

VENTURA

condensation hood



VENTURA hoods

VENTURA condensation hoods are designed specifically for professional kitchens where water vapour from dishwashers needs to be effectively removed without the need for grease separators.

Thanks to their sophisticated design, they utilise the principle of vapour condensation on internal baffles, which significantly reduces ventilation requirements and saves energy. The exact reduction in ventilation capacity is determined by the hood manufacturer.

VENTURA hoods are easily connected directly to the exhaust duct, which simplifies installation and operation. At the customer's request, they can be equipped with intelligent sensors for automatic ventilation control – ideal for modern operations that emphasise efficiency.

Each hood is made of hygienic stainless steel ČSN 17240 W(AISI 304) and supplied as a complete unit, which guarantees quick and trouble-free installation. The standard height of the hood is 435 mm.

The equipment also includes LED lighting around the entire perimeter, which ensures perfect visibility and contributes to the modern look of the kitchen. Circular or rectangular extraction ports are located at the top. Their dimensions are optimised according to air flow using ATREA design software.



DESIGN SOFTWARE

For a detailed design of ventilation ceilings, hoods, accessories and controls, we recommend using a specialised design programme.

You can find it on our website.



SOLUTION DESIGN

KEY

HVAC

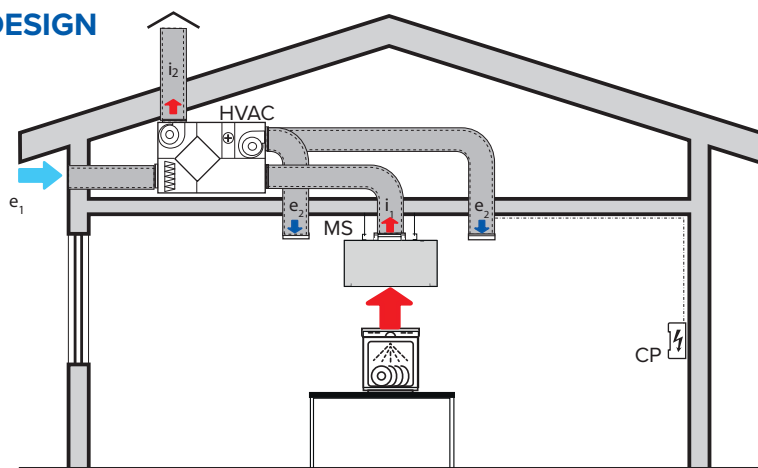
ventilation unit
DUPLEX
with heat recovery

MS

manipulation space

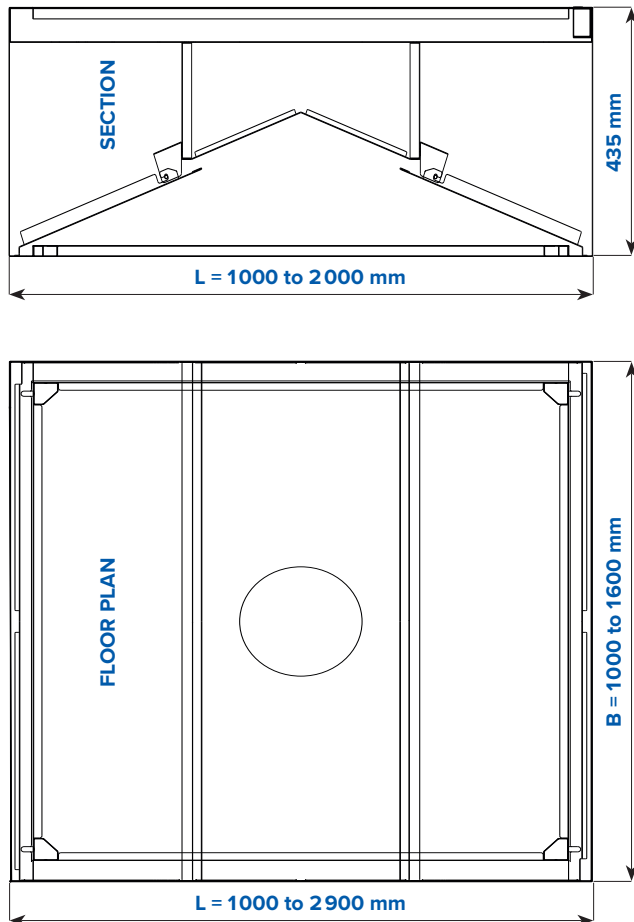
CP

control panel



Atrea®

DRAWING DIAGRAM

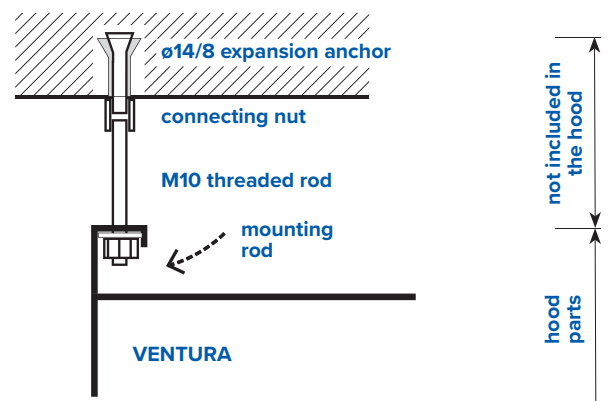


KEY

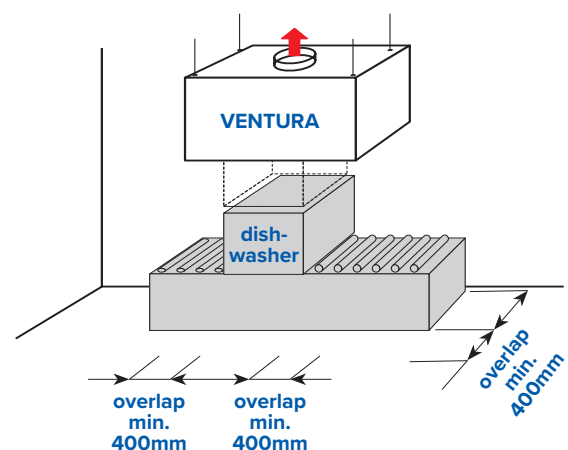
- L** length of cooker hood
- B** hood width
- D_{ods}** diameter of outlet necks for connecting round or rectangular ducting

CEILING MOUNTING

VENTURA hoods are equipped with special brackets for hanging on M10 threaded rods, anchored to the ceiling with $\varnothing 14/8$ mm expansion anchors (not included). The brackets with cut-outs allow for easy side-on insertion of the suspension rods with nuts during installation and simple locking of the hood's height position. For the number and type of hangers, see the diagrams.



THE DIMENSIONS OF THE STORAGECOVER



BASIC DIMENSIONS

Hood dimensions (mm)					Minimum airflow (m ³ /h)			Max. pressure loss (Pa)	Lighting power consumption (W)				Num. of hangers (pcs)
Length L	Width B				[3 m/s]	[5 m/s]	[7 m/s]		B=1000	B=1200	B=1400	B=1600	
1000	1000	1200	1400	1600	432	720	1008	On request	82,8	92	101,2	110,4	4
1200	1000	1200	1400	1600	518	864	1210		92	101,2	110,4	119,6	4
1400	1000	1200	1400	1600	605	1008	1411		101,2	110,4	119,6	128,8	4
1600	1000	1200	1400	1600	691	1152	1613		110,4	119,6	128,8	138	4
1800	1000	1200	1400	1600	778	1296	1814		119,6	128,8	138	147,2	4
2000	1000	1200	1400	1600	864	1440	2016		128,8	138	147,2	156,4	4

Custom-made cooker hoods can also be supplied in non-standard dimensions within the following range:
length **L** = 1000 to 2900 mm / width **B** = 1000 to 1600 mm