

**VISU**

INSPIRING ENVIRONMENTS  
FOR SCIENCE AND RESEARCH



# VISU Pro fume cupboard

**DESIGNED FOR DEMANDING  
PROFESSIONAL USE**

# VISU Pro

EN 14175-2



- **Easy to modify** – Countless uses and almost unlimited customizability.
- **High quality** – Materials for professional use and finished desing, almost maintenance-free.
- **Ergonomic** – Clear and optimal design of details, electronic height adjustment if necessary.
- **Space saving** – The largest interior volume of the collection in relation to the external dimensions.
- **Safe** – The air suction is on the full width of the fume cupboard on upper and lower edge of the inner back wall.
- **Ecological** – Designed and manufactured responsibly in Finland, made to last for decades.

## VISU KALUSTE OY

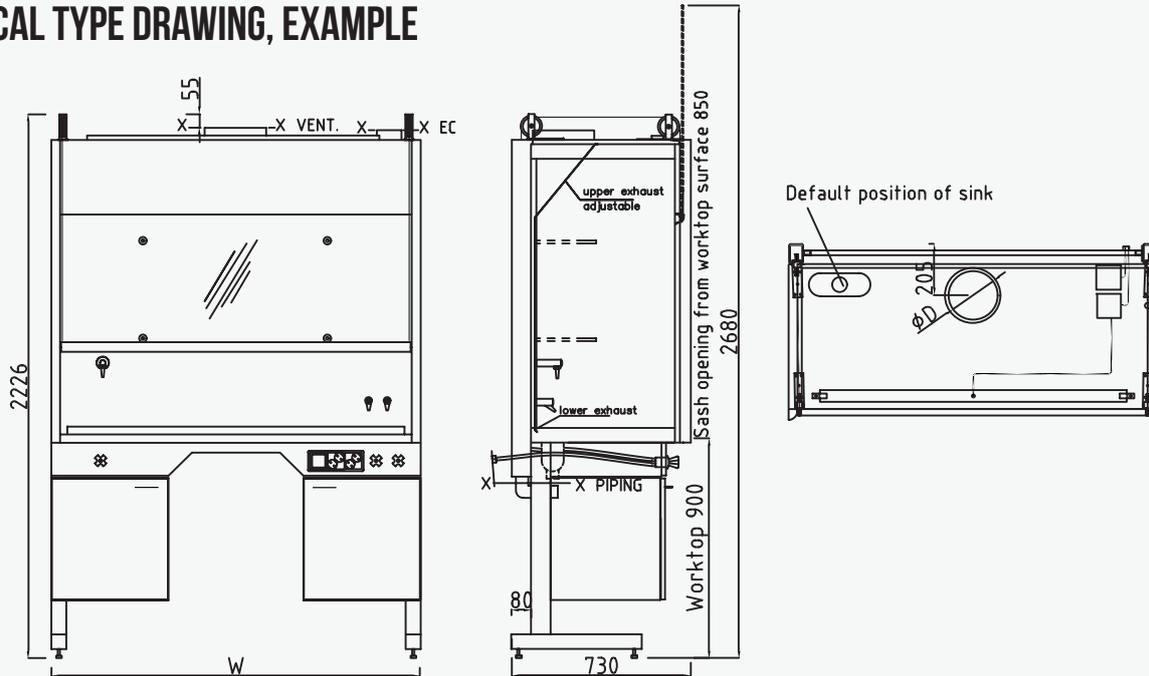
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📄 Business ID 2663577-6

## TECHNICAL TYPE DRAWING, EXAMPLE



## DIMENSIONS AND MATERIALS

Standard widths	900, 1200, 1500 and 1800 mm.
Worktop depth	600 and 800 mm.
Total depth	Single sash 730 and 930 mm, two-part sash 750 and 950 mm.
Total height	Single sash 2680 mm (possible to be limited), two-part sash 2350 mm.
Worktop height adjustment	Fixed 450 mm, manual 750–900 mm, electrical adjustment 750–1000 mm.
Worktop material	Acidproof steel, ceramic, polypropylene.
Side wall materials	Powder coated aluminum, compact laminate, clear polycarbonate, laminated glass, polypropylene.
Back wall materials	Powder coated aluminum, polypropylene.
Front wall	Vertical or inclined laminated glass.
Frame	Powder coated steel.
Ductwork	High-pressure laminate + back wall material.
Standards	On request according to EN 14175-2 : 2003 fume cupboards, with the exception of individual customer-specific requirements.

### According to the order

Internal storage	4 pcs of back-wall rods made of acid-proof steel (Reservation for the back-wall rods is included automatically). Perforated shelves made of acid-proof steel, available also with height adjustment.
Sockets	IP21 or IP44, according to order, 4 pcs as standard, emergency stop.
Air flow control	0-1 control switch with indicator light, reservation for automatic air flow control.
The most common equipment	Sinks, taps, under-desk storage, under-desk safety cabinets, a knee-recess, a residual current circuit breaker.
Other additional properties	For example: EX-protection, ESD-classification, a hotplate, HEPA filter, hand-hatches, pass-through hatches, accessories in side panels. Ask more from our experts.

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## THE TECHNICAL PROPERTIES DEPEND ON THE FUME CUPBOARD WIDTH

Standard widths, [mm]	900	1200	1500	1800	Other dimensions are also possible.
Internal work area widths, [mm]	828-834	1128-1134	1428-1434	1728-1734	Depending on side materials.
Air volume, [l/s]	125	170	215	260	the sash 300 mm open, 0,5 m/s inflow.
Standard lights, led W (lumen)	10(1014)	15(1425)	19(2028)	19(2028)	
Ventilation connection, [mm]	200	200	250	2×200 (cc 900 mm)	



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|---|---|
| <ol style="list-style-type: none"> <li>1. Upper suction on the full width</li> <li>2. Anti-glare workspace light</li> <li>3. Exhaust air ducts</li> <li>4. SFS EN 14175-2 ascent limiter</li> <li>5. Detachable back-wall rod</li> <li>6. Fanison automatic air flow control</li> <li>7. Vertical, 2-piece laminated glass front wall</li> <li>8. Outlets on the back wall</li> <li>9. Back wall, powder coated aluminum</li> <li>10. Transparent glass side wall</li> <li>11. Ceramic worktop</li> <li>12. Suction from the back edge of the worktop across its full width</li> <li>13. Dripcup</li> <li>14. Gas taps</li> </ol> | <ol style="list-style-type: none"> <li>15. Optimally shaped edge shapes in the worktop and sliding profiles</li> <li>16. Air-conditioned under-desk cabinet</li> <li>17. Control valve on the front panel</li> <li>18. Light switch</li> <li>19. Sockets</li> <li>20. Front panel</li> <li>21. Manual height adjustment (also available electronically)</li> <li>22. Under-desk safety cabinet</li> </ol> |
|---|---|

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*VISU fume cupboards have a fully integrated Fanison control system that keeps the exhaust air flow at the correct level in the various positions of the sash. The self-learning system guarantees the user a safe work environment and easy usability. A technically reliable system brings clear energy savings and thus significantly reduces operating costs.*

*Optimally shaped edge shapes in the worktop, sliding profiles and pull-out rail reduce swirl and thus increase the efficiency and safety of the fume cupboard. The raised edge shape of the worktop prevents spills from entering the floor or fume cupboard structures.*



**The VISU fume cupboard with a low worktop (M-model) enables even large equipment and test arrangements. The fume cupboard can also be open to the floor.**

**The fume cupboard can be equipped almost indefinitely. The picture shows several different types of water taps, hotplates, sockets and gas taps. Under-desk furniture can be drawers or cabinets, the material of which can be chosen according to the chemicals used.**

Fume cupboards are delivered, if so agreed, installed in place, ready to be connected to building services systems. The fume cupboard must be connected to a separate exhaust air duct. The water supply, drainage, gas and electricity work must be performed by professionals. An automatic air flow alarm and control system can also be included in the delivery.

**VISU fume cupboards are always equipped according to the customer's needs.**

# INSPIRING ENVIRONMENTS FOR SCIENCE AND RESEARCH

VISU laboratory furniture is developed together with users and is the answer to the needs of modern research now and in the future.

VISU offers flexible furniture solutions for various laboratory and hospital projects, and also for educational institutions. The collections VISULab and OPPIlab are adjusted to customer's needs.

## HIGH-QUALITY AND DURABLE

VISU laboratory furniture is manufactured from start to finish at our factory in Visuvesi, Finland. The high quality is guaranteed by the expertise of wood and metal work professionals, the company's state-of-the-art machines and decades of experience.

The materials of the furniture are of high quality, fully recyclable and safe for indoor air. Thanks to the high quality, the expected service life of our furniture is at least 30 years.

Feel free to contact us and we will  
design suitable solutions together!

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