

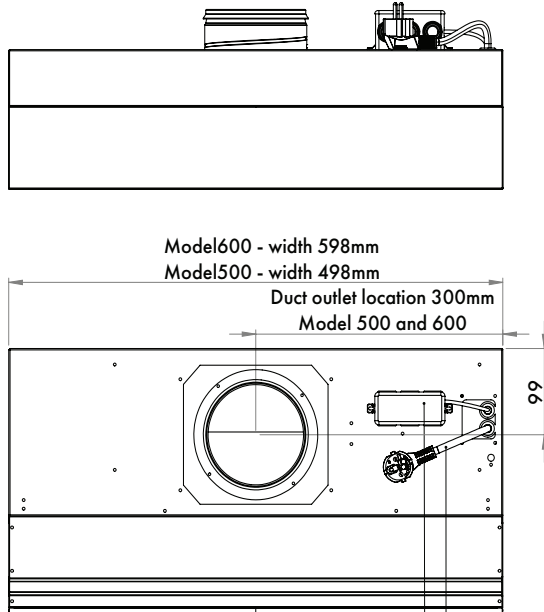
Suvi-Control hood/ Suvi-Booster hood



CF-50/60/58/68

Installation instructions

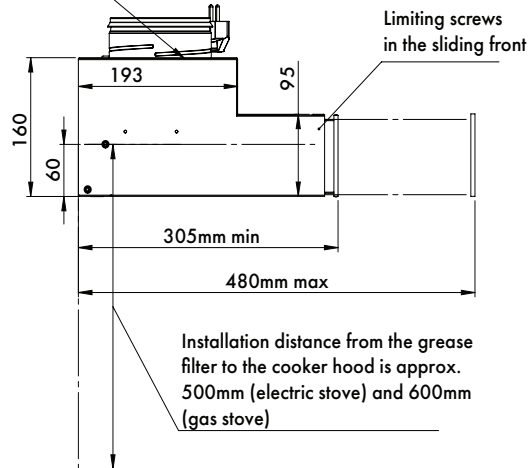
Dimensioned drawings



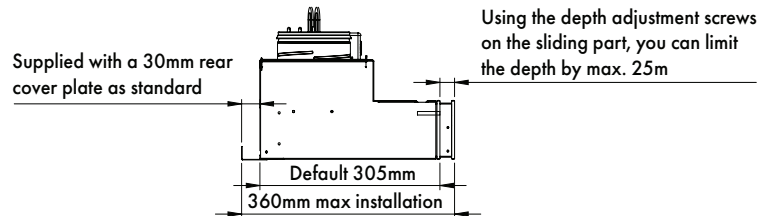
Connection - Data transfer between the Airfi AHU and the hood: a 2-core cable is sufficient, e.g., NOMAK 2x2x0,5+0,5.

Power connection: 230V 50Hz 10A, power consumption 6W, cable free length min. 1.4m

Basic airflow by opening/closing holes in the flap.
If not holes are opened, the airflow is 0 dm³/s
Boosted airflow with the flap open
Flap is closed either manually or with a timer



Installation distance from the grease filter to the cooker hood is approx. 500mm (electric stove) and 600mm (gas stove)



Installation

The hood mounting accessories are included in the package. The accessories are suitable for mounting the hood on wood, chipboard, cement, and stone walls. When attaching to other materials, use fasteners designed for that material.

1. Install the hood flush with or slightly above the lower edge of the cabinets.
2. Lift the cooker hood into place and fasten it.
3. Connect the hood to the exhaust air duct using \varnothing 125 mm threaded seam pipe.
4. Connect the hood to the electrical supply with a grounded plug, 230V (power consumption of LED: 6W).
5. To open the holes in the augmentation valve, a breaking tool is factory-installed in every fifth cooker hood. The breaking tool is located in the grease filter area. (A metal breaking tool is also available from the factory).
6. User instruction label provided with the appliance.
7. The depth of the sliding part can be limited. Remove the grease filter and adjust the limiting pins to the desired position.



Attention!

The cooker hood must not be connected to a chimney used for the removal of combustion gases from appliances other than those operating on electricity.

The regulations concerning exhaust air must be considered.

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Airfi hoods K-factors



Airfi control- and booster hoods

The coefficients apply to:

Control hoods (type plate: 50, 59, 60, 69, 90) - Airfi Pia, Lisa, Suvi, Ida, Eva

Booster hoods (type plate: 58, 68, 98) - Airfi Pia, Lisa, Suvi, Ida, Eva

Basic airflow, boosting flap closed

Pressure is measured from the hole in the flap, as shown in the diagram (M)

Flap holes open

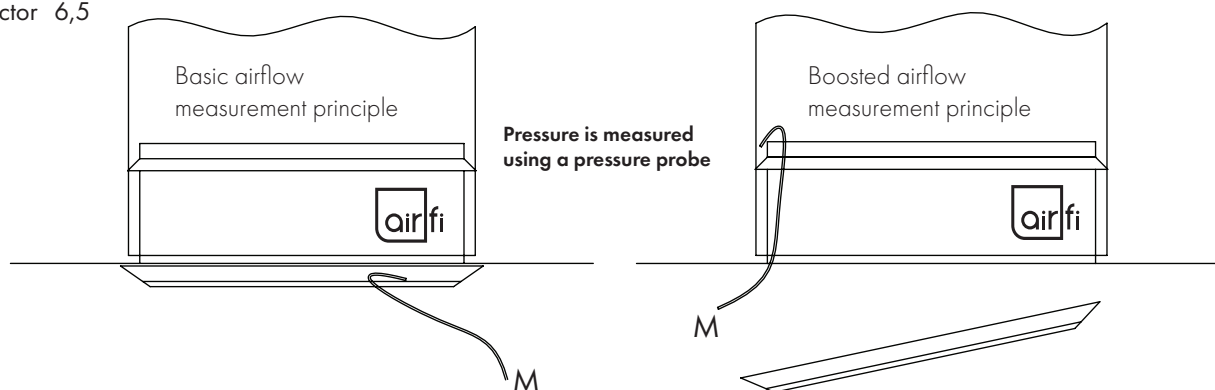
amount	0	2	3	4	5	6	7	8	9	10
k-factor	0	0,4	0,59	0,78	0,96	1,15	1,31	1,46	1,62	1,76

Boosted airflow, boosting flap open

The number of valve holes open in the basic airflow does not affect the airflow (airflows below 50 dm³/s)

Pressure is measured from the point shown in the diagram, "behind" the outlet duct (M).

k-factor 6,5



Apartment building hoods with smoke containment valve

The coefficients apply to:

Central hoods (type plate: -55, -65, -95) - Airfi Pia, Suvi, Ida, Eva

The valve complies with the smoke containment specification, max 42 dm³/s, 100 Pa s = +9mm

Basic airflow, boosting flap closed

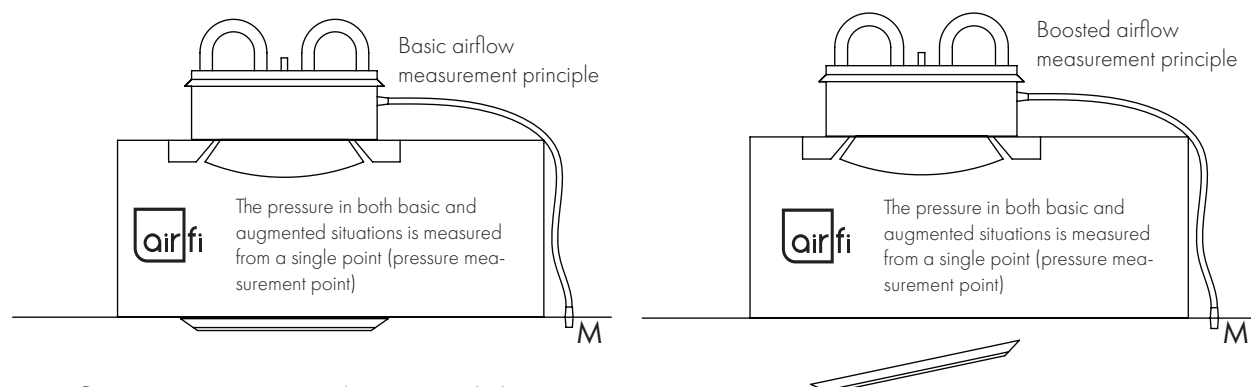
Pressure measurement from a single point (min/max), as shown in the diagram (M)

Open flap holes

amount	0	2	3	4	5	6	7	8	9	10
k-factor	0	0,4	0,59	0,78	0,96	1,15	1,31	1,46	1,62	1,76

Boosted airflow, Boosting flap open (using the valve supplier's K-factors)

a,mm	-9	-6	0	+6	+9	+12
k-factor	1,10	1,41	2,13	2,96	3,36	3,74



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