

ALTURA

kitchen extractor
hoods with an air inlet



ALTURA Cooker Hoods

Discover ALTURA cooker hoods – a cutting-edge solution for efficient extraction and simultaneous fresh air intake. They are designed for kitchens of all sizes, tailored to your needs and featuring automatic operation control.

Thanks to its innovative design, the ALTURA cooker hood achieves maximum efficiency. The airflow is precisely directed to ensure optimum performance and comfort whilst cooking.

A complete solution made from high-quality stainless steel (ČSN 17240 / AISI 304) with grease filters offering up to 99% efficiency, depending on the selected filtration type.

Built-in LED lighting for a sleek appearance and compliance with hygiene standards. Fresh air intake via stylish perforations (15 × 15 mm). Can be combined with DUPLEX heat recovery units with the option of automatic operation control.

ALTURA cooker hoods are suspended using M10 threaded rods and are supplied at a standard height of 435 mm. We can tailor the dimensions to your requirements. Thanks to the compact design and the integration of both exhaust and fresh air supply into a single unit, there is no need for additional ductwork – your kitchen will remain clean, functional and aesthetically pleasing.

PROPOSED SOLUTION

LEGEND

AHU + HR

DUPLEX ventilation unit with heat recovery

SC

service clearance

GT

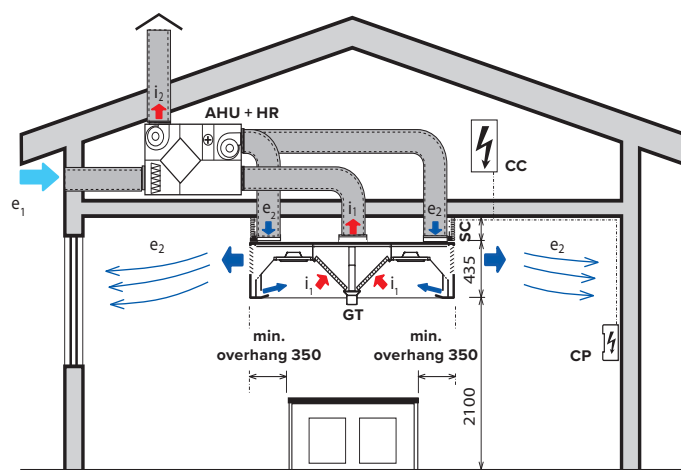
grease trap

CP

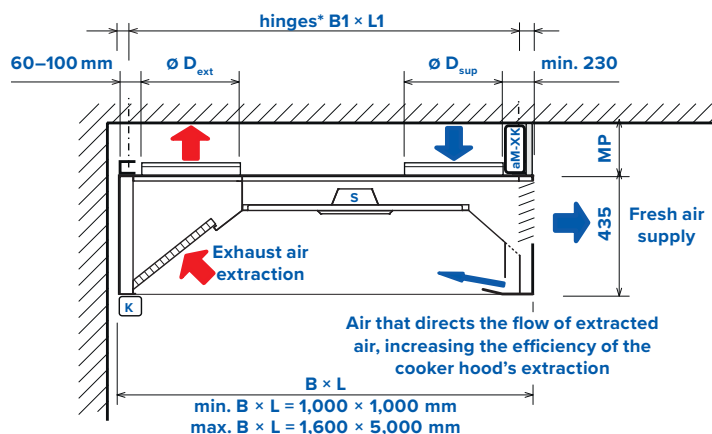
automatic control panel

CC

automatic control cabinet



DIMENSIONAL DRAWING OF THE SINGLE-ROW VERSION



LEGEND

- B x L** width x length of the cooker hood
- B1 x L1** hinge spacing
- MP** manipulation space
- Ø D_{ext}** exhaust air connection (round or rectangular cross-section)
- Ø D_{sup}** supply air connection (round or rectangular cross-section)
- S** LED light fitting
- K** grease trap
- aM-XK** terminal block with built-in microprocessor module
- *** A diagram showing the hinge layout according to the size of the cooker hood is available on request.

BASIC DIMENSIONS

Hood dimension (mm)				Maximum number of separators (pcs)	Maximum airflow (m³/h)	Maximum pressure drop supply / exhaust (Pa)	LED lighting power input (W)	Number of suspension points (pcs)
Length L	Width B							
1,000	1,000	1,250	1,600	2	1,160	70 / 100	22	4
1,200	1,000	1,250	1,600	2	1,160	72 / 101	22	4
1,400	1,000	1,250	1,600	3	1,740	72 / 102	22	4
1,600	1,000	1,250	1,600	3	1,740	77 / 117	44	4
1,800	1,000	1,250	1,600	4	2,320	74 / 121	44	4
2,000	1,000	1,250	1,600	4	2,320	83 / 123	55	6
2,200	1,000	1,250	1,600	5	2,900	72 / 106	55	6
2,400	1,000	1,250	1,600	5	2,900	72 / 94	55	6
2,600	1,000	1,250	1,600	6	3,480	67 / 101	55	6
2,800	1,000	1,250	1,600	6	3,480	67 / 91	55	6
Minimum 2 exhaust air connections and 2 supply air connections								
3,000	1,000	1,250	1,600	7	4,060	72 / 108	2×44	8
3,200	1,000	1,250	1,600	7	4,060	77 / 111	2×44	8
3,400	1,000	1,250	1,600	8	4,640	71/ 102	2×44	8
3,600	1,000	1,250	1,600	8	4,640	72 / 105	2×44	8
3,800	1,000	1,250	1,600	9	5,220	71 / 107	2×55	8
4,000	1,000	1,250	1,600	9	5,220	76 / 114	2×55	8
4,200	1,000	1,250	1,600	10	5,800	72 / 106	2×55	8
4,400	1,000	1,250	1,600	10	5,800	72 / 100	2×55	8
4,600	1,000	1,250	1,600	11	6,380	72 / 100	2×55	8
4,800	1,000	1,250	1,600	11	6,380	72 / 94	2×55	8
5,000	1,000	1,250	1,600	12	6,960	72 / 90	2×55	8

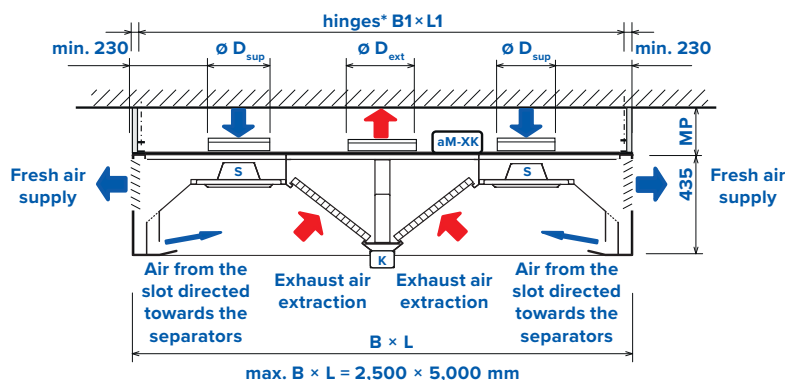
We can also supply custom-made cooker hoods in non-standard sizes, ranging from:

length L = 1,000 to 5,000 mm (in increments of 50 mm) / width B = 1,800 to 2,500 mm (in increments of 50 mm).

IMPORTANT NOTICES

- Type B gas appliances must be connected to a suitable flue to ensure the safe discharge of flue gases into the chimney.
- Any routing of the flue through the cooker hood must be discussed with us.
- We always recommend that cooker hoods with a length (L) greater than 3,500 mm be supplied disassembled, given the difficulty of transport and handling.
- Ensure that the cooker hood extends sufficiently beyond the edges of the appliances.

DIMENSIONAL DRAWING OF THE TWO-ROW VERSION



LEGEND

- B x L** width x length of the cooker hood
- B1 x L1** hinge spacing
- MP** manipulation space
- Ø D_{ext}** exhaust air connection (round or rectangular cross-section)
- Ø D_{sup}** supply air connection (round or rectangular cross-section)
- S** LED light fitting
- K** grease trap
- aM-XK** terminal block with built-in microprocessor module
- *** A diagram showing the hinge layout according to the size of the cooker hood is available on request.

BASIC DIMENSIONS

Hood dimension (mm)					Maximum number of separators (pcs)	Maximum airflow (m³/h)	Maximum pressure drop supply / exhaust (Pa)	LED lighting power input (W)	Number of suspension points (pcs)
Length L	Width B								
1,000	1,800	1,950	2,250	2,500	4	2,320	70 / 100	2×22	6
1,200	1,800	1,950	2,250	2,500	4	2,320	72 / 101	2×22	6
1,400	1,800	1,950	2,250	2,500	6	3,480	72 / 102	2×22	6
1,600	1,800	1,950	2,250	2,500	6	3,480	76 / 114	2×44	6
1,800	1,800	1,950	2,250	2,500	8	4,640	70 / 109	2×44	6
2,000	1,800	1,950	2,250	2,500	8	4,640	83 / 123	2×55	8
2,200	1,800	1,950	2,250	2,500	10	5,800	72 / 106	2×55	8
2,400	1,800	1,950	2,250	2,500	10	5,800	77 / 106	2×55	8
2,600	1,800	1,950	2,250	2,500	12	6,960	70 / 109	2×55	8
2,800	1,800	1,950	2,250	2,500	12	6,960	70 / 98	2×55	8
Minimum 2 exhaust air connections and 4 supply air connections									
3,000	1,800	1,950	2,250	2,500	14	8,120	70 / 104	2×44	10
3,200	1,800	1,950	2,250	2,500	14	8,120	75 / 106	2×44	10
3,400	1,800	1,950	2,250	2,500	16	9,280	70 / 100	2×44	10
3,600	1,800	1,950	2,250	2,500	16	9,280	74 / 110	2×44	10
3,800	1,800	1,950	2,250	2,500	18	10,440	70 / 104	2×55	10
4,000	1,800	1,950	2,250	2,500	18	10,440	75 / 109	2×55	10
4,200	1,800	1,950	2,250	2,500	20	11,600	73 / 110	2×55	10
4,400	1,800	1,950	2,250	2,500	20	11,600	73 / 103	2×55	10
4,600	1,800	1,950	2,250	2,500	22	12,760	70 / 106	2×55	10
4,800	1,800	1,950	2,250	2,500	22	12,760	72 / 104	2×55	10
5,000	1,800	1,950	2,250	2,500	24	13,920	71 / 104	2×55	10

We can also supply custom-made cooker hoods in non-standard sizes, ranging from:

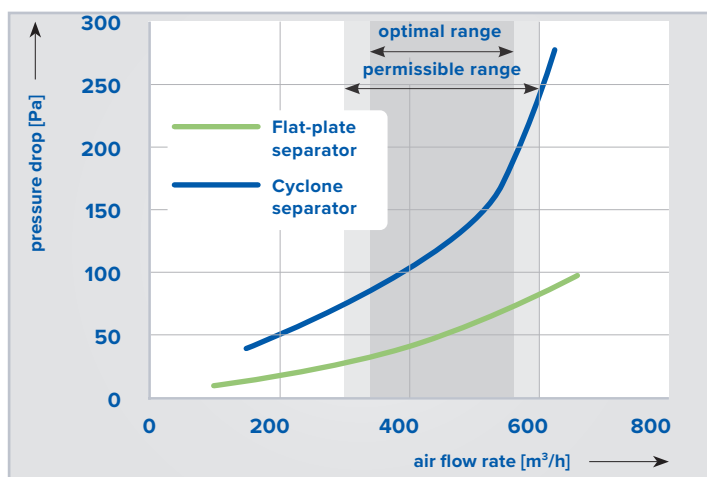
length L = 1,000 to 5,000 mm (in increments of 50 mm) / width B = 1,800 to 2,500 mm (in increments of 50 mm).

IMPORTANT NOTICES

- Type B gas appliances must be connected to a suitable flue to ensure the safe discharge of flue gases into the chimney.
- Any routing of the flue through the cooker hood must be discussed with us.
- We always recommend that cooker hoods with a length (L) greater than 3,500 mm be supplied disassembled, given the difficulty of transport and handling.
- Ensure that the cooker hood extends sufficiently beyond the edges of the appliances.

SLAT AND CYCLONE SEPARATORS

Cooker hoods are fitted as standard with lamellar or cyclone separators measuring 400 × 400 mm. The number of separators is always determined according to the maximum anticipated flow rate through the fume cupboard, as shown in the graph, so that the flow rate through each separator remains within the optimum range. Finally, it is necessary to check whether the calculated number of separators can physically be accommodated within the length of the extractor hood.



aMotion AUTOMATIC OPERATION CONTROL

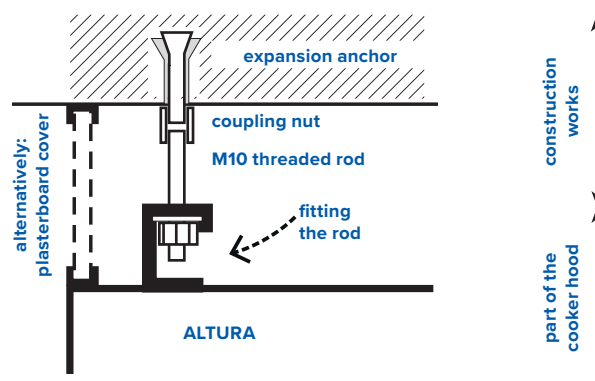
On request, ALTURA cooker hoods can be fitted with a complete microprocessor-based control system.

The system comprises a microprocessor control module with differential temperature sensors, built into the SM terminal box above the cooker hood. A control panel for remote adjustment of the cooker hood's operation and an RG control unit for regulating the speed of the supply and extract fans are supplied separately.

The automatic control of ALTURA cooker hoods ensures economical ventilation operation depending on the instantaneous heat output of the kitchen appliances. Only when there is an increased temperature difference between the air temperature beneath the cooker hood and that in the kitchen does the system automatically switch both the extractor and supply fans to reduced speed. If the temperature difference increases further, both fans switch to maximum speed. Once this adjustable difference decreases, the fans automatically reduce their speed or switch off altogether.

CEILING MOUNTING

ALTURA cooker hoods are fitted with special brackets for mounting on M10 threaded rods, which are anchored to the ceiling using Ø 14/10 mm expansion anchors (not included). The brackets, which feature cut-outs, allow the suspension rods (including the nut) to be easily slid in from the side during installation and enable the height of the cooker hood to be locked into position with ease. For the number and type of brackets, see the diagrams and tables.



ELECTRICAL WIRING

- a) terminal block in the basic version (without automatic control)

