

# FUME CUPBOARDS

# Demonstration fume cupboards

The mobile fume cupboard AeroEM will fascinate audiences in the room. Position your experiments behind safety glass and supply them with gas, water or electricity. The sophisticated protective atmosphere eliminates harmful substances safely and quickly.

- + Can be viewed from all sides
- + Safe operation
- + Can be used anywhere and moved from room to room



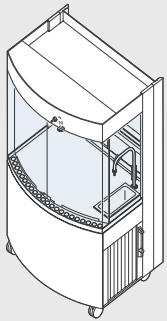
## Special features

- › Elegant look due to large-scale glazing
- › Can be used in several rooms due to the low overall height (AeroEm)
- › Can be viewed unrestrictedly from all sides through fully glazed test platform and convex front viewing window
- › Maximum safety with single-pane safety glass and additional inner glass impact panel in the front viewing area
- › Fast elimination of pollutants with supportive flow technology
- › Protection from escaping pollutants with optical and acoustic warning signals when the volume of air falls below the minimum value
- › Reduced maintenance work on the front sash due to stainless steel-reinforced toothed belt
- › Safe experimenting due to extremely stable and extra wide heavy duty twin castors with smooth total locking



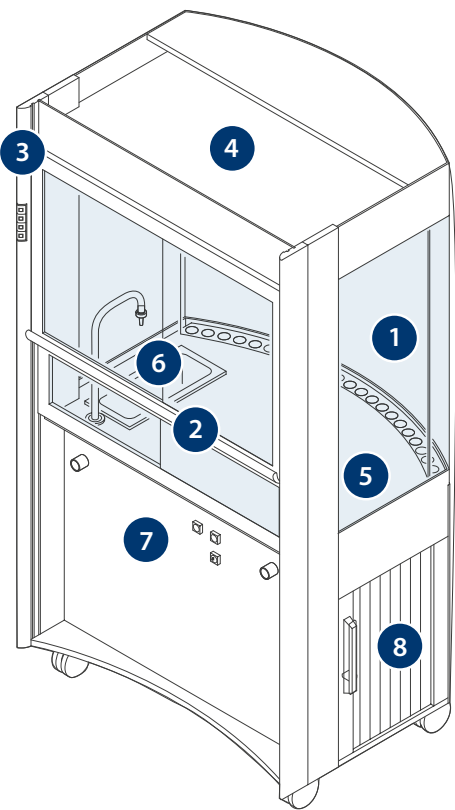
## Phenomena up close

Experience experiments up close. The Aero fume cupboards – which can be viewed from all sides – enable your pupils to directly follow proceedings. Position the mobile fume cupboard AeroEm wherever you wish and simply connect it to the media supply and disposal points using the quick-release couplings.

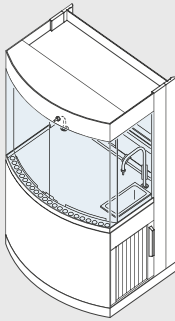


AeroEm	
Description	Mobile fume cupboard with all-round glazing made of safety glass, FAZ fume cupboard function display, work surface: stoneware composite panel with polypropylene beaded edge Weight: approx. 180 kg Connected load: 230 V
Exhaust air	Air vents: 2 x Ø 90 mm Planning recommendation: 350 m³/h
Versions	Working height: 900 mm 2 x socket outlets 230 V
Options	Gas / Water Connection for extraction provided by building owner
Dimensions	W/H/D = 1050/1975/815 mm
Model	H7295

## AeroEm



- 1 External viewing pane and internal impact panels made of safety glass, can be opened inwards for cleaning
- 2 Two-part front sash, can be moved up and down, with 2 horizontal sashes
- 3 FAZ fume cupboard function display with integrated air supply supportive flow technology
- 4 Glare-free interior lighting, can be controlled from outside
- 5 Stoneware composite panel with polypropylene beaded edge
- 6 Media that can be integrated in the fume cupboard interior: 2 x 230 V sockets, 1 gas fitting, 1 cold water fitting, 1 funnel-shaped basin including waste water pumping system for waste water disposal in the underbench unit
- 7 External operating controls: switches for interior sockets, valve for water tapping, valve for gas tapping
- 8 Horizontal roller shutters on both sides for storage of the exhaust hoses and supply lines (line lengths: 2500 mm)



AeroEs	
Description	Stationary fume cupboard with all-round glazing made of safety glass, FAZ fume cupboard function display, work surface: stoneware composite panel with polypropylene beaded edge Weight: approx. 180 kg Connected load: 230 V
Exhaust air	Air vent: Ø 125 mm Planning recommendation: 350 m³/h
Versions	Working height: 900 mm 2 x socket outlets 230 V
Options	Gas / Water Connection for extraction provided by building owner
Dimensions	W/H/D = 1050/1975/815 mm
Model	H7296 extraction above H7297 extraction below

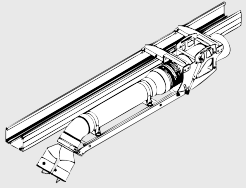
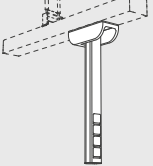
## AeroEs





# Connections for AeroEm

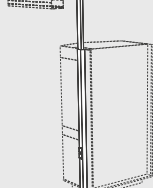
## Connections to ceiling supply system

		
<b>Name</b>	<b>AeroEm exhaust air system</b>	<b>AeroEm media connection</b>
<b>Description</b>	Swivelling exhaust air system for mobile demonstration fume cupboard AeroEm, side installation on the channel of the ceiling system Air vents: 2 x Ø 90 mm	Manual swivelling media connection made from stable aluminium for mobile demonstration fume cupboard AeroEm, installation on the channel of the ceiling system
<b>Options</b>		Gas fitting Emergency Stop 1–2 socket outlets 230 V HDMI
<b>Model</b>	<b>6898</b>	<b>6897</b>




# Connections for AeroEs

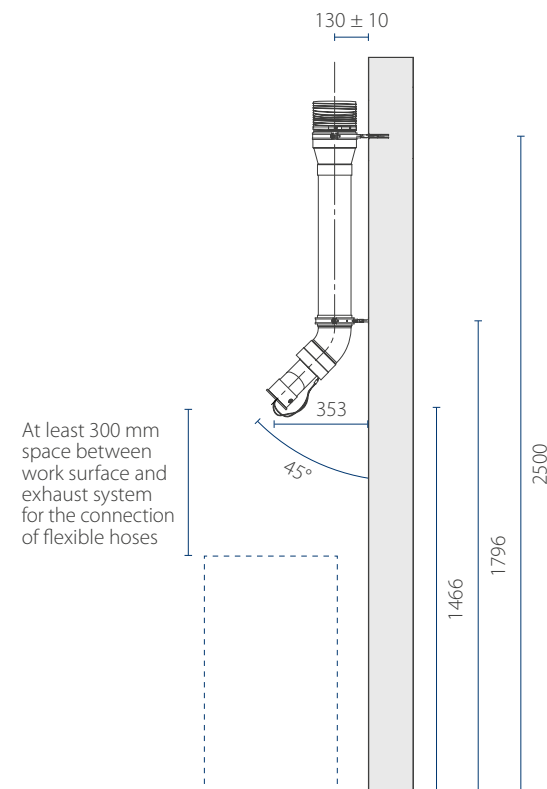
## Media connection on ceiling supply system

	
<b>AeroEs media connection</b>	
<b>Description</b>	Media connection for stationary demonstration fume cupboard AeroEs on the channel of the ceiling supply system, profile for side installation made from powder-coated steel plate, colour: light grey RAL 7035
<b>Versions</b>	Height of ceiling supply system: bottom edge = 2100 - 2500 mm Electricity / Electricity + Gas
<b>Options</b>	Socket outlet 230 V HDMI
<b>Model</b>	<b>6895</b>



## Connections to the wall

	
<b>AeroEm wall exhaust air system</b>	
<b>Description</b>	Wall-mounted exhaust air system for mobile demonstration fume cupboard AeroEm Air vents: 2 x Ø 90 mm
<b>Options</b>	Wall channel H = 450 / 1500 mm Gas fitting Emergency Stop Socket outlet 230 V HDMI
<b>Model</b>	<b>6899</b>



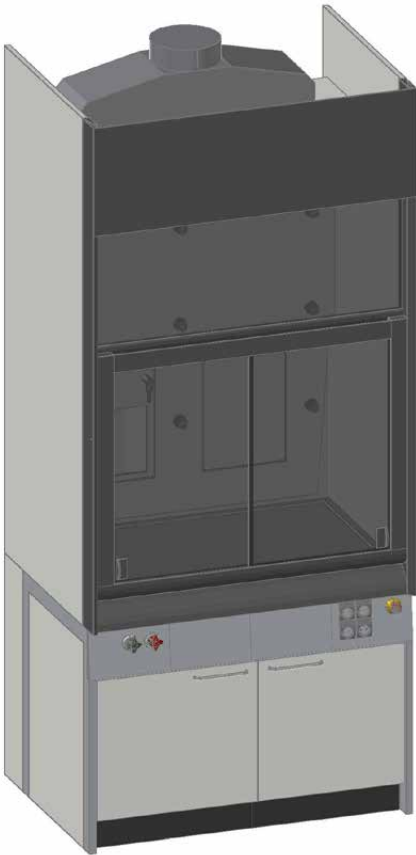
# Bench-mounted fume cupboards

## Special features

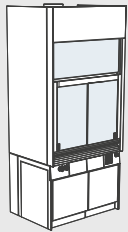
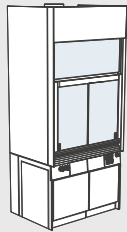
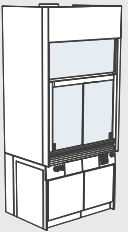
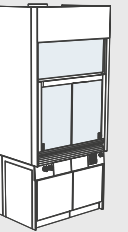
- › Optimised flow technology with rounded inflow profile on work surface, front sash and patented fume cupboard side pillars
- › Maximum safety with single-pane safety glass
- › Protection from escaping pollutants through monitoring the fume cupboard function as well as optical and acoustic warning signals when the air volume falls below the minimum value
- › Safe operation as control elements are positioned externally
- › Optimal illumination of the test area with glare-free interior lighting
- › Easy operation and reduced maintenance work on front sash due to stainless steel-reinforced toothed belt

## Materials

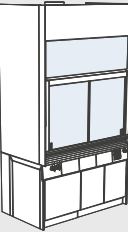
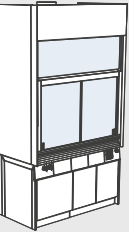
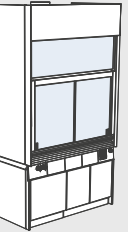
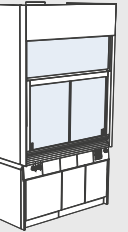
- › Interior cladding in melamine
- › Basin module in polypropylene integrated in rear wall
- › Vertical front sash with single-pane safety glass and 2 horizontal sashes



### Width 1200 mm

				
Name	Fume cupboard type 1	Fume cupboard type 2	Fume cupboard type 3	Fume cupboard type 4
Description	Wall-standing table-top fume cupboard	Wall-standing table-top fume cupboard with underbench extraction unit	Wall-standing table-top fume cupboard with underbench extraction unit	Wall-standing table-top fume cupboard with underbench extraction unit
Exhaust air	Air vent: Ø 250 mm Planning recommendation: 575 m³/h	Air vent: Ø 250 mm Planning recommendation: 575 m³/h	Air vent: Ø 250 mm Planning recommendation: 575 m³/h	Air vent: Ø 250 mm Planning recommendation: 575 m³/h
Versions	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop
Base cabinet left	1 wing door, 1 shelf W/H/D = 600/640/550 mm	1 wing door, 1 shelf W/H/D = 600/640/550 mm	Düperthal cabinet for hazardous materials, for storing flammable hazardous materials 1 wing door, 1 sheet steel tray shelf, 1 sheet steel bottom tray, 1 perforated sheet steel insert W/H/D = 601/631/593 mm	Cabinet for acids and alkalis, 1 wing door, 2 pull-out shelves with PP tray W/H/D = 600/640/550 mm
Base cabinet right	1 wing door, 1 shelf W/H/D = 545/640/550 mm	1 wing door, 1 shelf W/H/D = 545/640/550 mm	1 wing door, 1 shelf W/H/D = 545/640/550 mm	1 wing door, 1 shelf W/H/D = 545/640/550 mm
Dimensions	W/H/D = 1200/2700/900 mm	W/H/D = 1200/2700/900 mm	W/H/D = 1200/2700/900 mm	W/H/D = 1200/2700/900 mm
Model	7140	7140	7140	7140

### Width 1500 mm

				
Name	Fume cupboard type 5	Fume cupboard type 6	Fume cupboard type 7	Fume cupboard type 8
Description	Wall-standing table-top fume cupboard	Wall-standing table-top fume cupboard with underbench extraction unit	Wall-standing table-top fume cupboard with underbench extraction unit	Wall-standing table-top fume cupboard with underbench extraction unit
Exhaust air	Air vent: Ø 250 mm Planning recommendation: 720 m³/h	Air vent: Ø 250 mm Planning recommendation: 720 m³/h	Air vent: Ø 250 mm Planning recommendation: 720 m³/h	Air vent: Ø 250 mm Planning recommendation: 720 m³/h
Versions	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop
Base cabinet left	1 wing door, 1 shelf W/H/D = 600/640/550 mm	1 wing door, 1 shelf W/H/D = 600/640/550 mm	Düperthal cabinet for hazardous materials, for storing flammable hazardous materials 1 wing door, 1 sheet steel tray shelf, 1 sheet steel bottom tray, 1 perforated sheet steel insert W/H/D = 601/631/593 mm	Cabinet for acids and alkalis, 1 wing door, 2 pull-out shelves with PP tray W/H/D = 600/640/550 mm
Base cabinet right	2 wing doors, 1 shelf W/H/D = 845/640/550 mm	2 wing doors, 1 shelf W/H/D = 845/640/550 mm	2 wing doors, 1 shelf W/H/D = 845/640/550 mm	2 wing doors, 1 shelf W/H/D = 845/640/550 mm
Dimensions	W/H/D = 1500/2700/900 mm	W/H/D = 1500/2700/900 mm	W/H/D = 1500/2700/900 mm	W/H/D = 1500/2700/900 mm
Model	7141	7141	7141	7141



# Low ceiling bench-mounted fume cupboards

## Special features

- › Optimised flow technology with rounded inflow profile on work surface, front sash and patented fume cupboard side pillars
- › Maximum safety with single-pane safety glass
- › Protection from escaping pollutants through monitoring the fume cupboard function as well as optical and acoustic warning signals when the air volume falls below the minimum value
- › Safe operation as control elements are positioned externally
- › Optimal illumination of the test area with glare-free interior lighting
- › Easy operation and reduced maintenance work on front sash due to stainless steel-reinforced toothed belt

## Materials

- › Interior cladding in melamine
- › Basin module in polypropylene integrated in rear wall
- › Vertical front sash with single-pane safety glass and 2 horizontal sashes



### Width 1200 mm

Name	Fume cupboard type 9	Fume cupboard type 10	Fume cupboard type 11	Fume cupboard type 12
Description	Wall-standing table-top fume cupboard for rooms with low ceilings	Wall-standing table-top fume cupboard with underbench extraction unit for rooms with low ceilings	Wall-standing table-top fume cupboard with underbench extraction unit for rooms with low ceilings	Wall-standing table-top fume cupboard with underbench extraction unit for rooms with low ceilings
Exhaust air	Air vent: Ø 250 mm Planning recommendation: 575 m³/h	Air vent: Ø 250 mm Planning recommendation: 575 m³/h	Air vent: Ø 250 mm Planning recommendation: 575 m³/h	Air vent: Ø 250 mm Planning recommendation: 575 m³/h
Versions	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop
Base cabinet left	1 wing door, 1 shelf W/H/D = 600/640/550 mm	1 wing door, 1 shelf W/H/D = 600/640/550 mm	Düperthal cabinet for hazardous materials, for storing flammable hazardous materials 1 wing door, 1 sheet steel tray shelf, 1 sheet steel bottom tray, 1 perforated sheet steel insert W/H/D = 601/631/593 mm	Cabinet for acids and alkalis, 1 wing door, 2 pull-out shelves with PP tray W/H/D = 600/640/550 mm
Base cabinet right	1 wing door, 1 shelf W/H/D = 545/640/550 mm	1 wing door, 1 shelf W/H/D = 545/640/550 mm	1 wing door, 1 shelf W/H/D = 545/640/550 mm	1 wing door, 1 shelf W/H/D = 545/640/550 mm
Dimensions	W/H/D = 1200/2400/900 mm	W/H/D = 1200/2400/900 mm	W/H/D = 1200/2400/900 mm	W/H/D = 1200/2400/900 mm
Model	7145	7145	7145	7145

### Width 1500 mm

Name	Fume cupboard type 13	Fume cupboard type 14	Fume cupboard type 15	Fume cupboard type 16
Description	Wall-standing table-top fume cupboard for rooms with low ceilings	Wall-standing table-top fume cupboard with underbench extraction unit for rooms with low ceilings	Wall-standing table-top fume cupboard with underbench extraction unit for rooms with low ceilings	Wall-standing table-top fume cupboard with underbench extraction unit for rooms with low ceilings
Exhaust air	Air vent: Ø 250 mm Planning recommendation: 720 m³/h	Air vent: Ø 250 mm Planning recommendation: 720 m³/h	Air vent: Ø 250 mm Planning recommendation: 720 m³/h	Air vent: Ø 250 mm Planning recommendation: 720 m³/h
Versions	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop	Working height: 900 mm Stoneware tabletop with all round beaded edge 1x water fitting, 1x gas, 4x 230 V, 16 A, 1x Emergency Stop
Base cabinet left	1 wing door, 1 shelf W/H/D = 600/640/550 mm	1 wing door, 1 shelf W/H/D = 600/640/550 mm	Düperthal cabinet for hazardous materials, for storing flammable hazardous materials 1 wing door, 1 sheet steel tray shelf, 1 sheet steel bottom tray, 1 perforated sheet steel insert W/H/D = 601/631/593 mm	Cabinet for acids and alkalis, 1 wing door, 2 pull-out shelves with PP tray W/H/D = 600/640/550 mm
Base cabinet right	2 wing doors, 1 shelf W/H/D = 845/640/550 mm	2 wing doors, 1 shelf W/H/D = 845/640/550 mm	2 wing doors, 1 shelf W/H/D = 845/640/550 mm	2 wing doors, 1 shelf W/H/D = 845/640/550 mm
Dimensions	W/H/D = 1500/2400/900 mm	W/H/D = 1500/2400/900 mm	W/H/D = 1500/2400/900 mm	W/H/D = 1500/2400/900 mm
Model	7146	7146	7146	7146

## Product range

School equipment

Scientific equipment

Equipment for  
further education and training

## Services

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Production & Installation

Service & Maintenance

# HOHENLOHER

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