

## OPERATING AND MAINTENANCE INSTRUCTIONS FOR COOKER HOOD DS-600 KT-22

### COOKER HOOD WITH TIMER

DS-600 KT-22 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 DS-600 KT-22 is equipped with;

- rubber sealed channel connection d 125 mm
- working light LED 2 x 4 W
- metallic grease filter
- 60 min timer in the closing damper

### 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

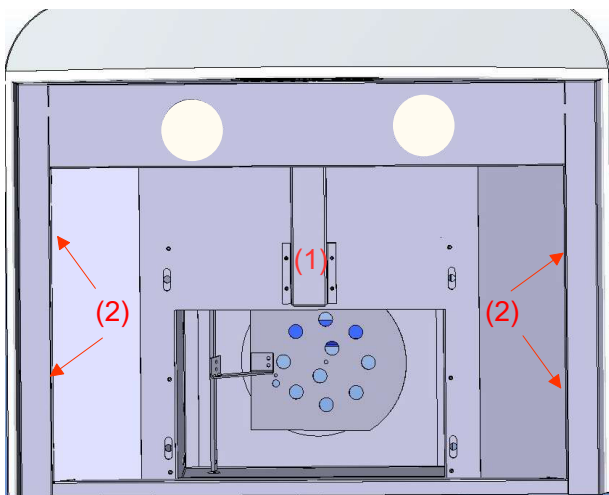


- Pressing the damper switch the closing damper opens, the indicator lights up and the timer keeps the damper open 60 min.
- The damper can also be closed by pressing the switch again

### MAINTENANCE OF COOKER HOOD

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 pushing the bracket on the bottom plate backwards, whereby the bottom plate is detachable.



**ATTENTION!**  
**FLAMING IS FORBIDDEN UNDER**  
**THE COOKER HOOD.**

### LAMP REPLACEMENT

The cooker hood has 2 LED lights, which can be replaced by moving the lower part of the cooker hood frame.

Disconnect the voltage from the hood e.g. from a electric center fuse.

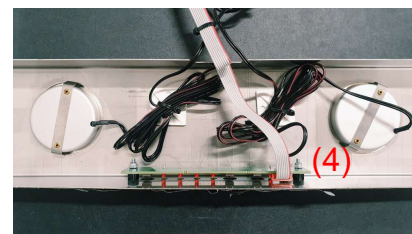
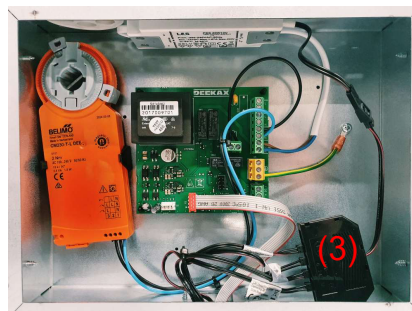
Remove the cable cover (1) 4 screws.

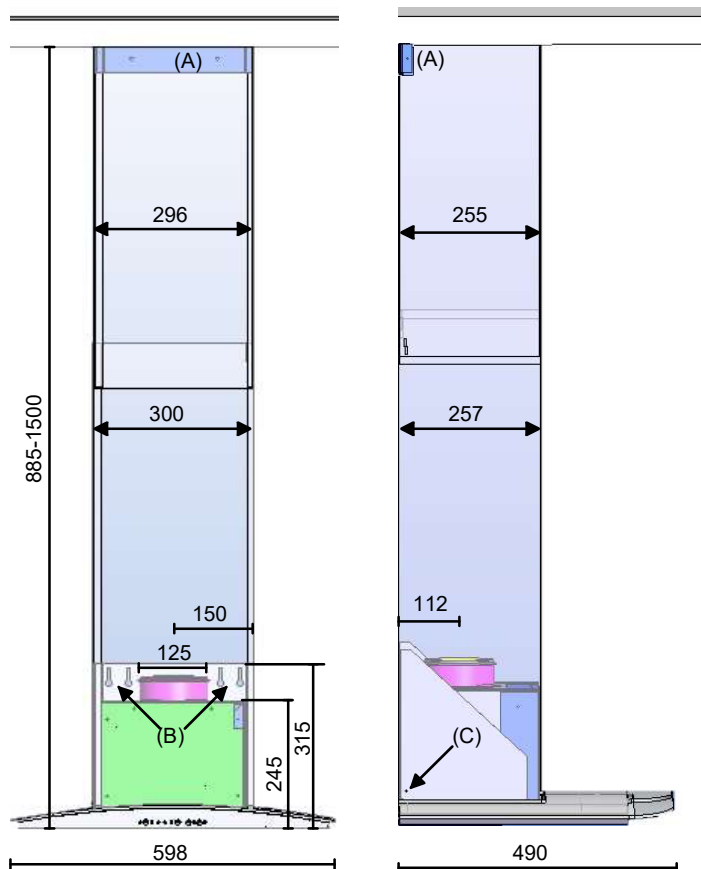
Remove the 4 screws of the lower part (2)

Disconnect the lamp lead from the connector (3)

Press the lamp springs inwards simultaneously (4)

Lamp type: LED CHIP 58RST 4000K 12VDC 4W





## DS Installation

Attach the upper flue mounting bracket (A) the center line of the bracket to the center line of the hood on the wall, against the ceiling.

Attach the cooker hood to the wall from the rear edge of the hood (B).

The minimum distance between the hood base plate and the electric stove is 550 mm.

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

Install electrical connections

Install the upper (shorter) and lower flue at the same time on top of the cooker hood.

Fasten the upper flue to the mounting bracket (A) from the sides with screws.

Fasten the lower flue from the sides with screws (C).

Check the exhaust air flow with the measurement and - if necessary, adjust the basic ventilation.

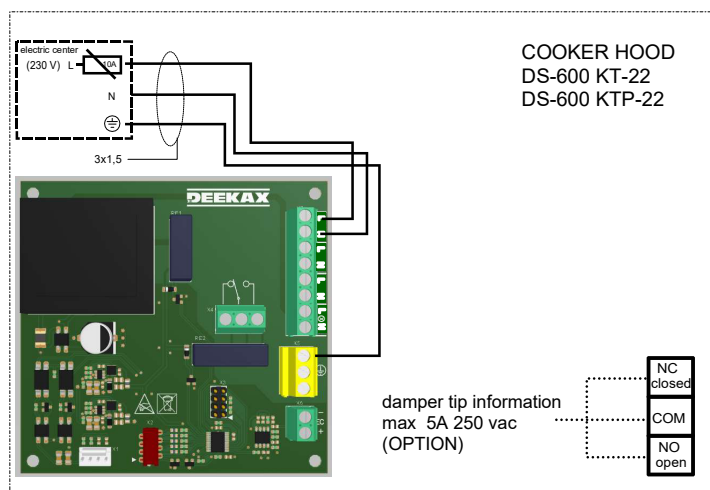
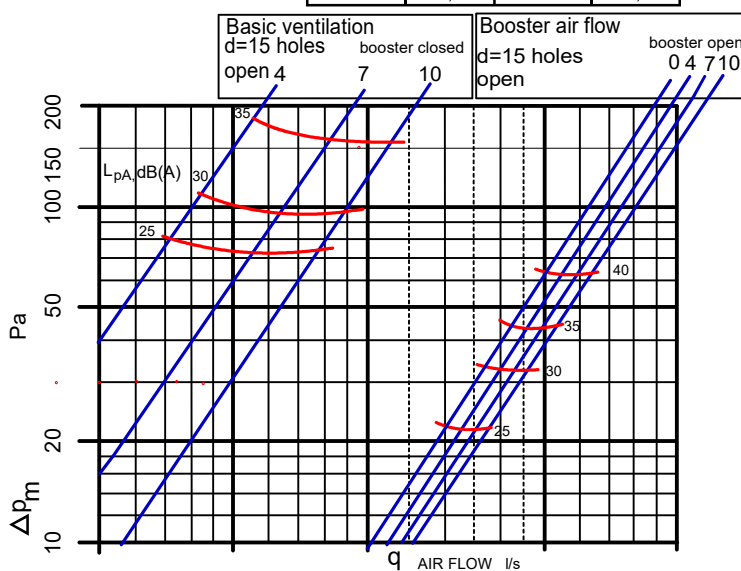
### AIRFLOW ADJUSTMENT:

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

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

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

Basic ventilation		Booster air flow	
holes open	k-factor	holes open	k-factor
		0	6,2
		2	6,4
4	0,8	4	6,8
5	1,0	5	7,1
6	1,2	6	7,3
7	1,3	7	7,5
8	1,5	8	7,7
9	1,6	9	7,8
10	1,8	10	8,1



### ELECTRICAL CONNECTIONS

Electrical work can be done by an installer with rights.

The supply of electricity to the ventilation device must be supplied from its own fuse of the electric center.