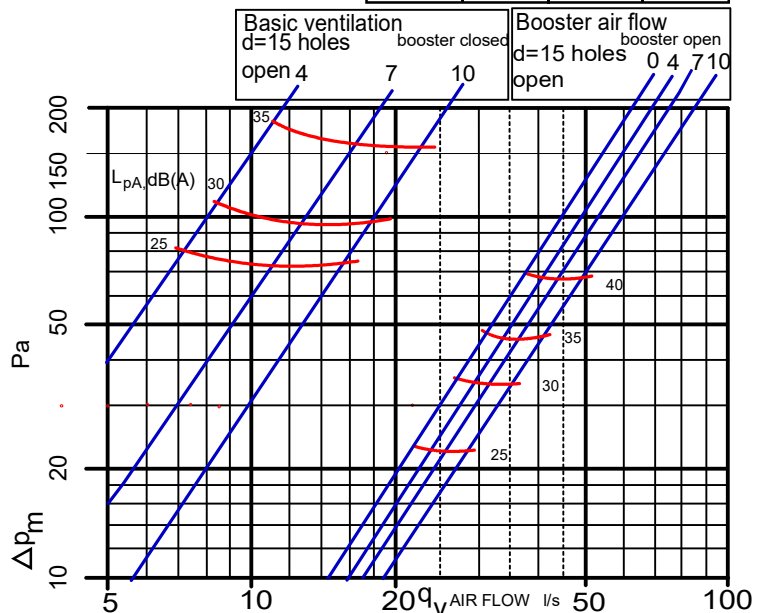
USE OF THE COOKER HOODS CLOSING DAMPER

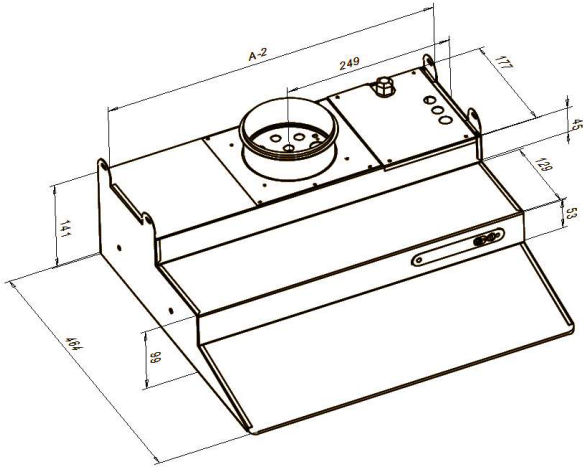
-  - When the damper switch in pressed, the closing damper opens, the indicator lights up and the timer keeps the damper open 60 min.
- The damper can also be closed by pressing the switch again

There is a function in the cooker hood that checks the damper activity once a day by opening the closing damper.

$$q_v = k \sqrt{\Delta p_m}$$

Basic ventilation		Booster air flow	
holes open	k-factor	holes open	k-factor
0	4,6	0	4,6
2	4,8	2	4,8
4	5,0	4	5,0
5	5,2	5	5,2
6	5,3	6	5,3
7	5,4	7	5,4
8	5,6	8	5,6
9	5,8	9	5,8
10	6,0	10	6,0





Attach the hood (A= 500 or 600 mm) to the furniture with installation accessories. The installation height between the cooker hood and hob level should be at least 500 mm.

Make sure that the mount does not twist the hood, as this may cause a malfunction.

Connect the ductwork with a steel threaded duct to secure and seal the connections.

Check the exhaust air flow with measurements and adjust if necessary, see exhaust air flow diagram on front page.

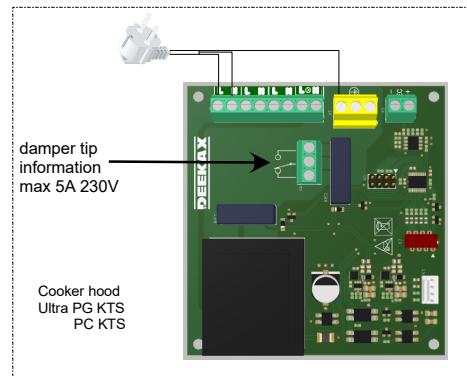
The right adjustment values also enable a good sound result.

ELECTRICAL CONNECTIONS

The supply of electricity to the ventilation device must be supplied from its own fuse (10A) of the electric center. In case of potential damage, the warranty will be void if the unit is used in common sockets or "light group". The cooker hood has a plug.

The cooker hood circuit board provides tip information on the open/closed position of the damper.

Electrical work can be done by an installer with rights.



COOKER HOOD DX-ULTRA PC KTS and KTD fire damper / pressure equalizer flow and audio performance values.

