Index

alsident® system
A cleaner working environment

System 100 - Antistatic (AS)

Extraction arms

Hoods

Brackets

Other accessories

System 100 - Antistatic (AS)

All components RoHS-compatible.

Design:

- Extraction arm for mounting on table
- Working range 795 - 2130 mm
- Recommended airflow 140 to 400 m^3/h
- Diameter of tube Ø100 mm
- Tubes and joints made of conductive, shatterproof, chemical resistant polypropylene (PP)
- All O-rings conductive and maintenance free
- Integrated valve. When in an open position out of the flow path to maintain the maximum amount of flow
- All threaded stays, internal springs and thumb-screws made of acid-proof stainless steel (AISI 316L)
- POP® rivets made of acid proof stainless steel (AISI 316L) for increased durability in aggressive environments
- All hoods can be provided with a protective netting (accessory) to reduce the risk of extracting foreign objects
- Approved for ESD-areas according to IEC 61340-5-1
- Approved for ESD/Ex-areas according to EN 80079-36:2016 and EN 80079-37:2016 according to ATEX directive 2014/34/EU labelled Ex II 1 GD
- The extraction arms are equipped with an earth wire for EX-areas. For mounting in ESD-areas, an earth wire with a 1MΩ resistance is enclosed.
- Dismantling of the arm without tools for cleaning

Links: Pressure drop chart, Mounting without gas spring, Mounting with gas springs, User's manual
Capture efficiency, Test reports

Working area

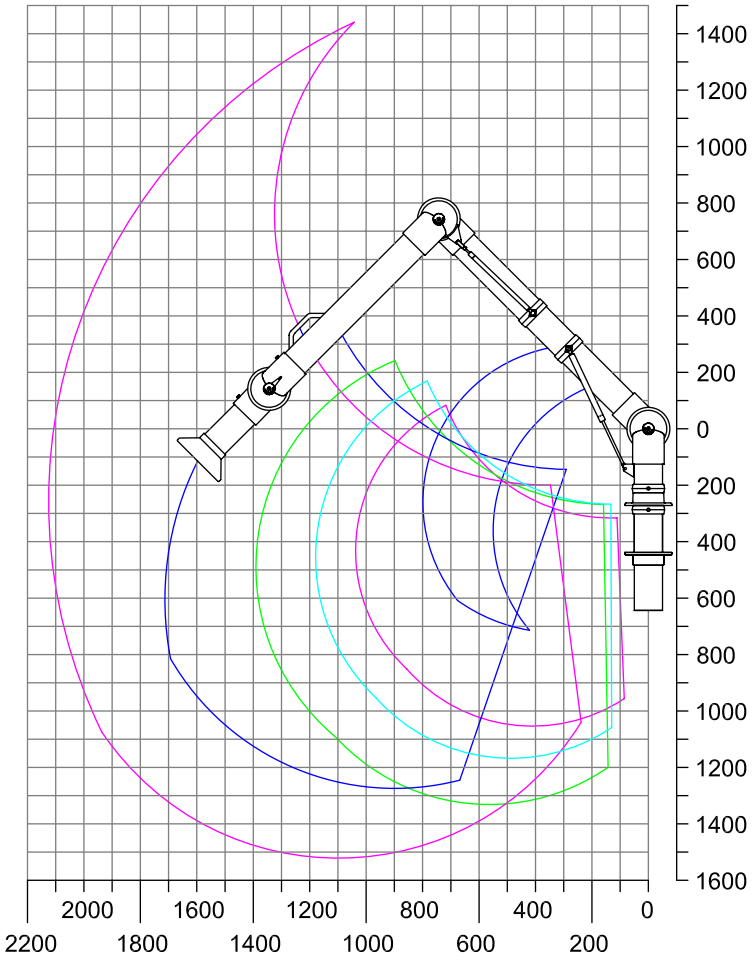
We do not recommend a stationary working position in the upper or lower working area.

All units in mm

** With 1 gas spring*

*** With 2 gas springs*

Model 100-55-1-6
Model 100-4540-1-6
Model 100-5545-1-6
Model 100-6555-1-6
Model 100-9065-1-6*
Model 100-10585-1-6**



System 100 - Antistatic (AS)

All components RoHS-compatible.

Design:

- Extraction arm for mounting on wall/ceiling.
- Working range 795 - 2130 mm
- Recommended airflow 140 to 400 m^3/h
- Diameter of tube Ø100 mm
- Tubes and joints made of conductive, shatterproof, chemical resistant polypropylene (PP)
- All O-rings conductive and maintenance free
- Integrated valve. When in an open position out of the flow path to maintain the maximum amount of flow
- All threaded stays, internal springs and thumb-screws made of acid-proof stainless steel (AISI 316L)
- POP® rivets made of acid proof stainless steel (AISI 316L) for increased durability in aggressive environments
- All hoods can be provided with a protective netting (accessory) to reduce the risk of extracting foreign objects
- Approved for ESD-areas according to IEC 61340-5-1
- Approved for ESD/Ex-areas according to EN 80079-36:2016 and EN 80079-37:2016 according to ATEX directive 2014/34/EU labelled Ex II 1 GD
- The extraction arms are equipped with an earth wire for EX-areas. For mounting in ESD-areas, an earth wire with a 1MΩ resistance is enclosed.
- Dismantling of the arm without tools for cleaning

Links: Pressure drop chart, Mounting without gas spring, Mounting with gas springs, User's manual Capture efficiency, Test reports

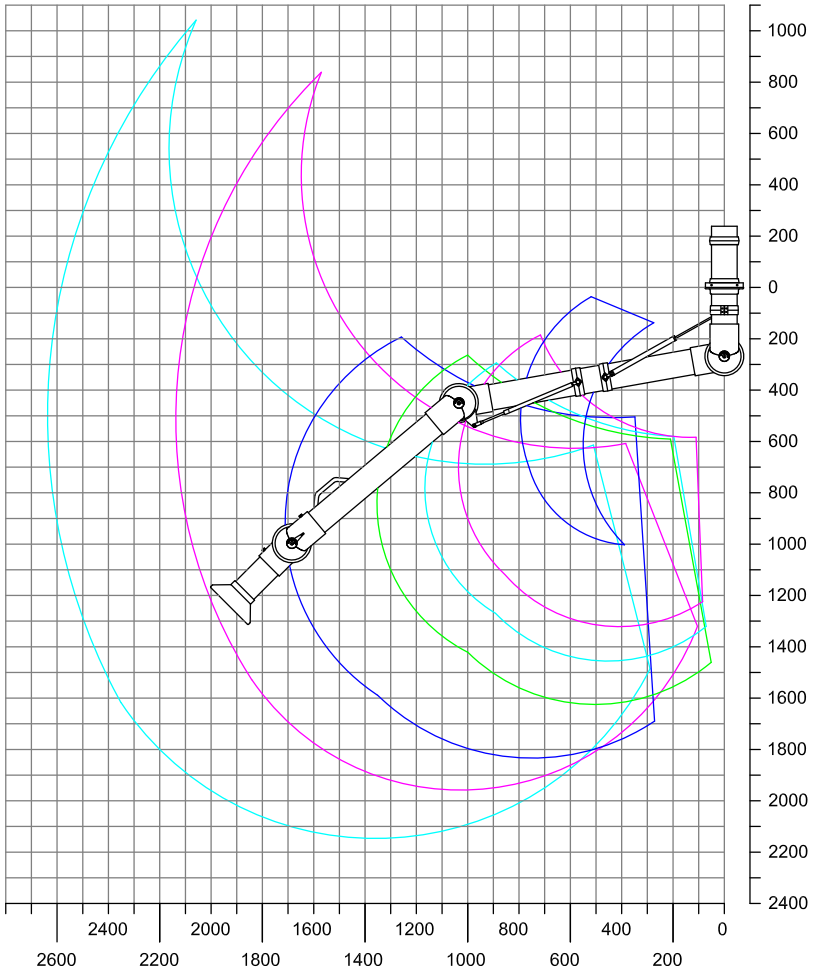
Working area

We do not recommend a stationary working position in the upper or lower working area.

All units in mm

** With 1 gas spring*

*** With 2 gas springs*



A: Model 100-55-3-6
B: Model 100-4540-3-6
C: Model 100-5545-3-6
D: Model 100-6555-3-6
E: Model 100-9065-3-6*
F: Model 100-10585-3-6**
G: Model 100-135105-3-6**

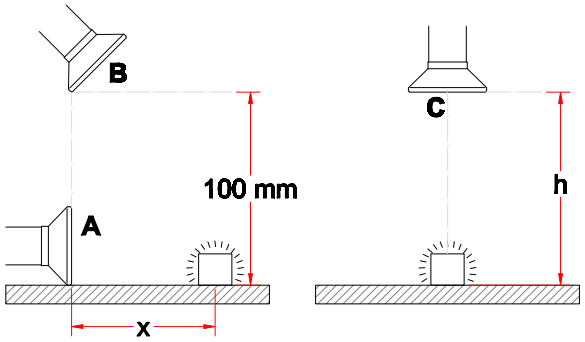
Metal hood 1-10024-6

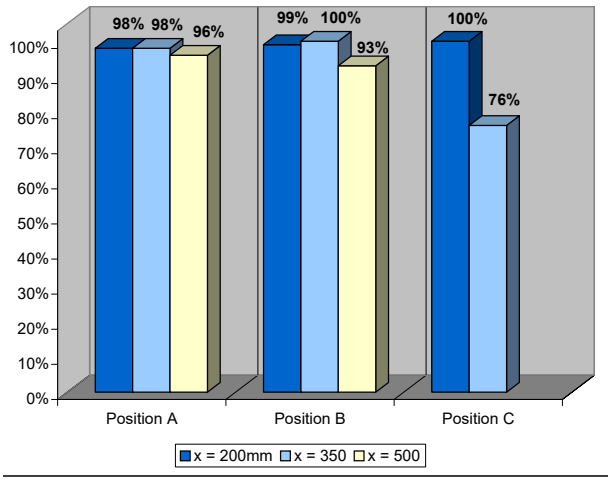
alsident® system
A cleaner working environment

System 100 - Antistatic (AS)

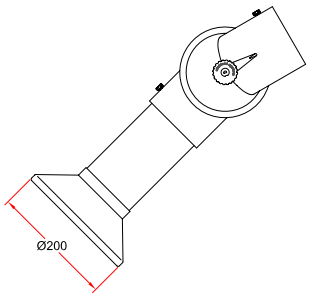
- Metal hood recommended when extracting hot gases, fumes, light dust concentrations etc.
- Diameter of hood: Ø200 mm
- Hood made of chromated (TCP) aluminium to assure permanent conductivity
- Connecting tube and flange made of conductive, chemical resistant polypropylene (PP)

Capture efficiency





Drawing



Round hood 1-10035-6

alsident® system
A cleaner working environment

System 100 - Antistatic (AS)

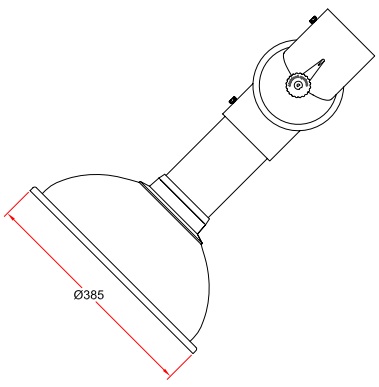
- Round hood recommended for light fumes, gases and over small open vessels
- Diameter of hood: Ø385 mm
- Increased stability when moving the hood due to reinforced rim of the hood
- Increased efficiency at an angled position
- Hood and connection tube made of conductive, shatterproof and chemical resistant polypropylene (PP)

Capture efficiency

For this product there are no measurements.

In order to achieve optimal position, please compare with article no. 1-10050.

Drawing



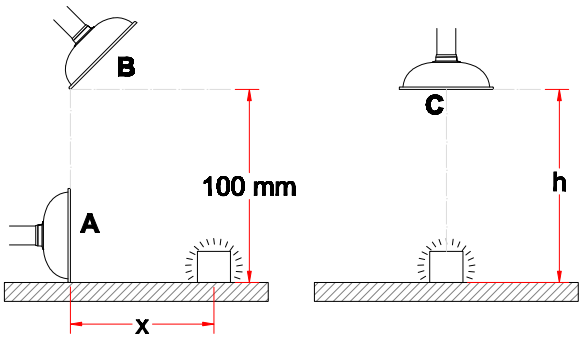
Round hood 1-10050-6

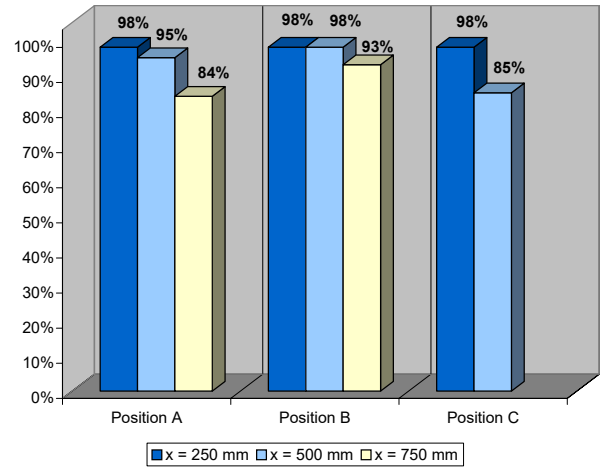
alsident® system
A cleaner working environment

System 100 - Antistatic (AS)

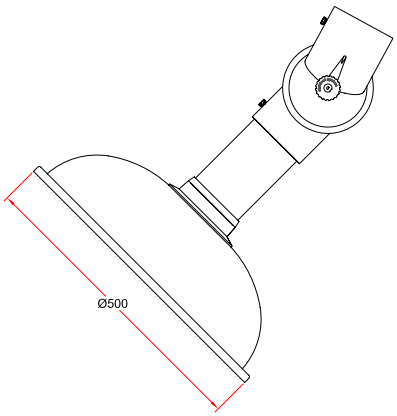
- Round hood recommended for light fumes, gases and over open vessels
- Diameter of hood: Ø500 mm
- Increased stability when moving the hood due to reinforced rim of the hood
- Increased efficiency at an angled position
- Hood, connection tube and flange made of conductive chemical resistant polypropylene (PP)

Capture efficiency





Drawing



Metal hood 1-10036-6

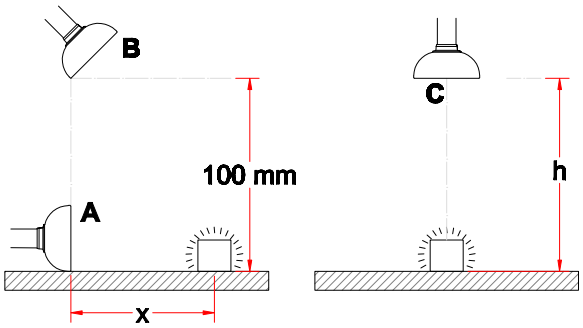
alsident® system
A cleaner working environment

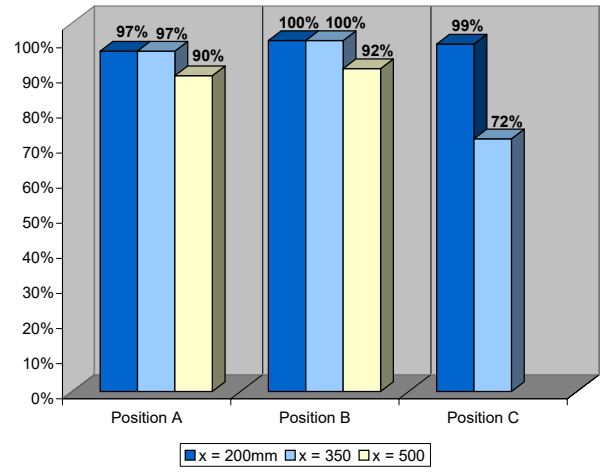
System 100 - Antistatic (AS)

- Metal hood recommended when extracting hot gases, fumes, light dust concentrations etc.
- Diameter of hood: Ø350 mm
- Increased efficiency at an angled position
- Hood made of chromated (TCP) aluminium to assure permanent conductivity
- Flange and connection tube made of conductive, shatterproof and chemical resistant polypropylene (PP)

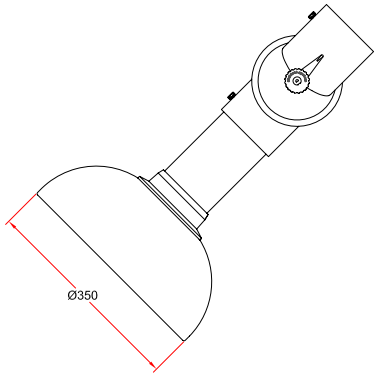
NB! THE HOOD IS DISCONTINUED

Capture efficiency





Drawing



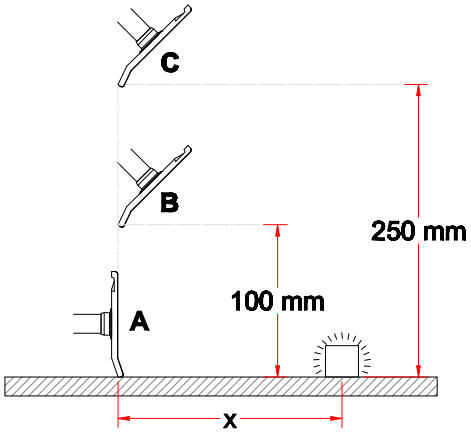
Flat hood 1-1004228-6

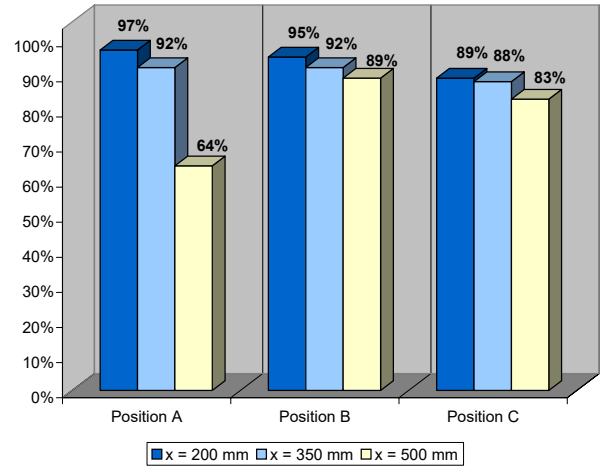
alsident® system
A cleaner working environment

System 100 - Antistatic (AS)

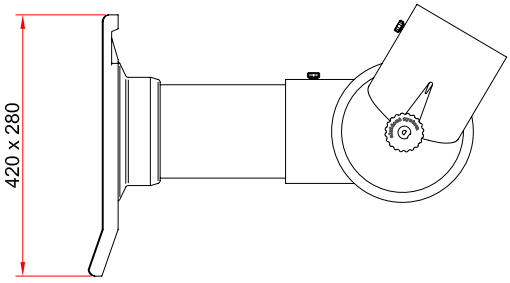
- Flat hood recommended when extracting heavy gases and fumes
- Dimension of the hood: 420×280 mm
- Increased capture efficiency when placed vertically on a surface
- Hood, connection tube and flange made of conductive, chemical resistant polypropylene (PP)

Capture efficiency





Drawing

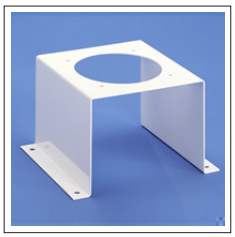


U-profile 30-100-5

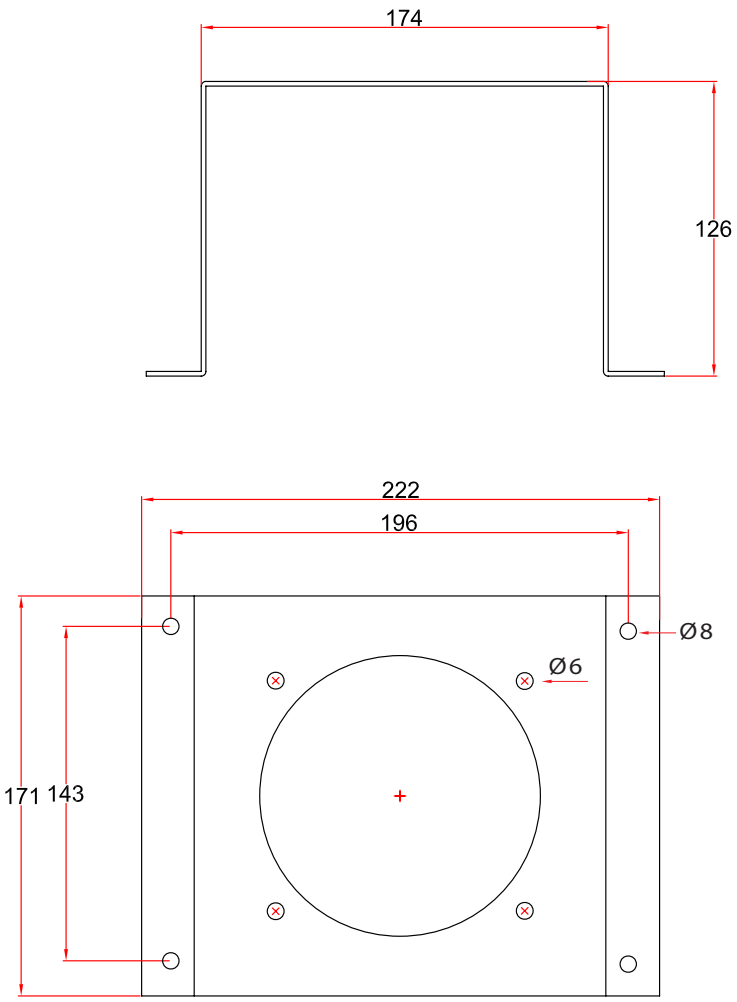
alsident® system
A cleaner working environment

System 100 - Antistatic (AS)

- Bracket/U-profile to support the socket pipe of long extraction arms for table mounting
- Made of steel with a polyester powder-coating on all surfaces
- Colour: white



Drawing



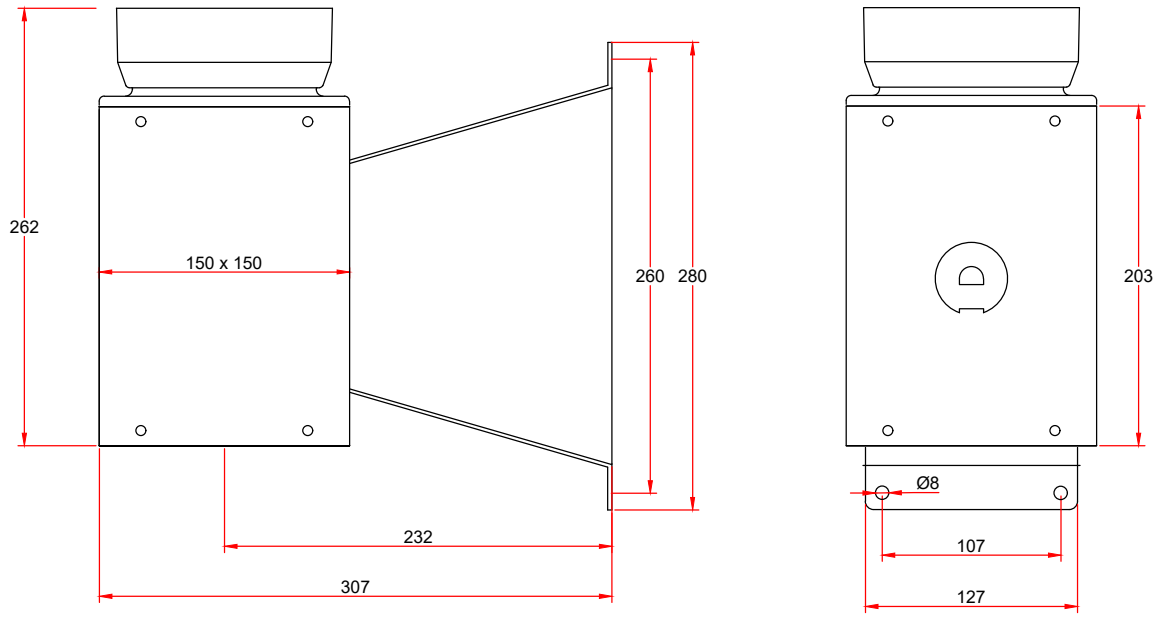
Wall bracket 2-100-203-050

alsident® system
A cleaner working environment

System 100 - Antistatic (AS)

- Wall bracket to mount extraction arms for wall or ceiling mounting to the wall
- Made of steel with a polyester powder-coating on all surfaces
- Colour: black
- Reducer to duct Ø125mm included

Drawing



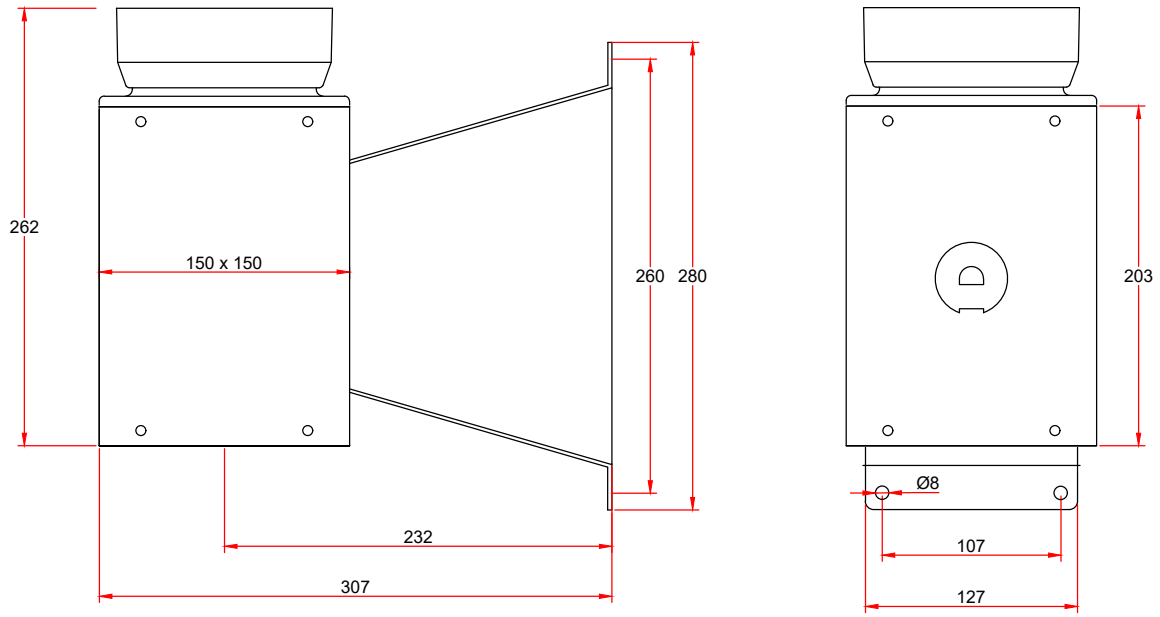
Wall bracket 2-100-203-22-6

alsident® system
A cleaner working environment

System 100 - Antistatic (AS)

- Wall bracket to mount extraction arms for wall or ceiling mounting to the wall
- Made of acid proof stainless steel (AISI 316L) with a black top
- Reducer to duct Ø125 mm included

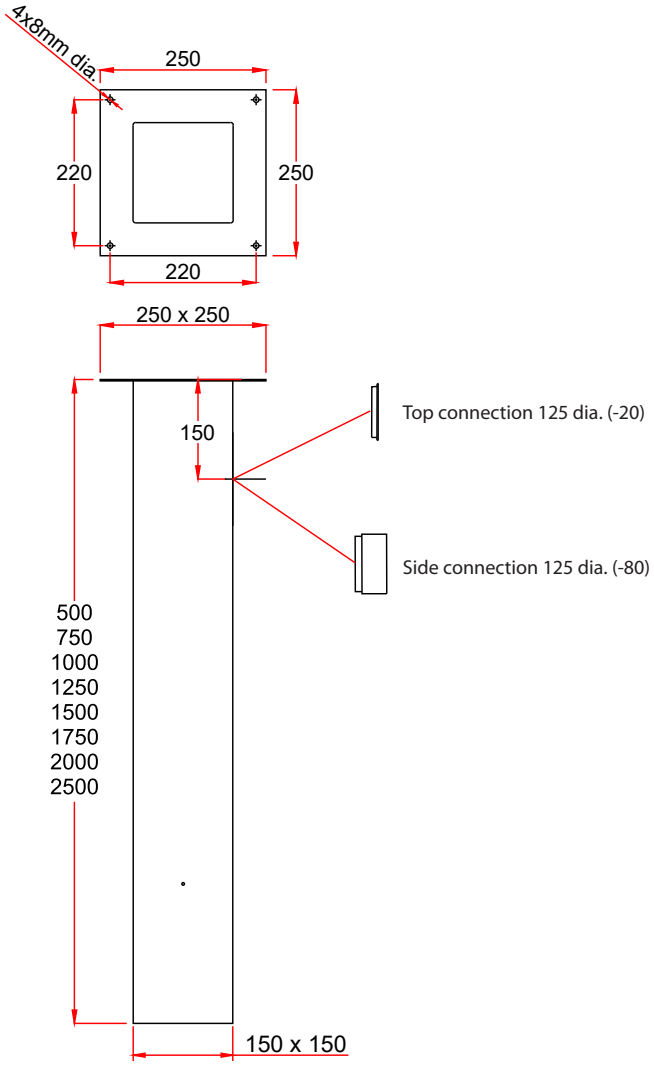
Drawing



System 100 - Antistatic (AS)

- Ceiling column to mount extraction arms for ceiling mounting to the ceiling
- Strong construction made of steel
- Increased durability due to polyester powder-coating on all surfaces
- Top connection (-20) or side connection Ø125 (-80)
- Colour: white (-) or black (-050)
- Dimension: 150x150 mm
- Length: 500 - 2500 mm

Drawing

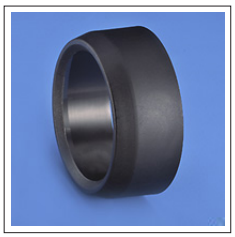


Reducer 4-100125-6

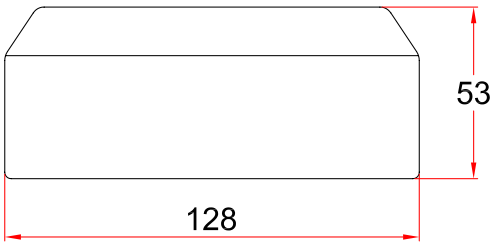
alsident® system
A cleaner working environment

System 100 - Antistatic (AS)

- Reducer to connect extraction arm and ventilating duct
- Reduces from Ø125 - Ø100
- Made of conductive polypropylene (PP)
- Colour: black



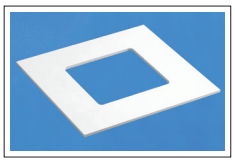
Drawing



Cover flange 4-250-250

alsident® system
A cleaner working environment

System 100 - Antistatic (AS)



- Cover flange to mount on false ceiling. Hides the carrying of the ceiling column through the false ceiling
- Dimensions: 250 x 250 mm
- Material: polystyrene
- Fasten with glue or small screws
- Colour: white

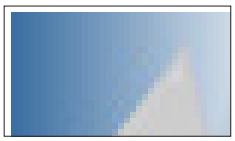
Drawing

For this product there is no drawing

Support bracket 2-100-5

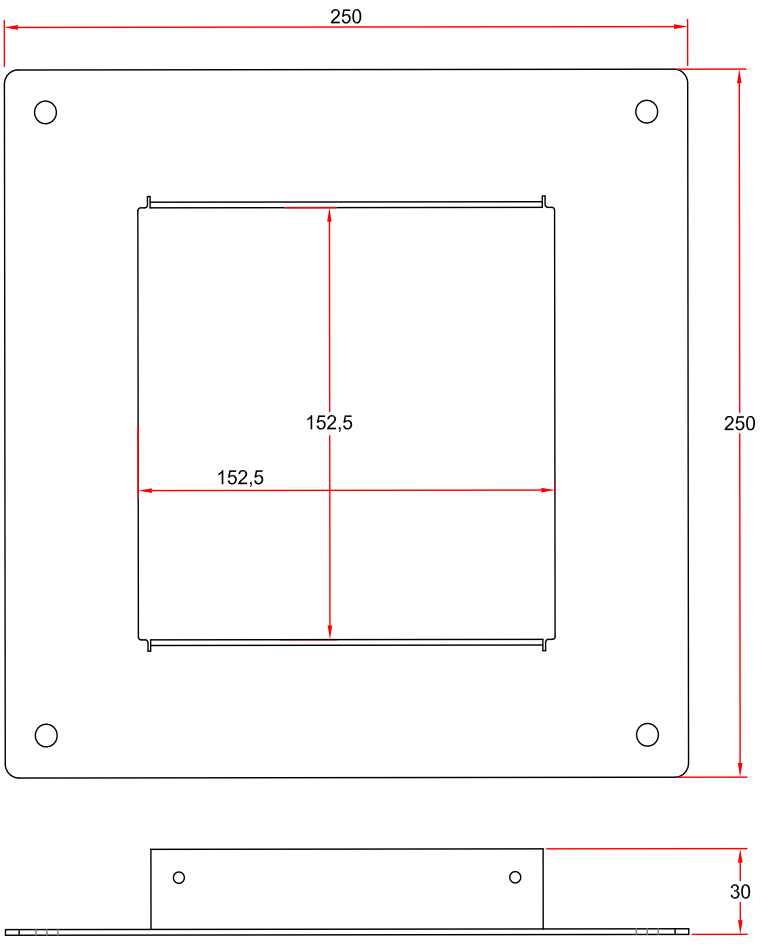
alsident® system
A cleaner working environment

System 100 - Antistatic (AS)



- For extra support of long ceiling columns when mounted to ceiling racks or with wires to the deck
- Made of steel with a polyester powder-coating on all surfaces
- Colour: white
- Dimensions: 250 x 250 mm

Drawing

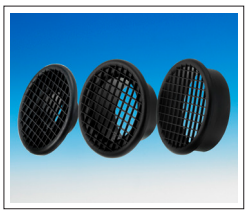


Protective netting 5-18-6

alsident® system
A cleaner working environment

System 100 - Antistatic (AS)

- Protective netting to be placed in the hood
- Protects against extraction of foreign objects
- Conductive polypropylene (PP)
- Colour: Black



Drawing