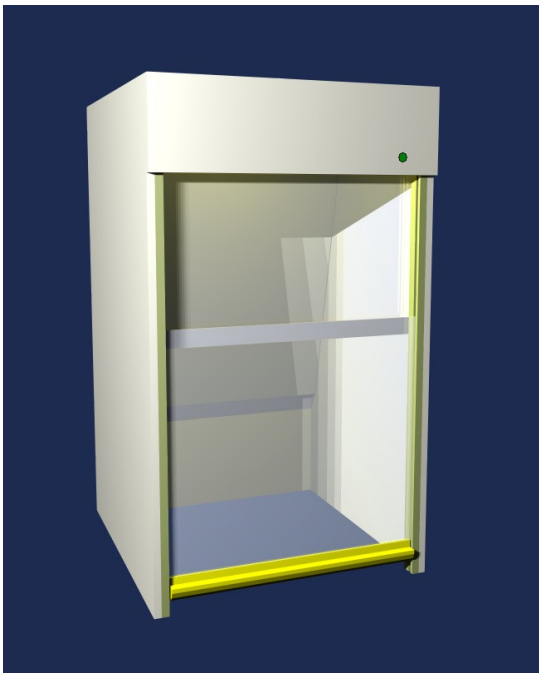


Benchtop fume cupboard AAZ 75

Outer dimensions: 750 x 595 bis 795 x 1244 mm
Inner dimensions: 710 x 485 bis 685 x 1075 mm

Optimal air quantity: 300 m³/h

Benchtop fume cupboard AAZ 90

Outer dimensions: 900 x 795 x 1244 mm
Inner dimensions: 860 x 685 x 1075 mm

Optimal air quantity: 340 m³/h

Benchtop fume cupboard AAZ 120

Outer dimensions: 1200 x 795 x 1244 mm
Inner dimensions: 1160 x 685 x 1075 mm

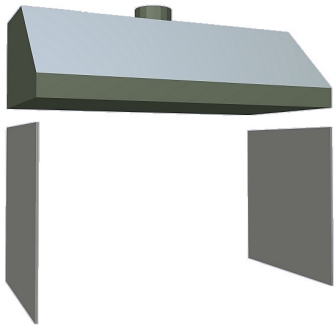
Optimal air quantity: 440 m³/h

neuberger top fume cupboards AAZ 75, AAZ 90 and AAZ 120 are constucted for mounting on top of lab workbenches. They are easy to install in existing laboratories.
Top fume cupboards are used for small laboratory work as in drugstores or sewage plants.

The fume cupboards are made of melamine resin coated boards. Baffle for light and heavy gases. Exhaust air connection D= 160 mm.
Front with vertical moveable sash and fix glass made of acrylic. Aerodinamical formed handle.
Ceiling with light and explosion flap.

Additional the fume cupboard can be equipt with an exhaust fan with switch and electrical plug sockets.

If needed worktops with sink can be mounted inside the cupboard.

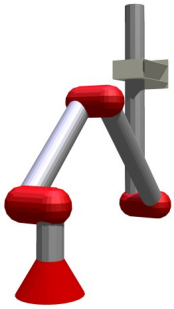


Fume hood

Made of solid polypropylene or stainless steel material no. 1.4301
Fume hoods are available in each necessary dimension. standard lenght 600, 900, 1200, 1500 or 1800 mm.
Depth depends on the workingtop depth (750 mm).
Fume hood hight 600 mm.
Exhaust air line with a pipe socket d = 200 mm
In addition our fume hoods can be fitted with:
drip moulding for condensate
Baffles for higher aircatchingspeeds
Throttle valve in the exhaust duct
integrated illumination
side-baffles made of PP or acrylic glass for a better fume exhaust or as splash protection.

AAS – exhaust systems

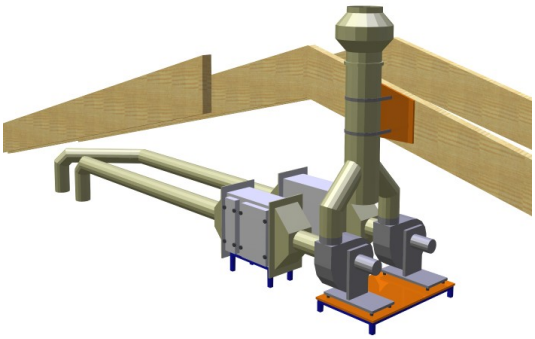
Exhaust system made of stainless steel (material 1.4301) of the required exhaust lead-away of AAS – units.
AAS – fume hood, size 300 x 150 x 300 mm with pipe d= 100 mm
Ventilating pipe d= 100 mm
throttle valve
Fan made of stainless steel for fume temperature up to 300°C
2800 Upm, 0,12 kW, 230 V, 50 Hz
outblowingpiece with bird protective grid



Exhaust arms

Where ever unpleasant smells or harming fumes occur are those exhaust arms a optimal completion of our lab equipment.
The pipelines are made of aluminium or polypropylene, swivel-joint made of plastic with integrated throttle valve.
For table, wall or ceiling installation.

D= 50 mm	20 - 85 m³/h
D= 75 mm	80 - 180 m³/h
D= 100 mm	200 - 400 m³/h



Exhaust systems

Fumes cupboards and fume hoods have to be connected to technical ventilation systems.
If harmful substances are exhaust, strict environmental measures require the installation of high grade filters or active charcoal filters.
We design and built ventilation systems and the matching filterunits corresponding on the requests of the closed fume cupboards, the exhausted medias and the structural conditions.
There for we got: radialfans made of PVC or PPs
roofradialfans made of PVC or PPs
exhaust lines made of polypropylene hardly inflammable inklusive all pipes, bows, branch pipes etc.
roof lead-in pices with rain cap
Installation support
Throttle valve
air quantity control
high grade filter
active charcoal filter, also with impregnation for better absobation of special sustances.