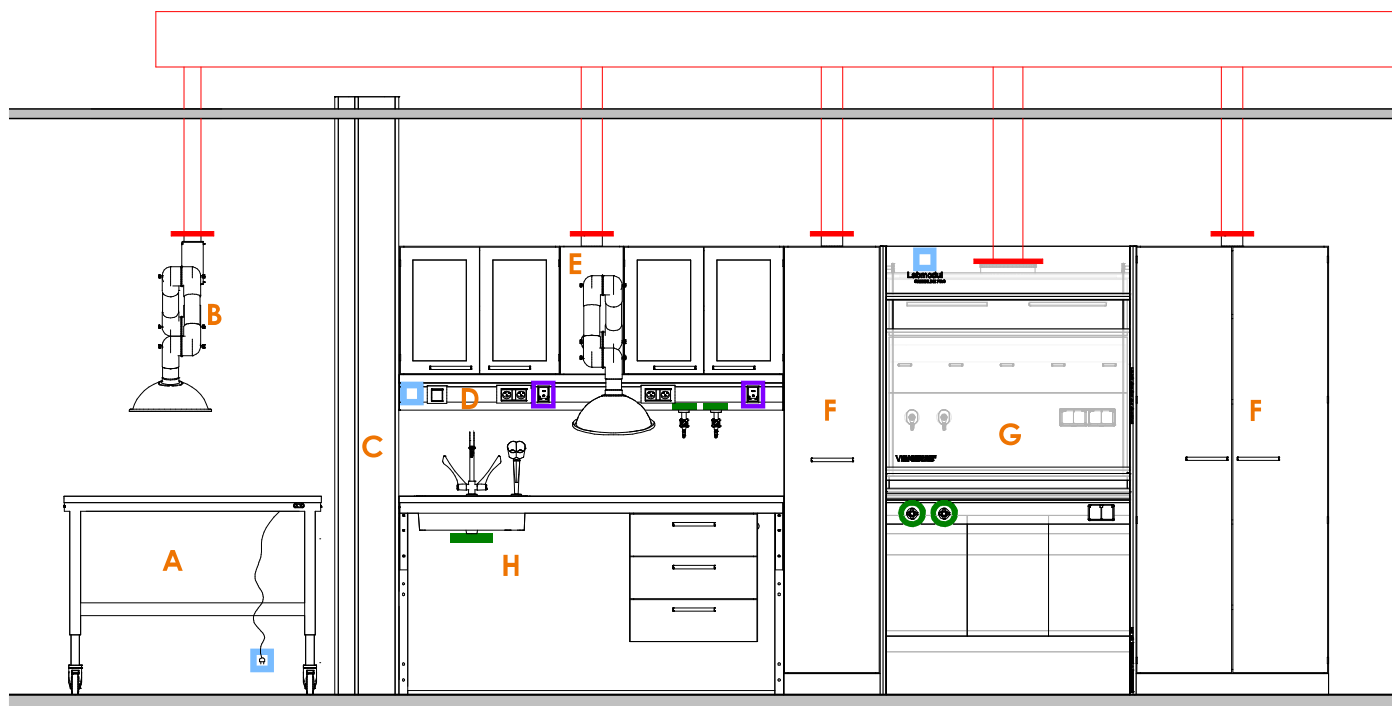




Standard interface drawing / Standard grænsefladeskema



- A** Height adjustable table / Hæve-sænke bord
B Extraction arm / Sugearm
C Service chases / Nedføringskanal
D Service bridge / Servicebro
E Extraction cabinet / Punktsug skab
F Chemical cabinet / Kemikalieskab
G Fume cupboard / Stinkskab
H Sink, Drain, Mixer tap / Vask, Afløb, Blandingsbatteri

- Ventilation / Ventilation
 Water, drain and gasses / Vand, afløb og gasser
 Electrical / Elektrisk
 Network / Netværk

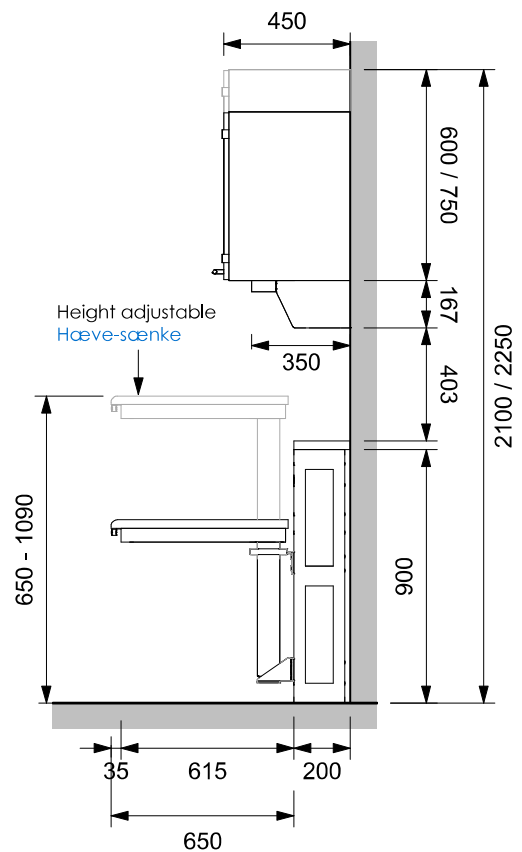
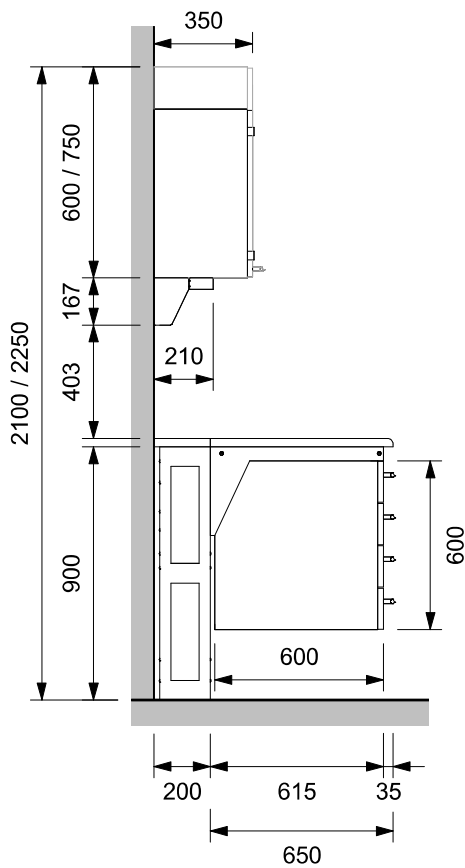
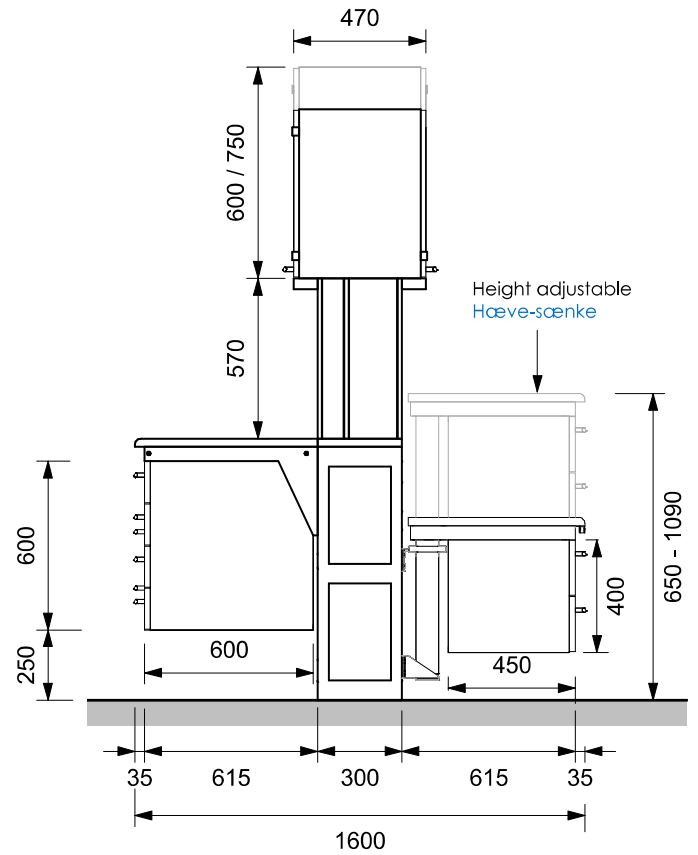
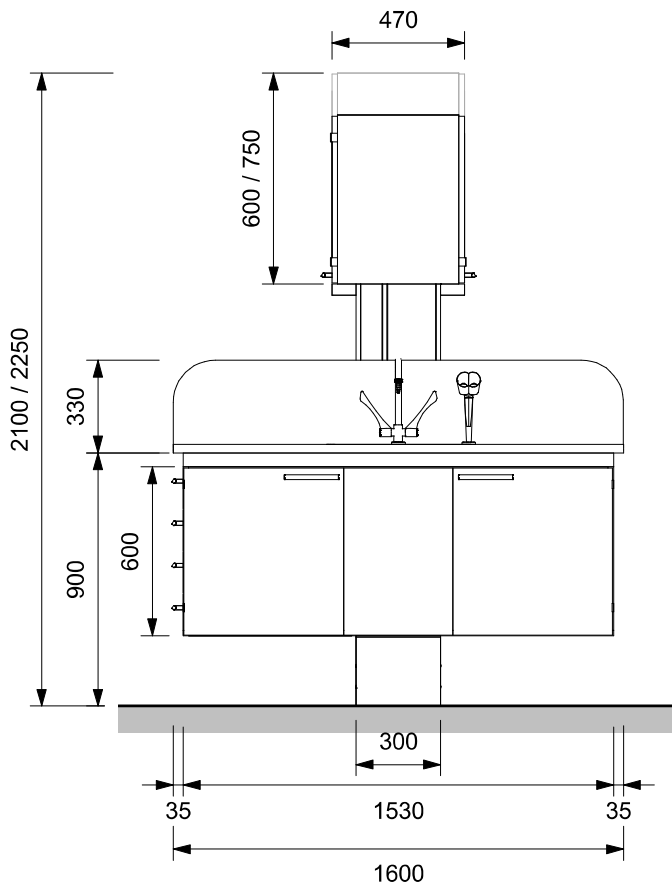
- A** The electrically height-adjustable tables are supplied with a connection cable which is to be mounted to the existing plug socket.
 Elektriske hæve/sænke bord leveres med tilslutningskabel påmonteret stik til eksisterende stikkontakt
- B** Extraction arms are supplied prepared with a connecting flange for connection by the ventilation contractor, from the ceiling.
 Sugearme leveres forberedt for tilslutning af ventilationsentreprise fra loft.
- C** The service chases (LMK) are supplied for conveying technical installations.
 Nedføringskanal (LMK) leveres til fremføring af tekniske installationer.
- D** Service bridges can be delivered with and without outlets for sockets and networks. Sockets that are wired from the factory are collected in a box at the end of the electrical duct, near the on/off switch for the light.
 PDS is delivered as an empty case and installations are carried out by another contractor.
 The fittings or taps for water & gases must be connected directly by the plumbing installer to the outlet.
 Servicebroer kan leveres med og uden udtag for stikkontakter og netværk. Stikkontakter som er fortrådet fra fabrik samles i en dåse for enden af elkanalen, nær on/off for lyskontakten.
 PDS leveres som tom dåse og installationer fremføres af anden entreprenør.
 Armaturer for vand & gasser skal tilsluttes direkte af VVS installatør til udtaget.
- E** Extraction boxes are delivered prepared with a connection flange for connection by the ventilation contractor from the ceiling. It can be delivered with or without an extraction arm
 Sugekasser leveres forberedt med tilslutningsflange for tilslutning af ventilationsentreprise fra loft. Kan leveres med eller uden sugearm
- F** Chemical and poison cabinets are supplied prepared with a connecting flange for connection by the ventilation contractor from the ceiling.
 Kemikalie og giftskabe leveres forberedt med tilslutningsflange for tilslutning af ventilationsentrepris fra loft.
- G** Fume cupboards are supplied prepared with a connecting flange for connection by the ventilation contracting on top of the fume cupboard cabin.
 Electrical outlet installations assembled in a junction box on top of the fume cupboard cabin.
 Fittings or taps for water and gases are connected internally and are connected directly by the plumbing installer to the front panel valves under the worktop.
 Stinkskabe leveres forberedt med tilslutningsflange for ventilationsentreprise på toppen af stinkskabets kabinen.
 Installationer for elektriske udtag samlet i en tilslutningsboks på toppen af stinkskabets kabine.
 Armaturer for vand og gasser er forbundet internt og tilsluttes direkte af VVS installatør til sargventiler under bordpladen.
- H** Worktop mounted fittings or taps and sinks are connected directly by the plumbing installer.
 Bordmonterede armaturer i bordplader og vaske tilsluttes direkte af VVS installatør.

System Performance

System Performance

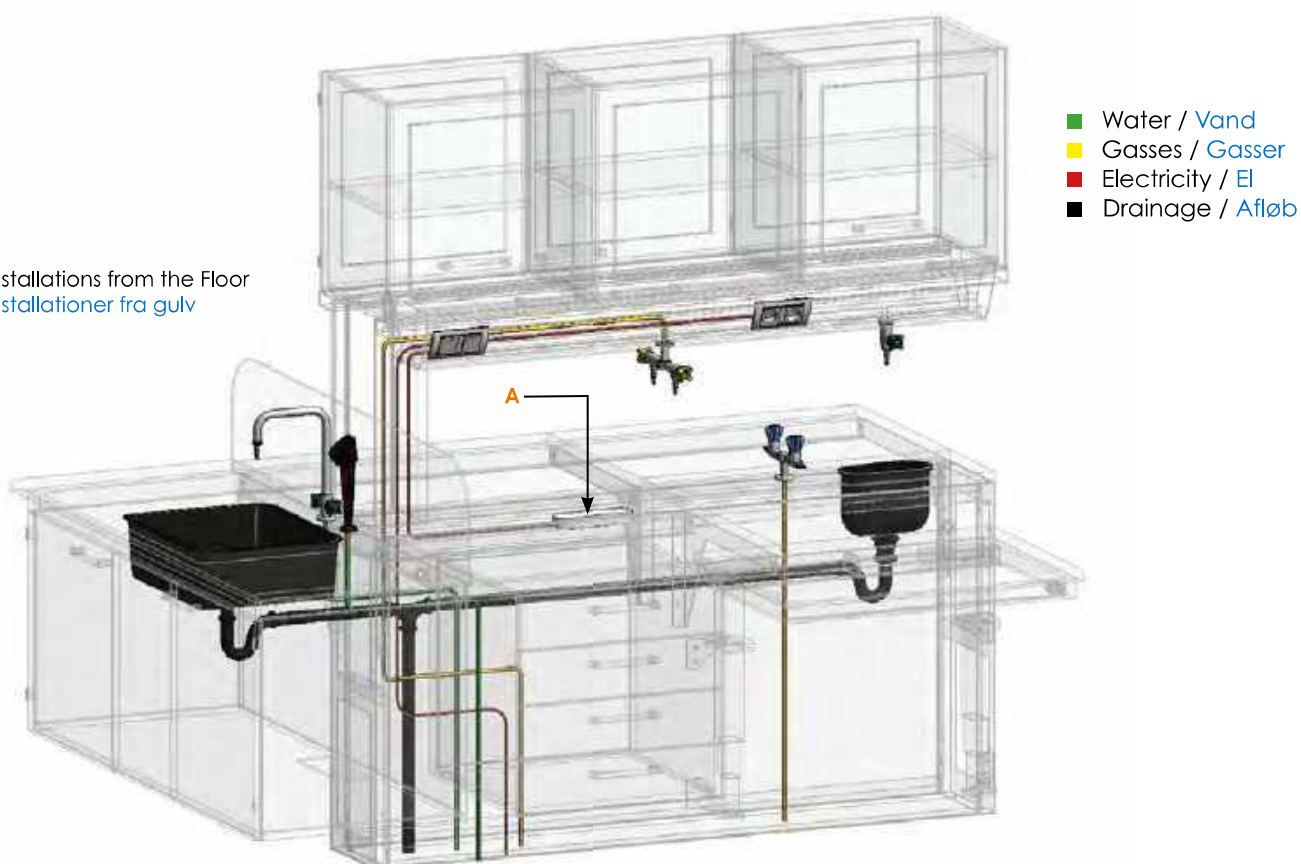


System Performance technical Drawings / System Performance tekniske tegninger



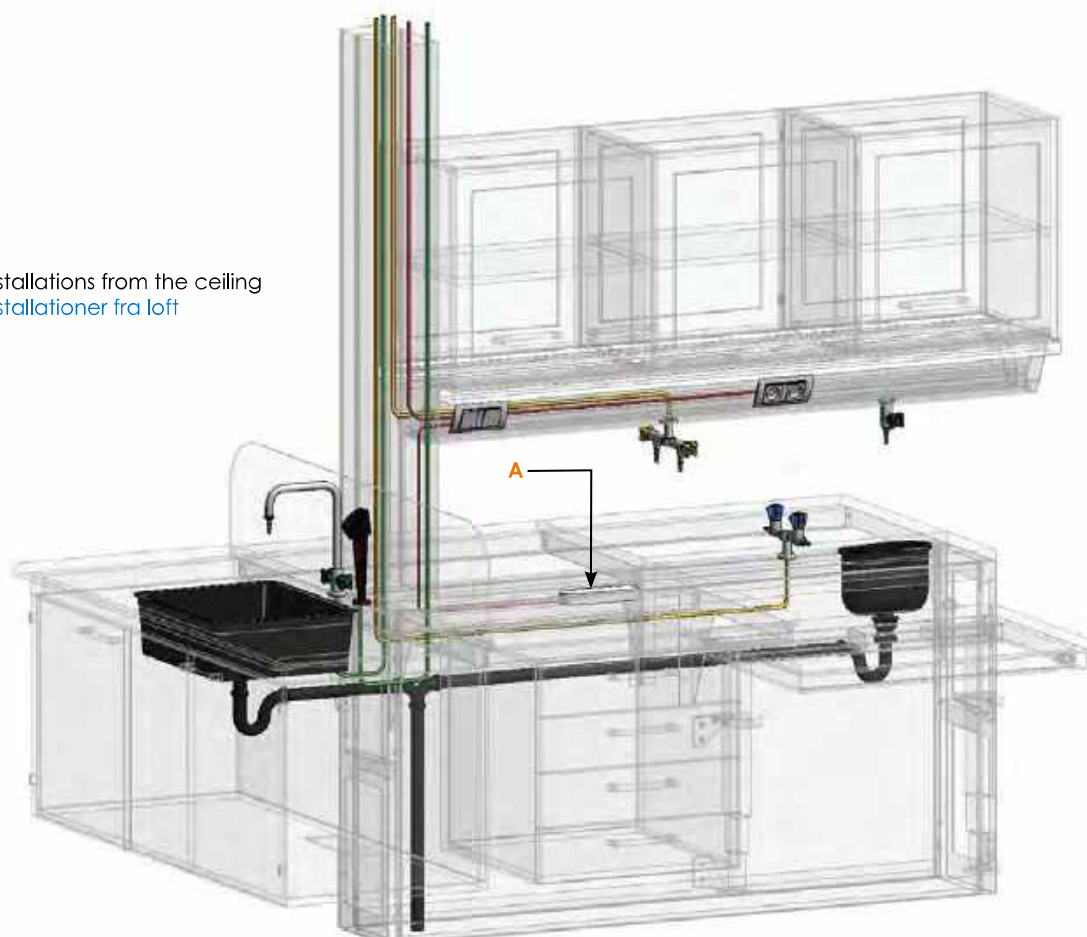
System Performance - Installations / System Performance - installationer

Installations from the Floor
Installationer fra gulv



- A Socket that comes with the service bridge when we deliver height-adjustable support frames to the Performance system
- A Stikdåse som følger med servicebro når vi leverer hæve/sænke bærerammer til Performance system

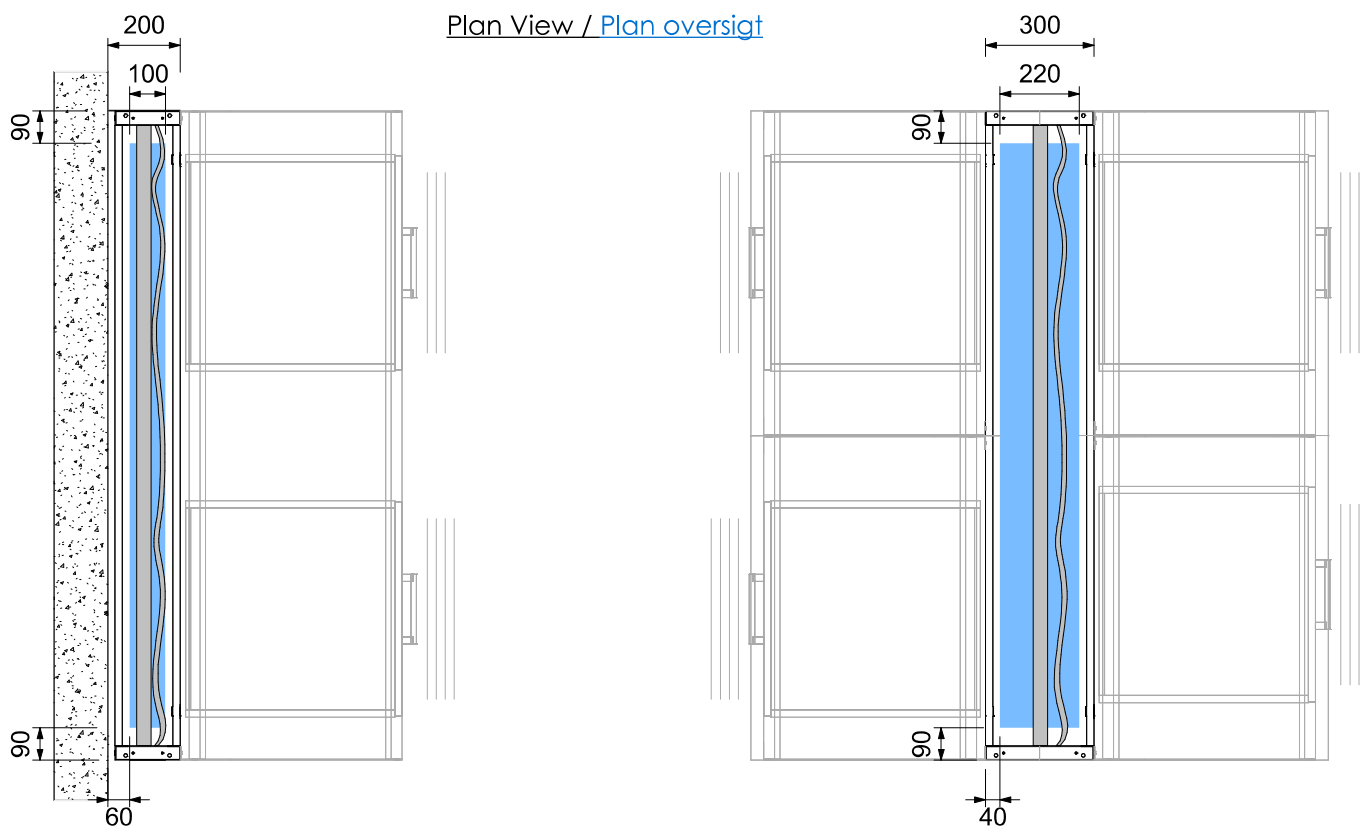
Installations from the ceiling
Installationer fra loft



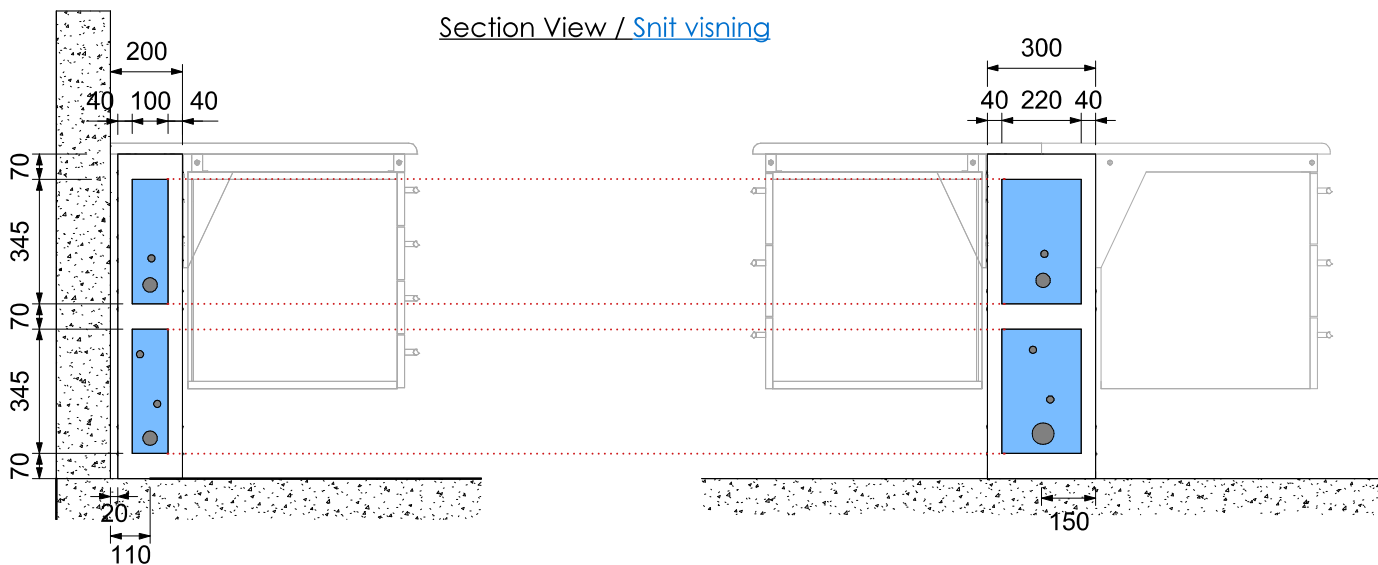
System Performance - Installations Detail / System Performance - Installationsdetalje

- Installation area for vertical running pipes and cables from the floor / Installationsområde for fremføring af lodrette rør og kabler
- Pipes and cables for electricity, water and gasses / Rør og kabler til el, vand & gasser

Plan View / Plan oversigt



Section View / Snit visning



Service Spine - Specification

Service spines for Performance systems are supplied in various modular dimensions, for the best possible utilization of the rooms. Installation panels are delivered in module dimensions 600/900/1200/1500/1800 mm. Service spine come in two types, wall panel (200 mm in depth) and free-standing panel (300 mm in depth). Service spines are available in 2 heights, 720mm and 900mm. Cabinets are mounted freely hanging under the worktops and can be moved simply by pulling the cabinet to the sides.

All steel components are electrostatically powder coated at a minimum thickness of 80µ according to ISO standard No. 2802, resistant to all chemicals normally used in a laboratory. Vertical panel ends are supplied as standalone ends at an array and as double service spine panels between them. These are made in 4 mm profiled steel. The ends are bolted to a solid surface. Horizontal distance braces are made of 1.5 mm bent steel with welded laser cut hooks in steel.

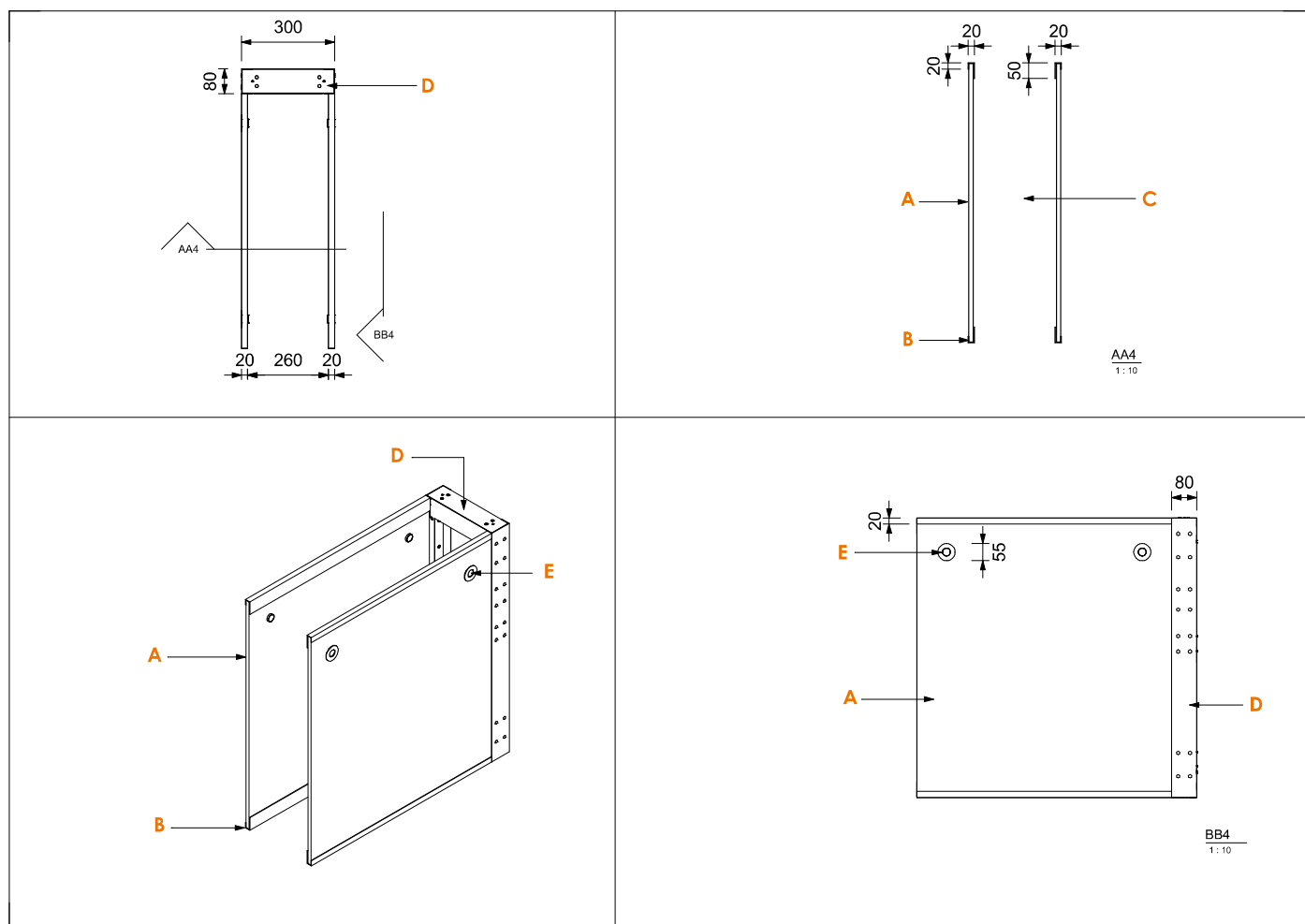
- A Front panels** are made of 12 mm thick chipboard with 110 g melamine coating and have 1 mm ABS edgeband on all sides. The front panels are removable for access to the technical installations built into the service spine.
- B 1.5 mm bent steel** with welded laser cut hooks in steel.
- C Service spine**
- D Vertical steel panel** (electrostatically powder coated at a minimum thickness of 80µ)
- E Ø55 mm Flush pole** with PA plastic

Installationspanel - specifikation

Installationspaneler leveres i forskellige modulmål for optimal udnyttelse af rummet. Modulbredderne er 600/900/1200/1500/1800 mm. Vægpaneler er 200 mm dybe og fritstående paneler er 300 mm dybe og findes i 2 højder, 720 mm og 900 mm. Skabe monteres frihængende under bordplader og kan flyttes ved at skubbe dem til siderne.

Alle stålkomponenter er elektrostatisk pulverlakeret med en minimumstykkelse på 80µ i henhold til ISO-standard nr. 2802, resistente over for alle kemikalier, der normalt bruges i et laboratorium. Lodrette panelgavle leveres som enkeltgavl i ender på en opstilling og som dobbelt gavl imellem disse. Disse er udført i 4 mm profilbuktet stål. Gavlene boltes i fast underlag. Vandrette afstandsstivere er udført i 1,5 mm buket stål med på svejste laserskårne hægter udført i stål.

- A Forpladerne** er udført i 12 mm 110g melamin, kantet på 4 sider med 1 mm ABS kantbånd og er aftagelige. Fjernes disse gives der adgang til de tekniske installationer indbygget i teknikpanelet.
- B 1,5 mm buket stål** med på svejste laserskårne hægter udført i stål.
- C Teknikpanel**
- D Lodrette panelgavle** (elektrostatisk pulverlakeret med en minimumstykkelse på 80µ)
- E Ø55 mm Skålegreb** lavet med PA-plast

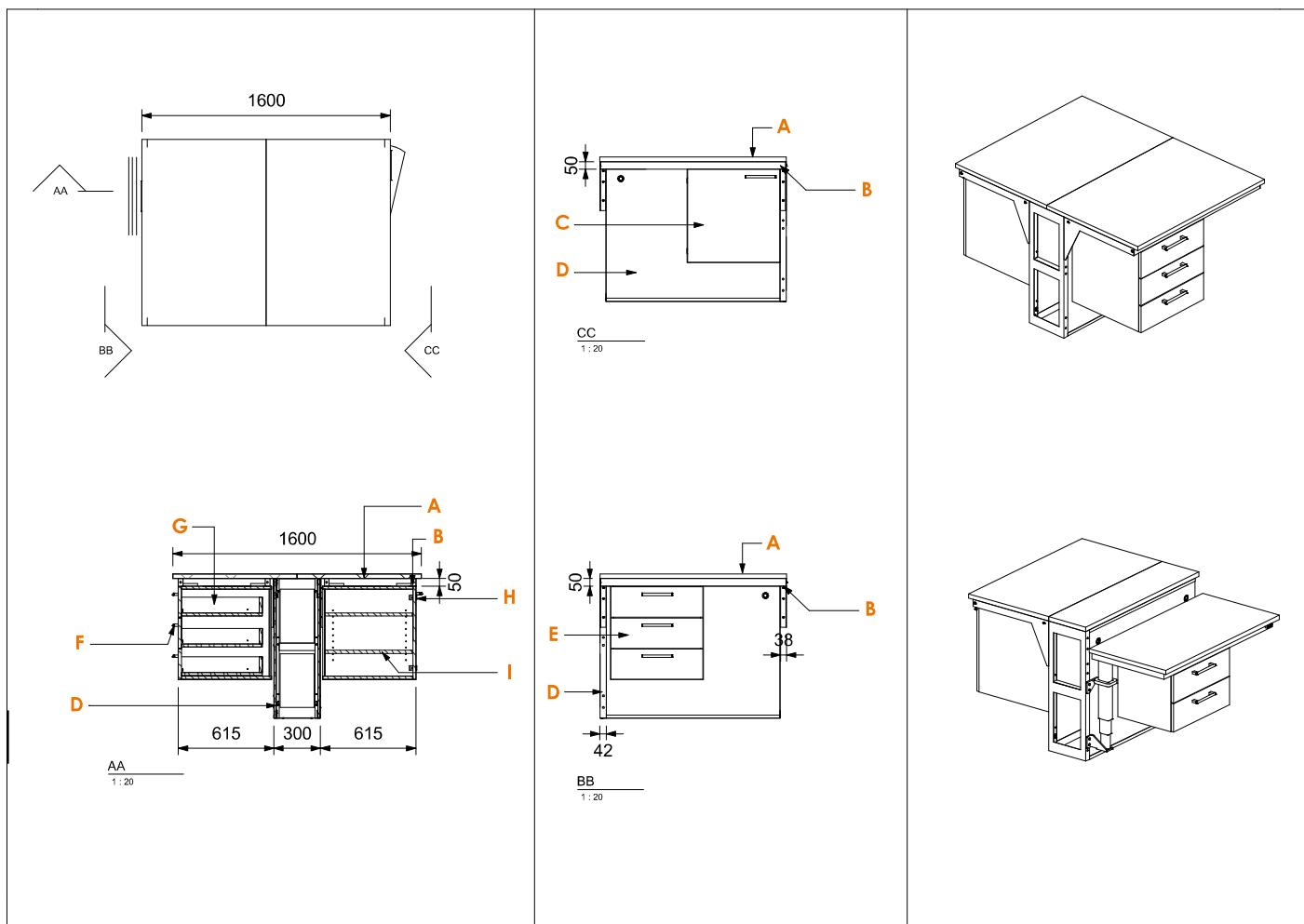


Performance Panel - Specification

Performance panel - specifikation

- A Worktop
- B Support frame
- C Cabinet with Door
- D Performance Panel (Steel profiles with melamine front plate)
- E Cabinet with Drawers
- F Handle
- G Drawers
- H Hinges (aximat 300 SM)
- I Shelves (19 mm melamine)

- A Bordplade
- B Bæleramme
- C Skab med låge
- D Performance panel (stålprofiler med melamin frontplade)
- E Skab med skuffer
- F Greb
- G Skuffer
- H Hængsler (Aximat 300 SM)
- I Hylder (19 mm melamin)



Support frame - Specification

Bærerammer - specifikation

Support frames for worktops that are installed on performance panels are made of laser-cut steel which are assembled in modular dimensions with 2 pcs. load-bearing cross-sections made of aluminum. They are prepared for hanging movable under-bench cabinets.

Support frames are bolted to the performance panels and can be mounted freely for either a sitting or standing height workplace. They are also offered with electrically height-adjustable function.

♦ Dynamic load: 150 kg distributed

♦ Static load: 300 kg distributed

All steel components are electrostatically powder coated at a minimum thickness of 80µ according to ISO standard No. 2802, resistant to all chemicals normally used in a laboratory. Support frame for performance panel is available in various modular dimensions for the best possible use of the rooms and is installed in height 720 and 900 mm (without worktop). Cabinets are mounted freely hanging under the worktops and can be moved simply by pulling the cabinet to the sides.

Bærerammer for bordplader til installationspaneler er udført i laserskårne stålplader, som samles i modulmål med 2 stk. bærende tværprofiler udført i aluminium. De er forberedt for ophængning af flytbare underskabe.

Bærerammer bolttes fast i installationspaneler og kan frit monteres for enten en sidde- eller ståhøjde arbejdsplads. Bærerammer tilbydes ligeledes med elektrisk højderegulering.

♦ Dynamisk belastning: 150 kg ensfordelt

♦ Statisk belastning: 300 kg ensfordelt

Alle stålkomponenter er elektrostatisk pulverlakeret med en minimumstykkelser på 80µ i henhold til ISO-standard nr. 2802, resistente over for alle kemikalier, der normalt bruges i et laboratorium. Bærerammer leveres i forskellige modulmål for bedst mulig udnyttelse af rummene og monteres i højde 720 og 900 mm (uden bordplade). Underskabe er monteret frit hængende under bordpladerne og kan flyttes helt enkelt ved at trække i skabet til siderne.

A HUB profiles are made of factory-covered aluminum and can be shortened in the width direction for future adaptation / rebuilding of the worktop for new functions. The HUB profiles are used for suspension of underbench cabinets that can be freely slid from side to side.

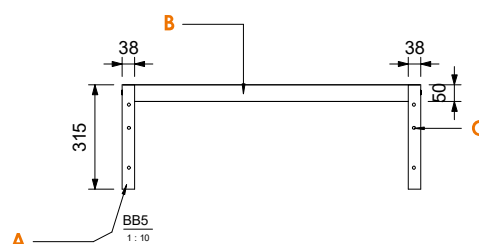
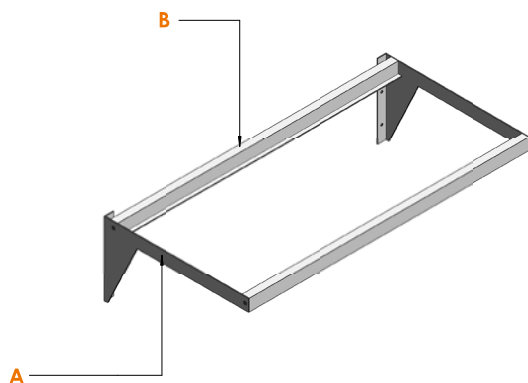
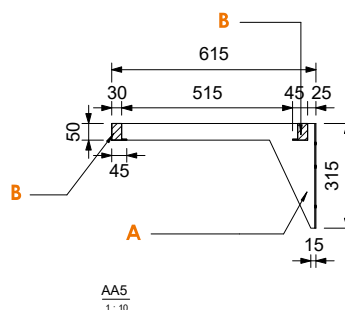
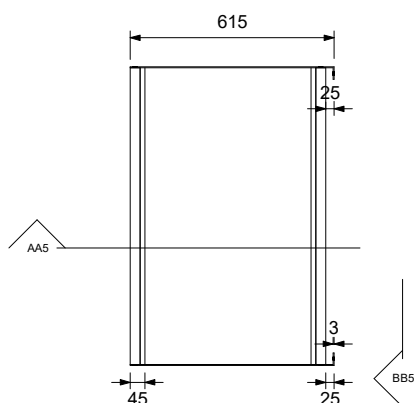
B Steel sides (electrostatically powder coated)

C Screw holes for connecting the frame to the performance panel.

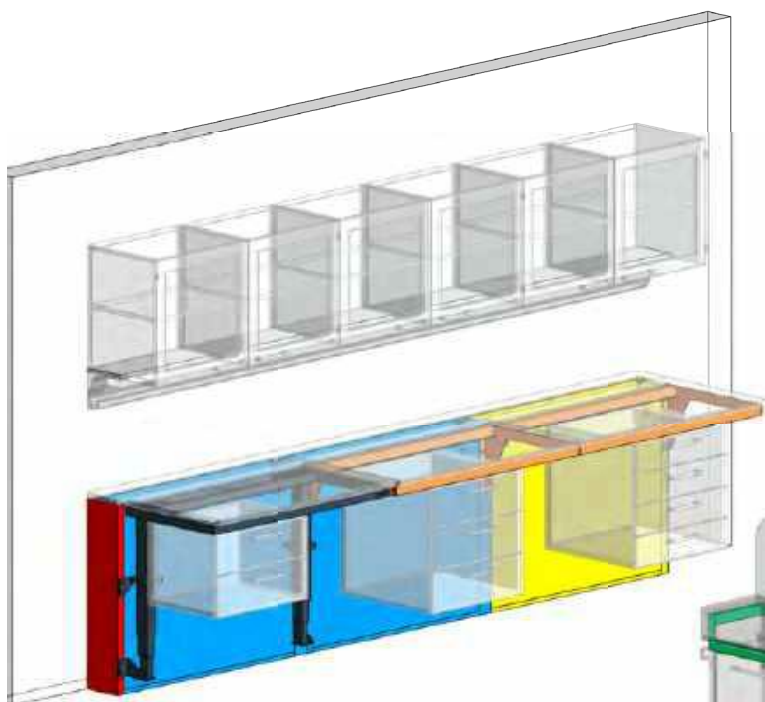
A HUB profiler er udført i coatet aluminium og kan afkortes i bredderetningen for fremtidig tilpasning / ombygning af bordstellet til nye funktioner. HUB profilerne anvendes til ophæng af underskabe, der frit kan skydes fra side til side.

B Stålsider (elektrostatisk pulverlakeret)

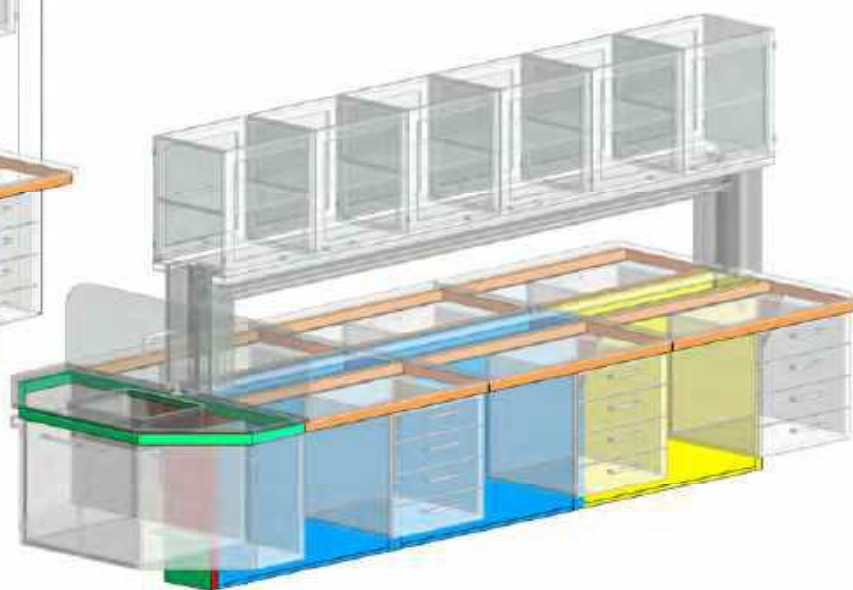
C Skruenhuller til tilslutning af rammen til installationspanel.



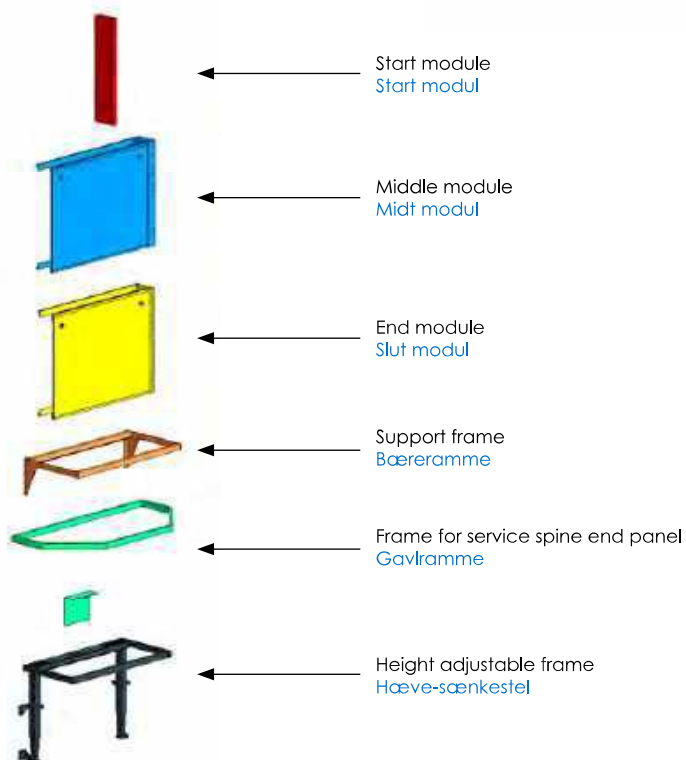
Performance panel illustration / Illustration af performancepanel



Performance Panel - to the wall
Performancepanel - til væg



Performance Panel - free standing
Performancepanel - frit stående



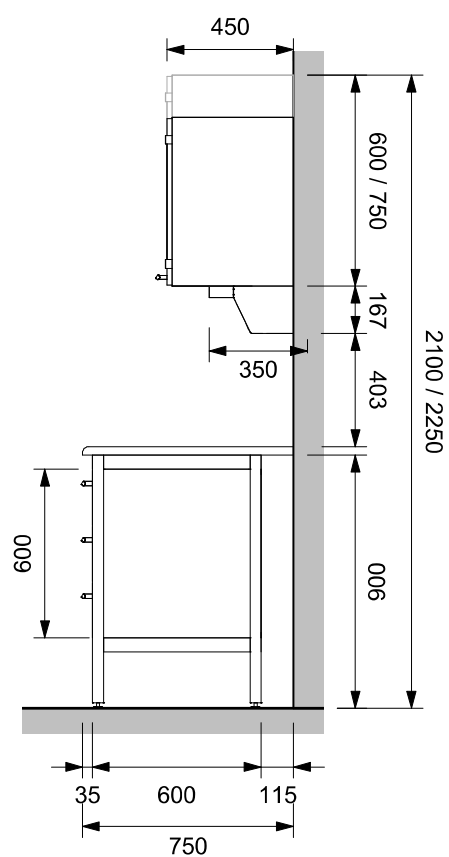
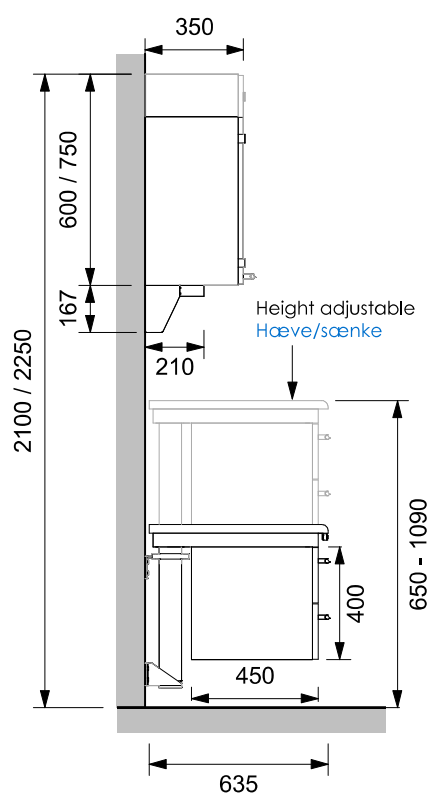
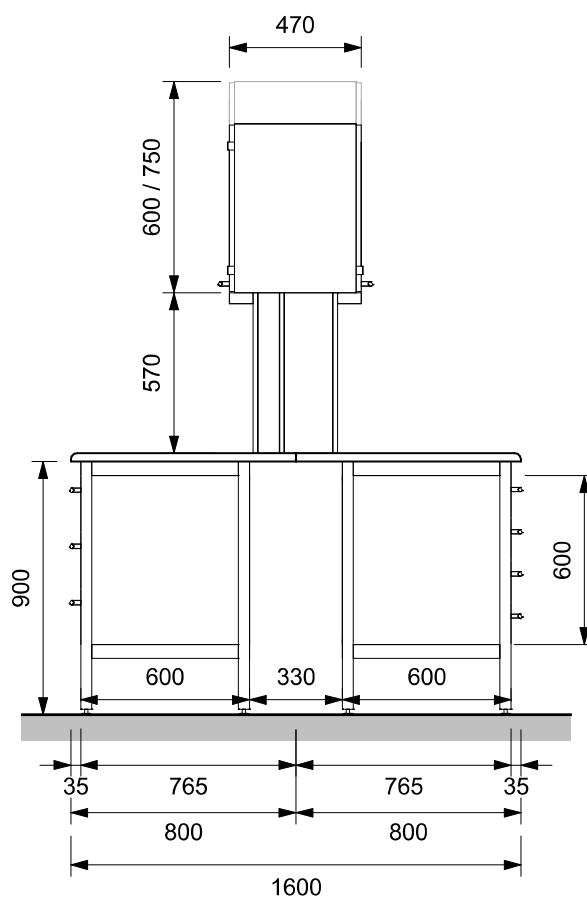
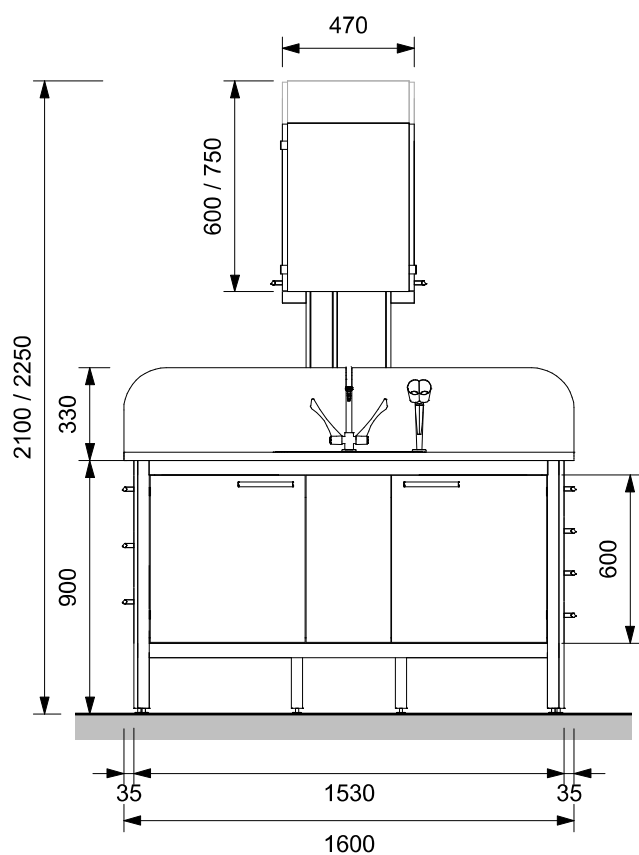


System Standard

System Standard

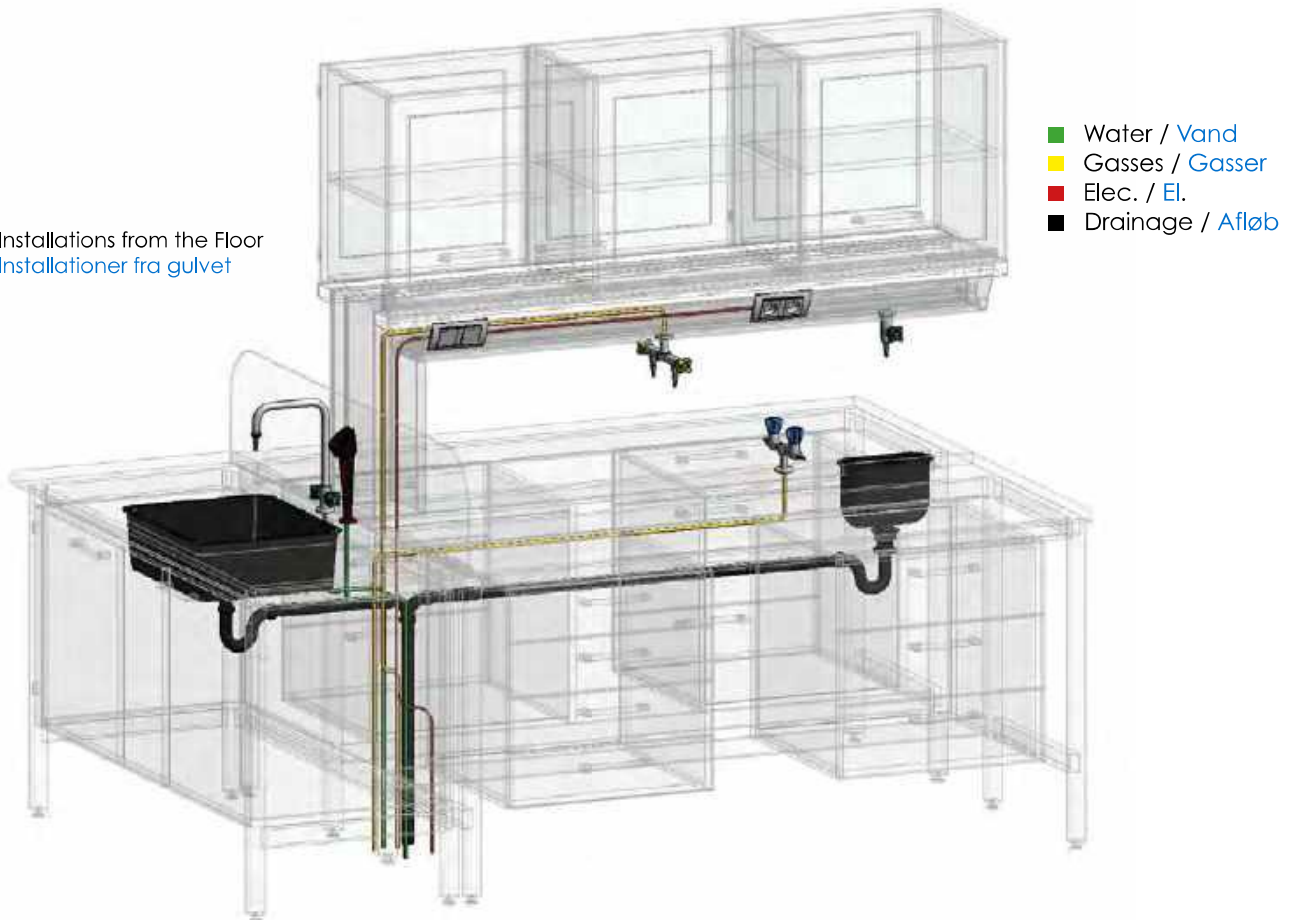


System Standard Technical Drawings / System Standard tekniske tegninger



System Standard - Installations / System Standard - installationer

Installations from the Floor
Installationer fra gulvet



Installations from the ceiling
Installationer fra loftet



Table frame - Specification

Table frames consist of 2 fully welded H-ends, made of a 40x40 mm pipe profile connected with 2 horizontal HUB profiles in the top, and a support profile horizontally at the bottom between the two end panels. Frames with 4 legs are also fitted with adjustable leveling shoes.

- ◆ Dynamic load: 150 kg distributed
- ◆ Static load: 300 kg distributed

All steel components are electrostatically powder coated at a minimum thickness of 80µ according to ISO standard No. 2802, resistant to all chemicals normally used in a laboratory. Table frame are available in various modular dimensions for the best possible use of the rooms and comes in height 720 and 900 mm without a worktop. Cabinets are mounted freely hanging under the worktops and can be moved simply by pulling the cabinet to the sides.

Bordstel - Specifikation

Bordstel er udført i 40x40 mm stålør med helsvejste H-gavle monteret med 4 justerbare stillesko for optagelse af skævheder i gulvet. Stellet samles i modulmål med 2 stk. bærende tværprofiler i aluminium, forberedt for ophængning af flytbare underskabe.

- ◆ Dynamisk belastning: 150 kg fordelt
- ◆ Statisk belastning: 300 kg fordelt

Alle stålkomponenter er elektrostatisk pulverlakerede med en minimumstykkelser på 80µ i henhold til ISO-standard nr. 2802, og resistente over for alle kemikalier, der normalt bruges i et laboratorium. Bordstel leveres i forskellige modulmål for bedst mulig udnyttelse af rummene og er i højde 720 og 900 mm (uden bordplade). Underskabe er monteret frit hængende under bordpladerne og kan flyttes helt enkelt ved at trække i skabet til siderne.

A HUB profiles are made of factory-covered aluminum and can be shortened in the width direction for future adaptation / rebuilding of the table top for new functions. The HUB profiles are used for suspension of underbench cabinets that can be freely slid from side to side.

B Frame leg 40x40mm (electrostatically powder coated)

C Support profile 20x50mm

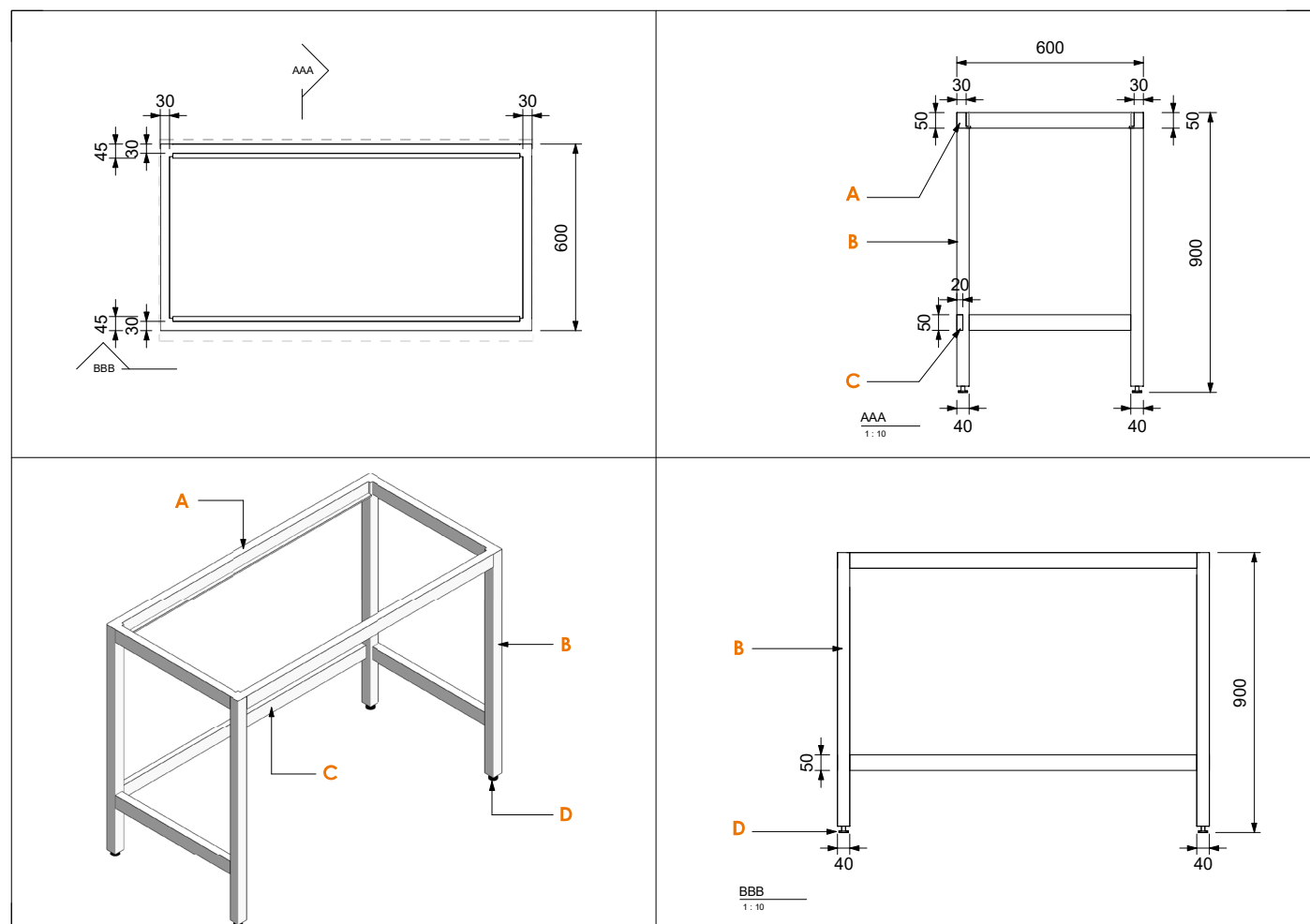
D Leveling shoes: The table frame is fitted with 4 adjustable leveling shoes for leveling the frame in case of imbalance on the floor.

A HUB profiler er udført i coatet aluminium og kan afkortes i bredderetningen for fremtidig tilpasning/ombygning af bordstellet til nye funktioner. HUB profilerne anvendes til ophæng af underskabe, der frit kan skydes fra side til side.

B Ben (elektrostatisk pulverlakeret)

C Understøtningsprofil 20x50mm

D Stillesko: Bordstellet er monteret med 4 stillesko for nivellering ved skævhed i gulvet.



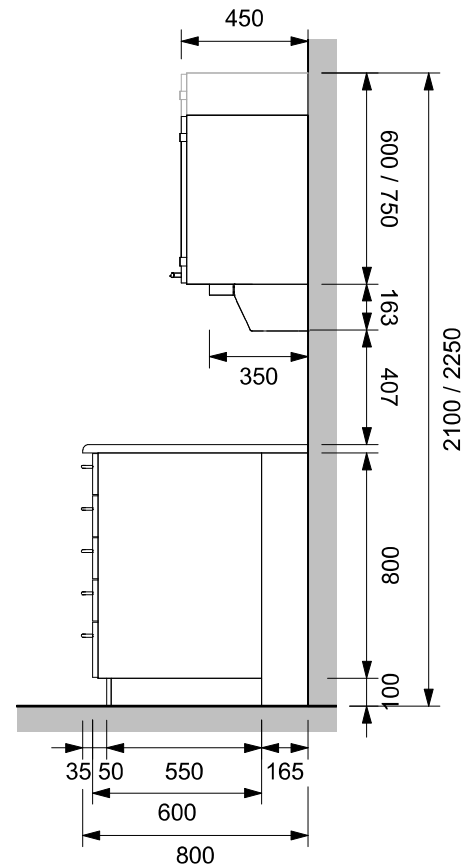
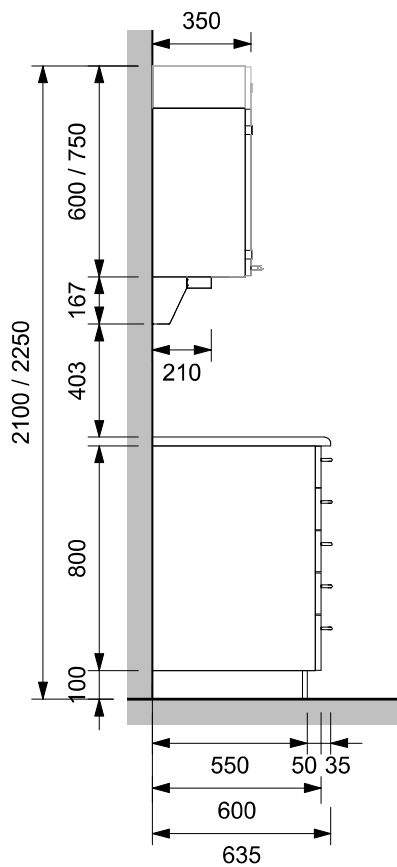
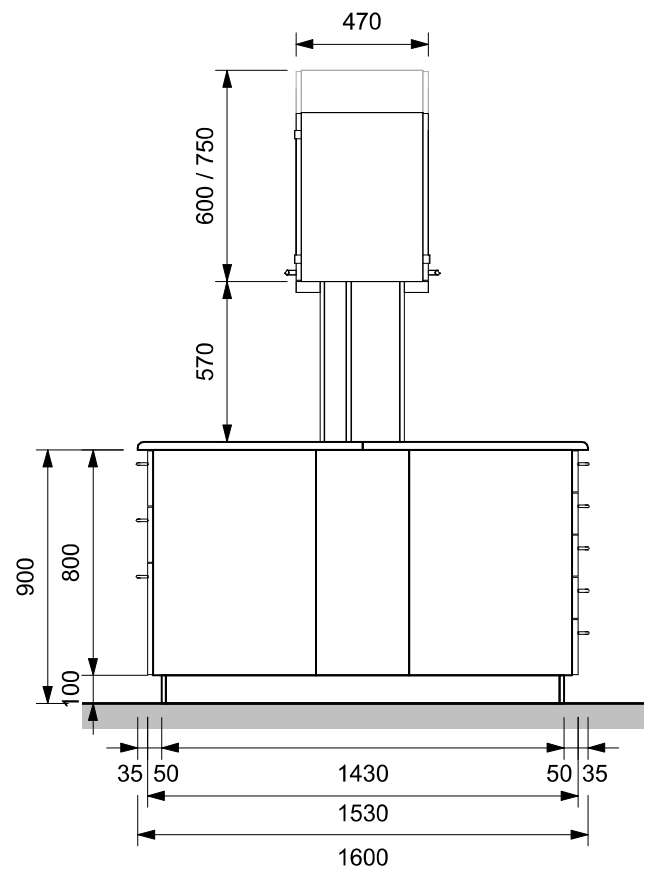
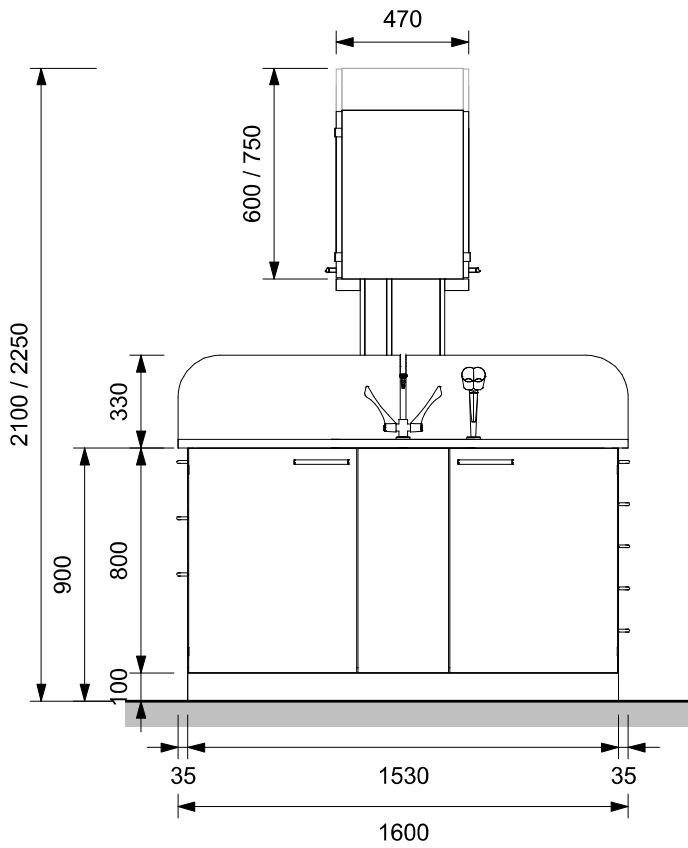


System Capacity

System Capacity

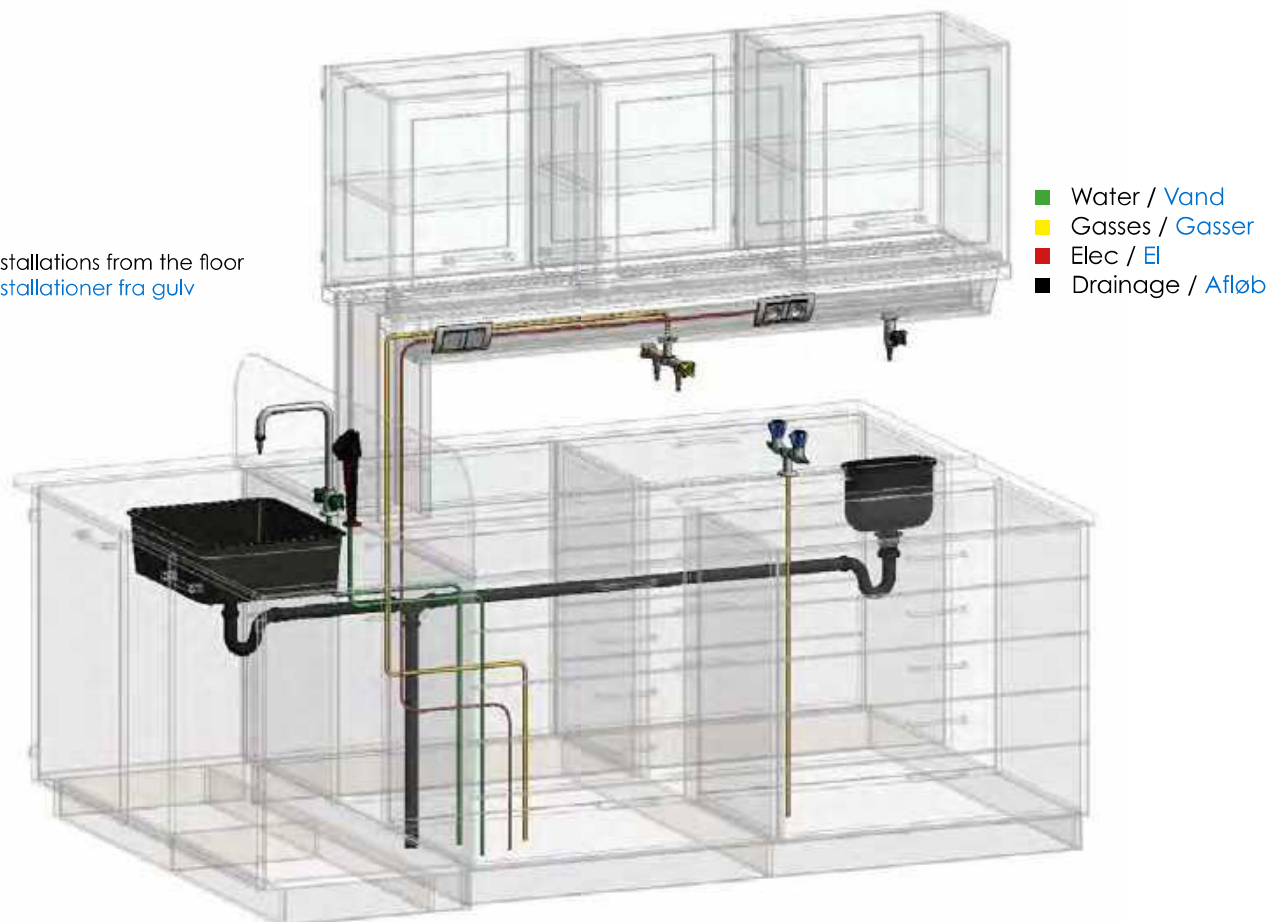


System Capacity Technical drawings / System Capacity tekniske tegninger



System Capacity - Installations / System Capacity - installationer

Installations from the floor
Installationer fra gulv



Installations from the ceiling
Installationer fra loft



Cabinets with Door - Specification

Skabe med låge - specifikation

A Cabinet carcass is made of 19 mm chipboard with 110 g of white melamine (DIN68765 standards), assembled with glue and dowels.

B Backplate made of 8 mm soft white melamine coated plate

C The sides are drilled for fitting dowels and for shelf supports with a distance of 32 mm

D Shelves made of 19 mm white melamine (DIN 68765 standards), with 1 mm ABS edge band on sides and 2 mm ABS edge band on the front and back edges. The shelves are movable every 32 mm

E Hinges made of nickel-plated die-cast zinc. . Can be opened 270 degrees and are certified according to ANSI class 1 and EN 15570. The hinge consists of 2 parts, a "cup" that is mounted in the front and fittings that are mounted on the cabinet carcass. The hinge can easily be assembled and separated into these 2 components

F Fronts panel is 21 mm thick, consisting of chipboard panels coated with a 0.8 mm high-pressure laminate sheet on both sides and fitted with a 2 mm ABS edge strip on all edges

G Handle
160-172x16x36 aluminium anodized
Length (mm): 172.
Width (mm): 16.
Height (mm): 36.
Material: aluminium.
Surface: anodized.
Characteristics: w / square foot.

A Skabskorp er fremstillet af 19 mm spånplade med belagt med 110 g hvid melamin (DIN68765 standard), samlet med lim og dybler

B Bagplade er udført i 8 mm hvid melaminbelagt plade.

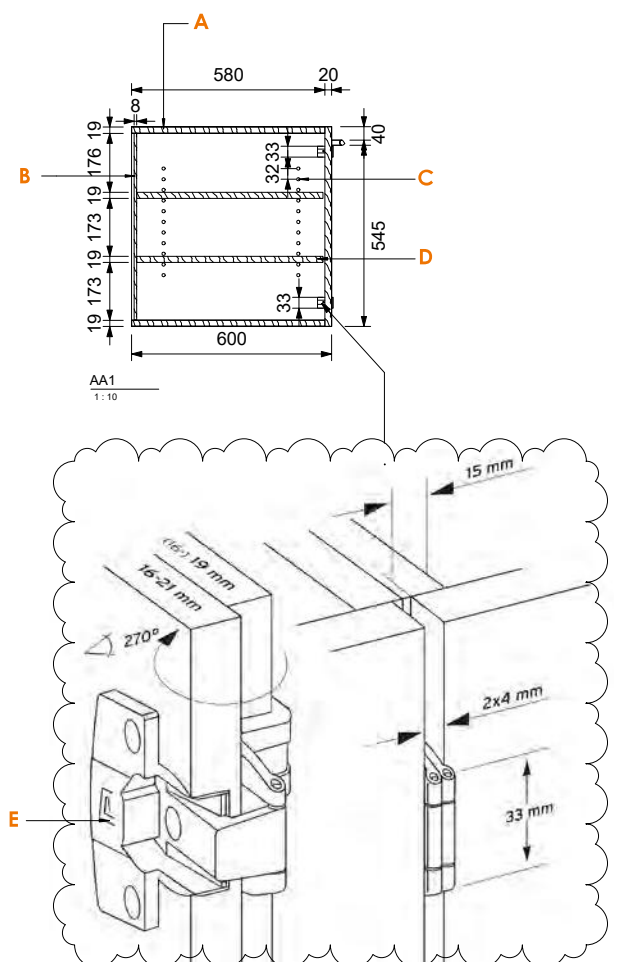
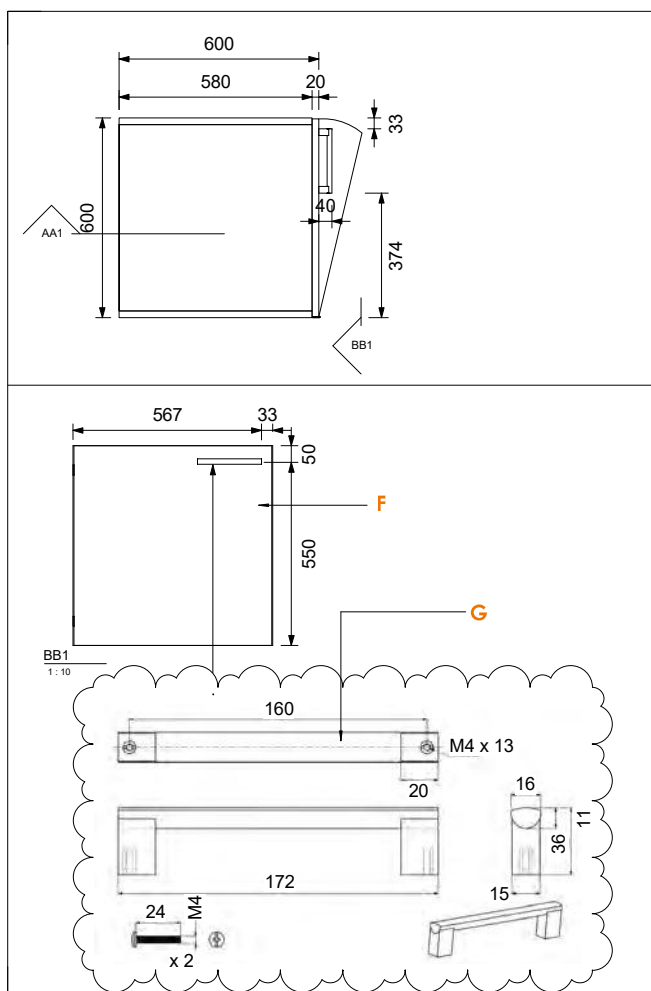
C Siderne bores til montering af dybler og til hyldébærere med en afstand på 32 mm

D Hylder er udført i 19 mm hvid melaminbelagt plade (DIN 68765), med 1 mm kantbånd på sider og bagkant samt 2 mm på forkant. Hylderne er flytbare for hver 32 mm.

E Hængsler er lavet af forstøbt forniklet zink. De kan åbnes 270 grader og er certificeret i henhold til ANSI klasse 1 og EN 15570. Hængsler består af 2 dele, en "kop" der monteres i fronten og beslag som monteres på skabskorp. Hængslet kan enkelt samles og adskilles i disse 2 komponenter.

F Fronter er 21 mm tykke og består af spånplader, der er belagt med 0,8 mm højtrykslaminatplade på begge sider. Alle kanter har 2 mm ABS kantliste.

G Greb
160-172x16x36 aluminium
Længde (mm): 172
Bredde (mm): 16
Højde (mm): 36
Materiale: aluminium
Overflade: anodiseret
Egenskaber: m / kvadratfod



Cabinet with Drawers - Specification

Skabe med skuffer - specifikation

A Cabinet carcass is made of 19 mm chipboard with 110 g of white melamine (DIN68765 standards), assembled with glue and dowels.

B Drawer with built-in synchronous steering of the drawer with soft close. Bottom made of 16 mm chipboard with 110 g white melamine coated plates (DIN 68765) and fitted with edge strips in 1 mm PP with rounded edges on all sides. Each drawer can be loaded with up to 40 kg in accordance with (EN15338).

C Backplate made of 8 mm white melamine coated plate.

D Drawer sides made of high-quality powder-coated aluminum, inner front panels of coated aluminum. The powder coating makes the surface resistant to scratches.

E Drawer backplate is made of 16 mm chipboard with 110 g white melamine

F Installation hook

G Handle
160-172x16x36 aluminum anodized
Length (mm): 172.
Width (mm): 16.
Height (mm): 36.
Material: aluminum.
Surface: anodized.
Characteristics: w / square foot.

H Drawer panel is 21 mm, consisting of chipboard panels coated with a 0.8 mm high-pressure laminate sheet on 2 sides and fitted with a 2 mm ABS edge strip on all sides.

A Skabskorp er fremstillet af 19 mm spånplade belagt med 110 g hvid melamin (DIN68765 standard), samlet med lim og dybeler.

B Skufferne har indbygget synkronstyring og skuffeløb med softluk. Bunden er udført i 16 mm plade med 110 g hvid melamin (DIN 68765) og er forsynet med kantlister i PP på alle kanter. Hver skuffe kan belastes med op til 40 kg i henhold til (EN15338).

C Bagplade er udført i 8 mm hvid melaminbelagt plade.

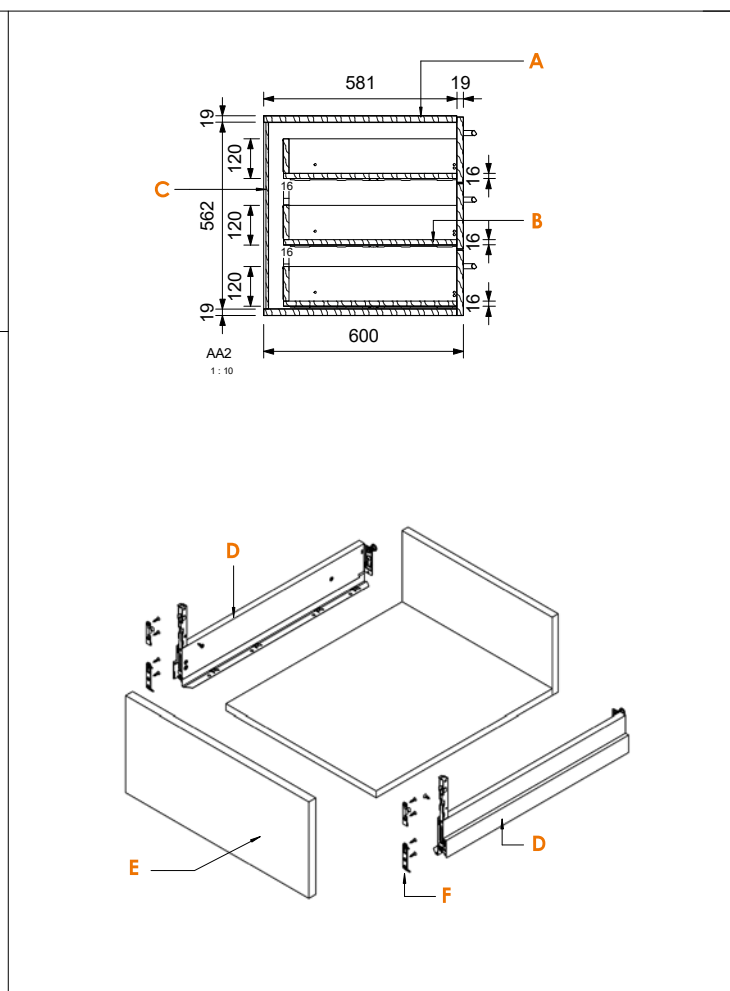
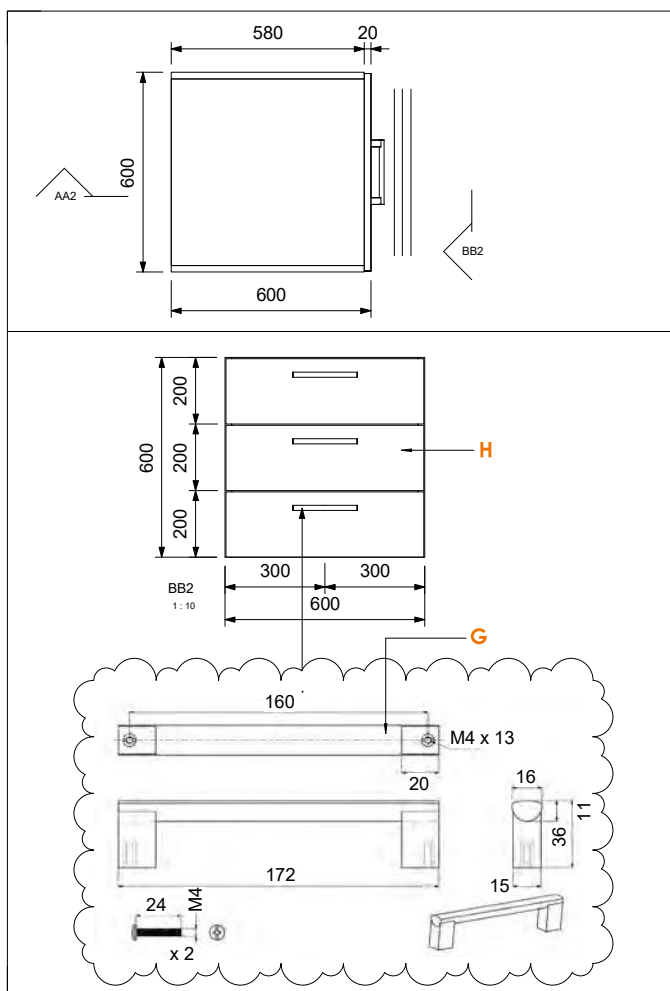
D Skuffesider lavet af pulverlakeret aluminium i høj kvalitet, indvendige frontpaneler af pulverlakeret aluminium. Pulverbelægningen gør overfladen resistent mod ridser.

E Skuffens bagplade er lavet af 16 mm spånplade med 110 g hvid melamin

F Installationskrog

G Greb
160-172x16x36 aluminiumanodiseret
Længde (mm): 172
Bredde (mm): 16
Højde (mm): 36
Materiale: aluminium
Overflade: anodiseret
Egenskaber: m / kvadratfod

H Skuffefront er 21 mm, bestående af spånplader, der er belagt med 0,8 mm højtrykslaminat på begge sider og kantet med 2 mm ABS kantliste på alle sider.



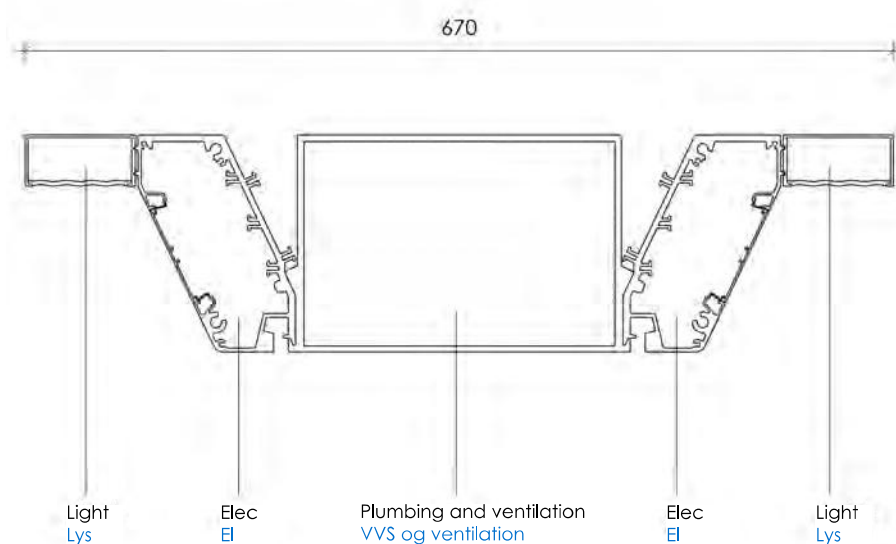
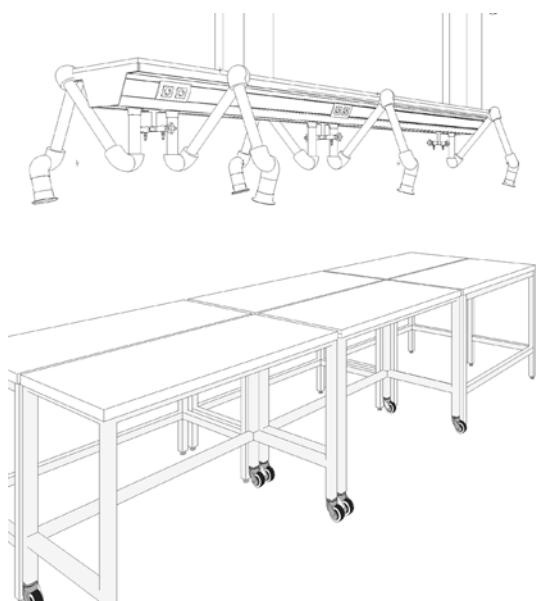


System KITE

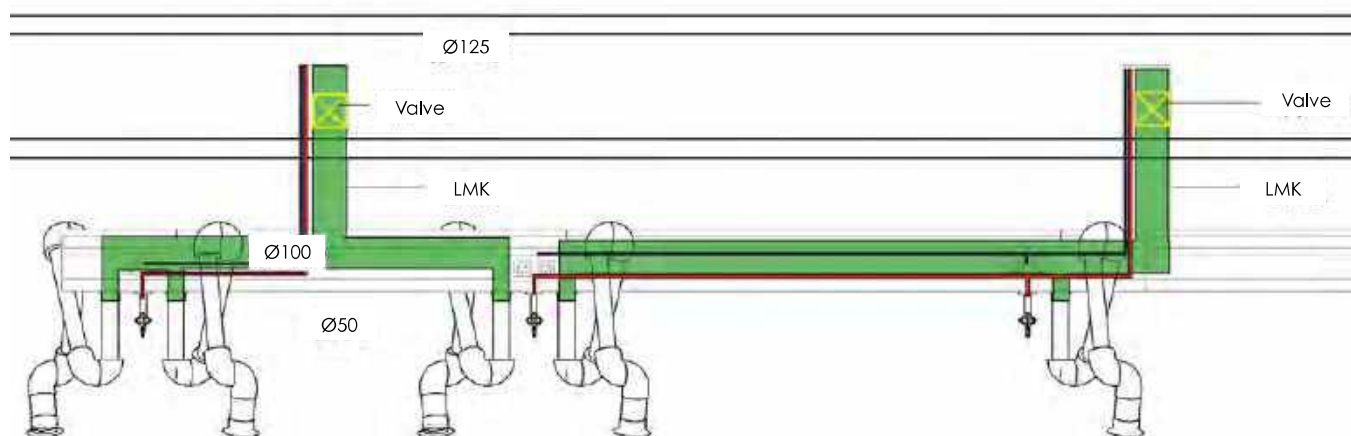
System KITE



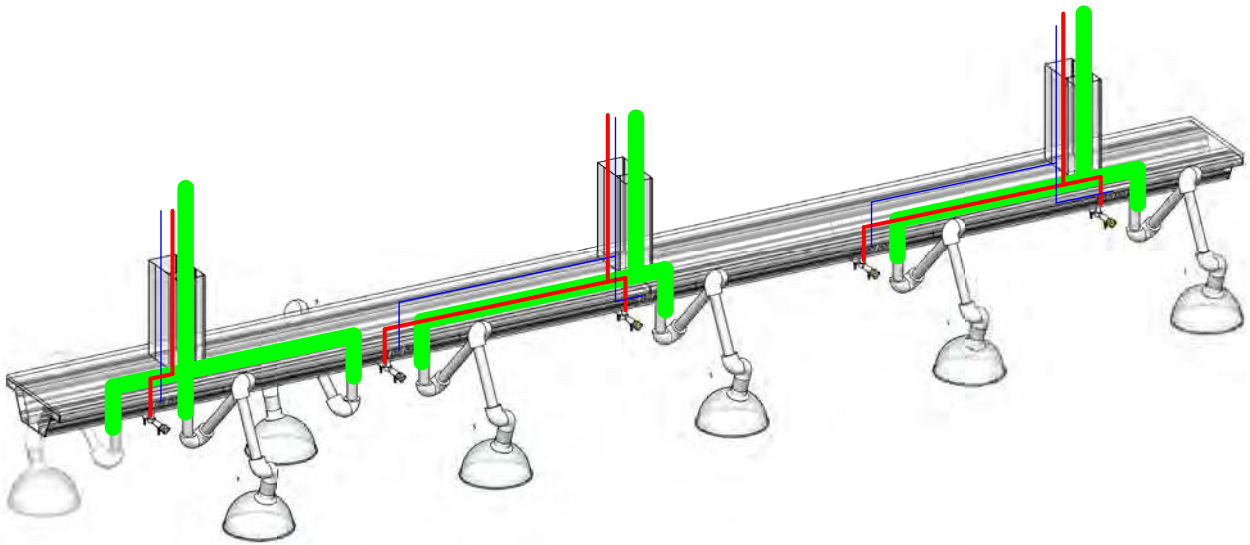
System KITE Technical drawings / System KITE tekniske tegninger



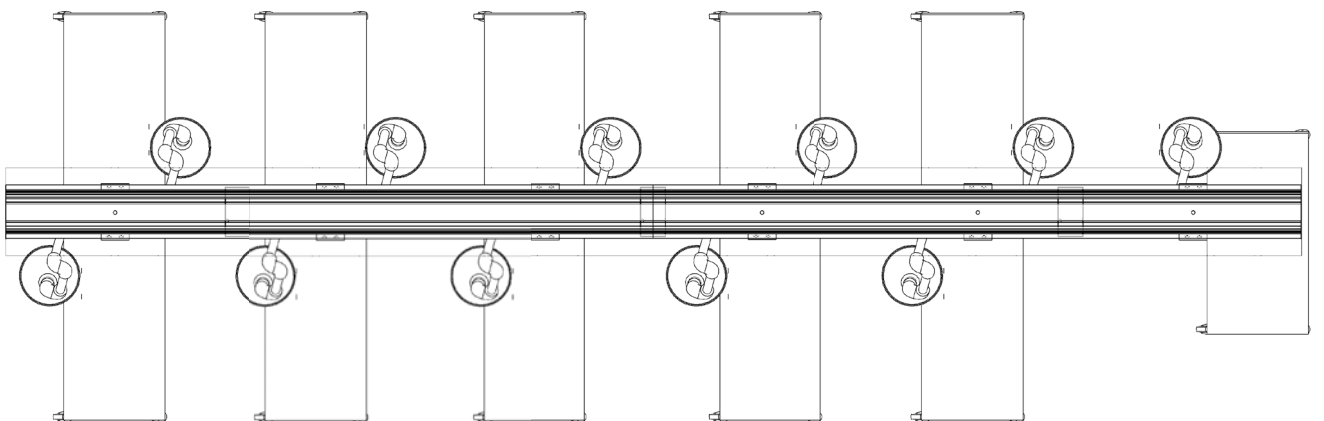
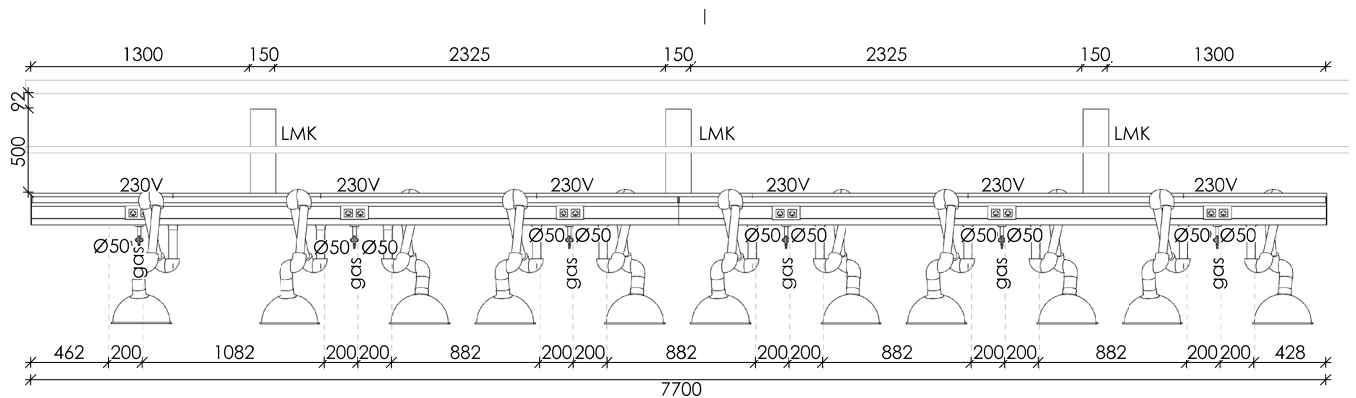
- Water - Gasses / Vand - Gasser
- Elec / El
- Ventilation / Ventilation



System KITE Installations / System KITE installationer



- Water - Gasses / Vand - gasser
- Elec / El
- Ventilation / Ventilation



Service Bridge

Servicebro



Service bridge - Specification

Service bridges are made of anodized aluminum in color white RAL 9016 or natural anodized. General sockets, EDB sockets, and telephone sockets, etc. are easy to mount in the electrical duct which is prepared for dividing rails, earthing, and various standard installations fittings for mounting with threaded screws. An independent duct is built inside the bridge for space for installations for water, gases, and other desired media.

Taps can be mounted vertically under service bridges or in the legs located at both ends.

Service bridges are offered with and without work lighting in different versions:

- ◆ 1 LED strip with xxx lux on the work surface
- ◆ 2 LED strips with xxx lux on the work surface
- ◆ 3 LED strips with xxx lux on the work surface

They are offered with 3000 or 4000 Kelvin and with colored mood/orientation light.

Light sources are protected behind a tightly opalized removable lid

Servicebro - specifikation

Servicebroer er udført i eloxeret aluminium i farve hvid RAL 9016 eller natureloxeret. Edb-stik, telefonstik og stikkontakter m.m. er lette at montere i el-kanalen som er forberedt for deleskinner, jording og diverse standard montagefittings til montering med gevindskærende skruer. Der er indbygget en selvstændig kanal indvendigt i broen med plads til installationer til vand, gasser og andre ønskede medier.

Armaturer kan monteres lodret under servicebroer eller i benene placeret i begge ender.

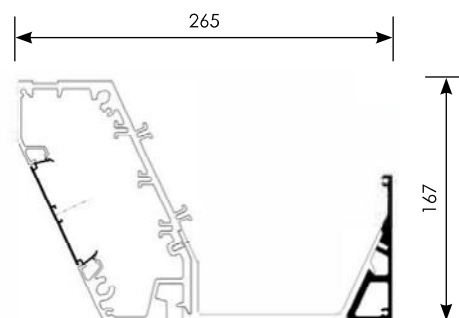
Servicebroer tilbydes med og uden arbejdsbelysning i forskellige udgaver:

- ◆ 1 LED bånd med xxx lux på arbejdsfladen
- ◆ 2 LED bånd med xxx lux på arbejdsfladen
- ◆ 3 LED bånd med xxx lux på arbejdsfladen

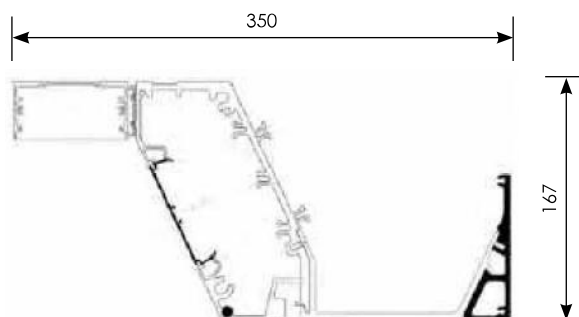
LED bånd tilbydes med 3000 eller 4000 Kelvin samt med farvet stemnings/orienteringslys.

Lyskilder er beskyttet bag et tæt, opaliseret og aftageligt låg

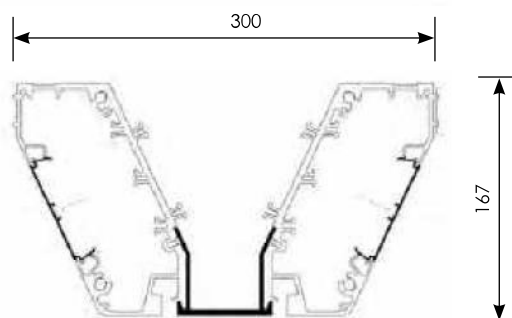
Wall model without light fixture
Vægmodel uden lyskanal



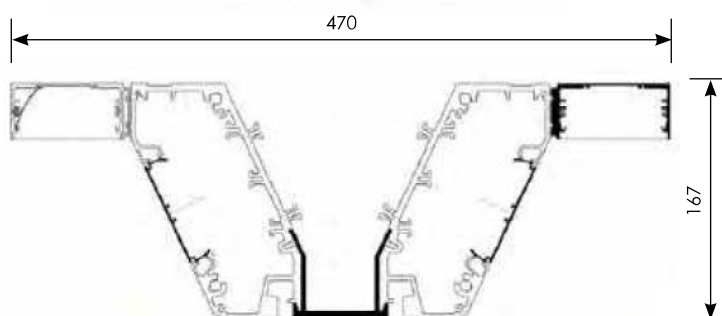
Wall model with light fixture
Vægmodel med lyskanal



Freestanding model without light fixture
Fritstående model uden lyskanal



Freestanding model with light fixture
Fritstående model med lyskanal

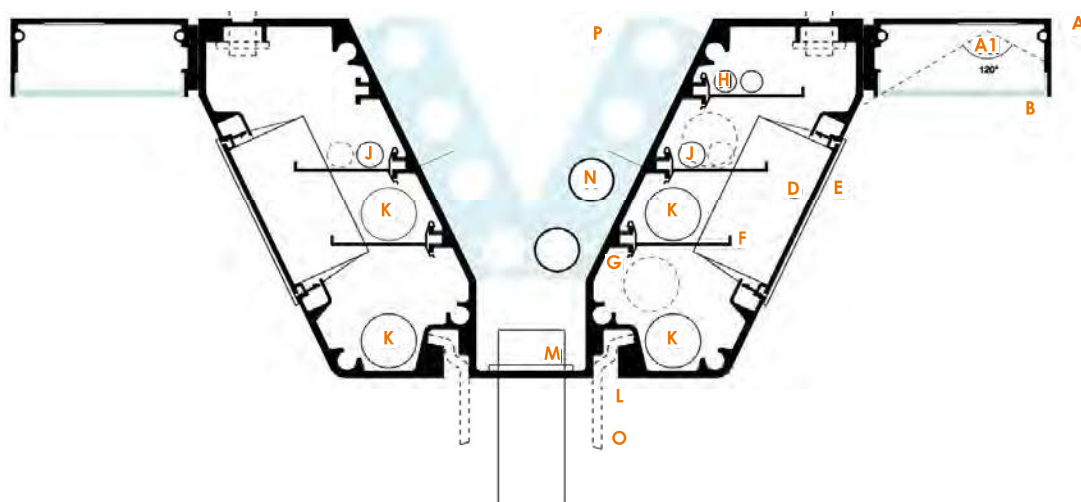


Service bridge - Technical drawing

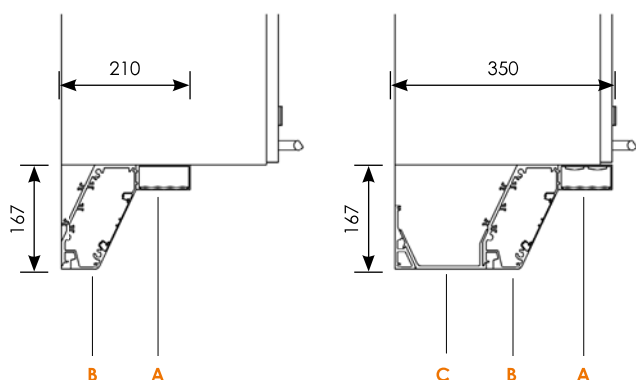
Servicebro - Tekniske tegninger

- A1 **Light** with 120 degrees spread
- B **Extruded opalized light shade**, dismantled without the use of tools
- C **Unistrut bearing profile** for possible suspension in the ceiling. (System with free-hanging service bridges)
- D **Electric cans**, as fab. LK type Clickline / European box/plug according to international standards.
- E **The front plate**, as fab. LK type Clickline
- F **Cable shelf**, as fab. Clipsal
- G **Mounting slot** for cable shelf with screw tracks for M4 bolt
- H **Low current cable**
- J **Power cable**
- K **PDS**, max 4 cables Ø25 pr. page
- L **Slots** for shelves, holders, PC screens, lamps, etc.
- M **Outlets** for plumbing and gas valves
- N **Plumbing** piping, water, and gases
- O **Gripping brackets** for shelves mm dotted
- P **Slots** for mounting of pipe holders and hose clips

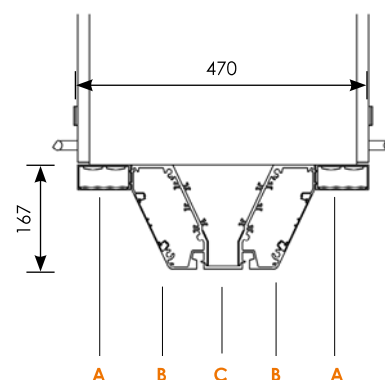
- A1 **Lys** med 120 grader spredning
- B **Ekstruderet opaliseret lysskærm**, der kan demonteres uden brug af værktøj
- C **Unistrut bæringsprofil** for mulig ophængning i loft. (System med frithængende servicebroer)
- D **El-dåse** som LK type Clickline/Europadåse/stik efter internationale standarder.
- E **Frontplade** som LK type Clickline
- F **Kabelhylde** som Clipsal
- G **Montagespor** for kabelhylde m. skruespor for M4 bolt
- H **Svagstrømskabel**
- J **Stærkstrømskabel**
- K **PDS**, max 4 kabler Ø25 pr. side
- L **Spor** til hylder, holdere, PC skærm, lamper mm.
- M **Udtag** for VVS og gasventiler
- N **VVS** rørføring, vand og gasser
- O **Gribebeslag** til hylder mm (stiplet)
- P **Spor** for montage af rørholdere og slangeklips



Wall Mounted / Vægmonteret



Freestanding / Fritstående



- A - Light / Lys
- B - Elec / El
- C - Plumbing and Ventilation
VVS og ventilation



LMK / Service chases

LMK / Lodret medie kanal



Service Chases - Specification

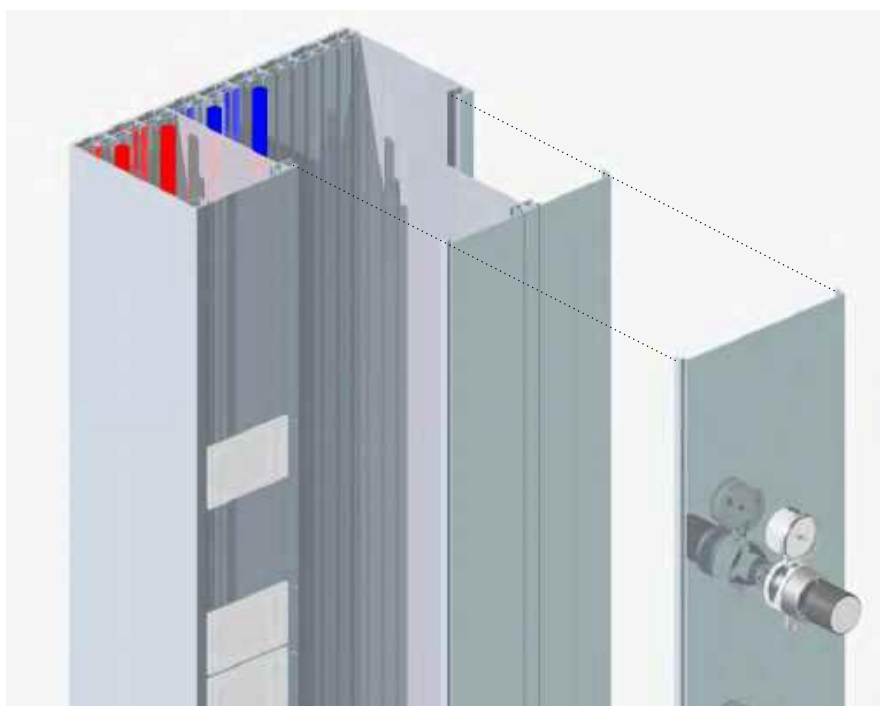
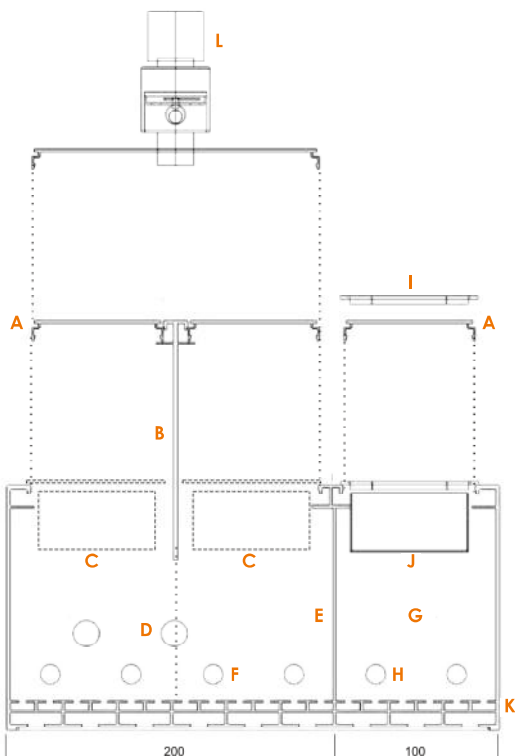
LMK - specifikation

By utilizing the combination possibilities between 1- and 2-modul ducts and the removable partitions, the LMK can easily and flexibly fulfill a wide variety of different needs for the supply of technical media such as water, gases, and electrical installations.

The removable cover plates provide easy access during assembly and servicing. Future modifications/changes are made easily. Extruded natural anodized aluminum profiles. Outer dimensions 150 x 300mm

Ved at udnytte kombinationsmulighederne mellem 1- og 2-moduls dækplader og en flytbar skillevæg, kan tekniktårnet på enkel og fleksibel vis opfylde en lang række forskellige funktionskrav og konfigurationer. Dækpladerne kan tages af og giver let tilgang ved montage og servicering. Fremtidige modifikationer/ændringer kan også let foretages. Materiale: ekstruderet, naturanodiseret aluminiumsprofil. Udvendige mål 150 x 300 mm

- | | | | |
|---|---|---|--------------------------|
| A | Detachable aluminum cover plate | A | Aftagelig Alu dækplade |
| B | Removable partition | B | Flytbar skillevæg |
| C | Electrical box dashed | C | Eldåse (stiplet) |
| D | Plumbing | D | VVS |
| E | Fixed partition | E | Fast skillevæg |
| F | Piping | F | Rørføring |
| G | EL | G | El |
| H | Cables | H | Kabler |
| I | Lid for electrical box | I | Låg til eldåse |
| J | Electrical box | J | Eldåse |
| K | Screw tracks for electricity and plumbing | K | Skruespor til el og vvs |
| L | Outlets for water & gasses | L | Udtag for vand og gasser |

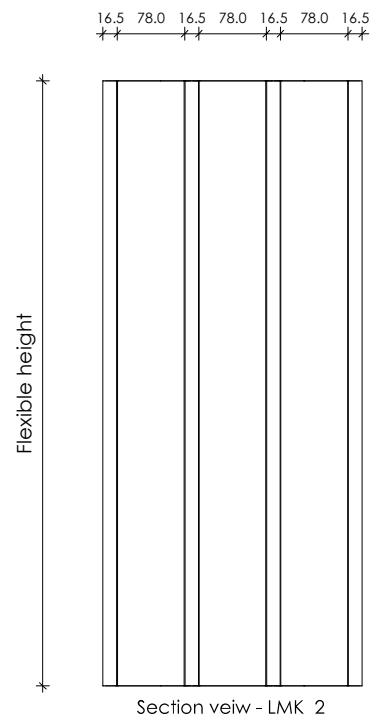
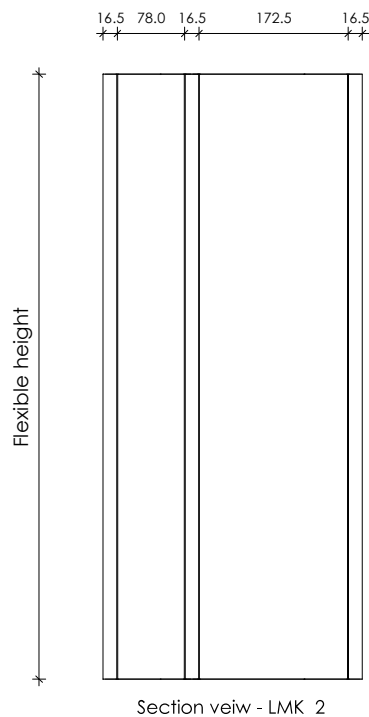
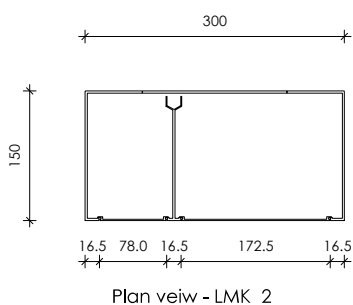
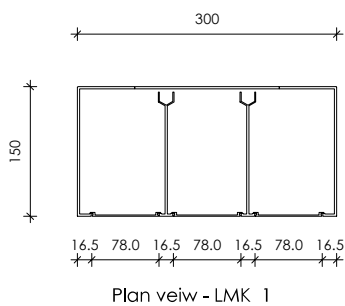
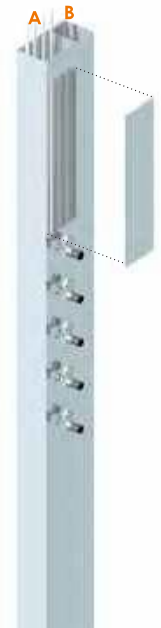


Example of disposition and design of technical tower according to engineering drawing principles for guideways in furniture LMK

Eksempel på disponering og udformning af tekniktårn ifølge ingeniørtegning principper for føringsveje i inventar LMK

- ☒ Pipe penetration at the ceiling
- ☒ Removable 700mm high panel
- ☒ Compressed air location - acc. engineering drawing
- ☒ Clean gas - iflg. engineering drawing
- Detachable panel for easy access for mounting
- A Plumbing
- B Elec

- ☒ Rørgennemføring ved loft
- ☒ Aftageligt 700mm højt panel
- ☒ Trykluft placering - iflg. ingeniørtegning
- ☒ Rengas - iflg. ingeniørtegning
- ☒ Aftageligt panel for let adgang for montage
- A VVS
- B El



Service Chases Placements / LMK-placeringer

Between the ceiling and floor

Can also stand alone to support equipment such as mobile tables and other mobile equipment.

Mellem loft og gulv

LMKer kan også stå alene for at understøtte udstyr såsom mobile borde og andet flytbart udstyr.



Between the ceiling and worktop.

Can also be mounted on the wall to support equipment such as mobile tables and other mobile equipment.

Mellem loftet og bordpladen

LMKer kan også monteres på væggen for at forsyne udstyr såsom mobile borde og andet flytbart udstyr.



Between the ceiling and service bridge.

Can also be mounted freely in the ceiling (remember special suspension) as a suspended column for media. Height according to customer request.

Mellem loftet og servicebroen

LMKer kan også monteres frit i loftet (husk speciel ophængning) som en ophængt søjle til medier. Den produceres i højde efter kundenanmodning.

**To the KITE system**

media channel for supplying free-hanging Assortments (remember special suspension)

Til KITE-systemet

mediekanal til forsyning af frithængende opstillinger (speciel ophængning)



Ceiling Mounted Trunking

Loftmonteret elkanal

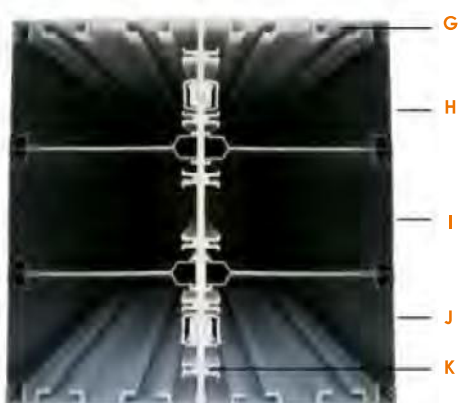
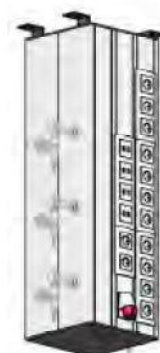
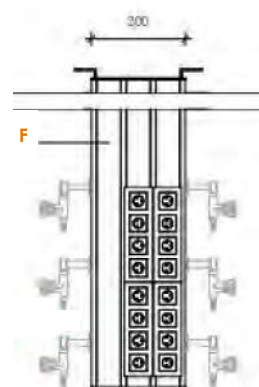
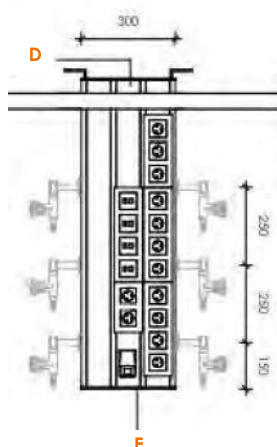
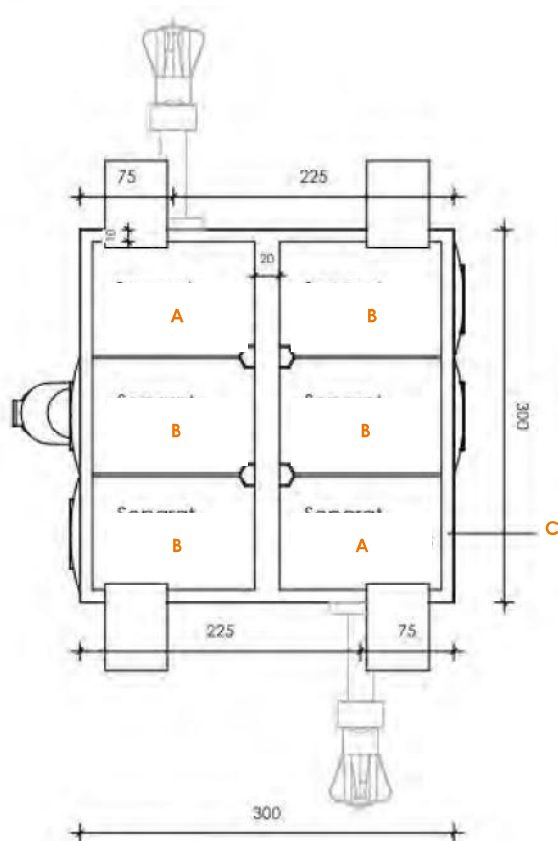


Ceiling Mounted Trunking - Specification

Loftmonteret elkanal - specifikation

- A Separate channel for gas
- B Separate channel for EL
- C Top lid
- D Fixed lid section 120mm from o.k
- E Full-coverage bottom lid
- F Removable lid in each partition for access to installations
- G Installation of plumbing pipe support, water and gases
- H Installation of sockets and plumbing outlets
- I Installation of electrical box, European box / plug
- J Removable lid in each partition for access to installations
- K For installation of cable pipes or plumbing pipe support

- A Separat føring for gas
- B Separat føring for el
- C Toplåg
- D Fast lågudsnit 120mm fra overkant
- E Heldækkende bundlåg
- F Aftageligt låg i hvert skillerum for tilgang til installationer
- G Montering af VVS rørbering, vand og gasser
- H Montering af kontakter og VVS udtag
- I Montering af el-dåse Europadåse/stik
- J Aftageligt låg i hvert skillerum for tilgang til installationer
- K For montering af kabelrør eller vvs-rørbering



Connection to the ceiling

LMK stops 10 mm from the suspended ceiling and a cover can be provided that can be exposed to the ceiling.

LMK can be carried through a suspended ceiling, and the ceiling technicians fix their rails on the LMK.

NOTE: The ducts must be divided as the upper part can not be opened when the ceiling rail is mounted.

Tilslutning til loft

LMK stopper 10 mm fra det nedhængte loft, og der kan leveres et passtykke, der slutter til loft.

LMK kan bæres af et nedhængt loft, og loftskinner kan fastgøres på LMKen.

BEMÆRK: Kanalerne skal opdeles, da den øverste del ikke kan åbnes, når loftsskinnen er monteret.

Trunking and Tower Power

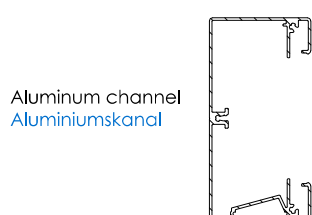
Elkanaler og eltårn



Trunking - Specification

The trunking can fulfill a wide range of different electrical needs. The removable cover plates provide easy access during assembly and servicing. Future modifications/changes can be made easily. It is made of extruded natural anodized aluminum profiles. Outer dimensions 123 x 62mm.

- A Aluminum channel
- B LED light panel
- C Removable front panel
- D End plate



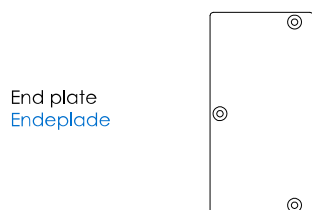
Aluminum channel
Aluminiumskanal



LED light panel
LED-lyspanel



Removable front panel
Aftageligt frontpanel

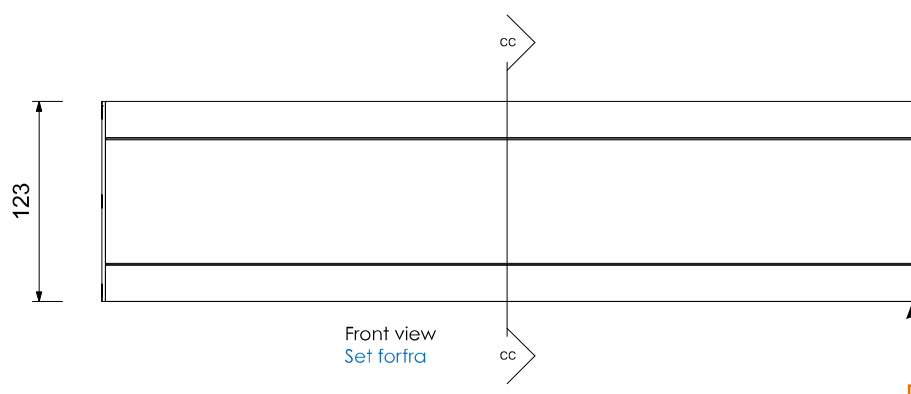


End plate
Endeplade

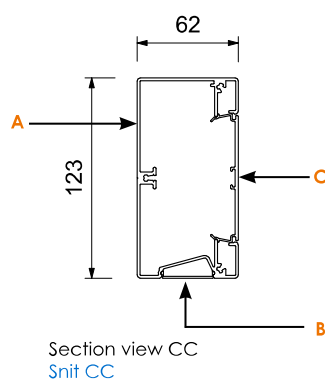
Elkanal - specifikation

Labmoduls elkanal kan opfylde en lang række forskellige elektriske funktionskrav. De aftagelige dæklader giver let tilgang ved montage og servicering. Fremtidige modifikationer/ændringer foretages let. Den er udført i ekstruderede aluprofiler, der er natureloxeret. Ydre mål 123 x 62 mm

- A Aluminiumskanal
- B LED-lyspanel
- C Aftageligt frontpanel
- D Endeplade



Front view
Set forfra



Section view CC
Snit CC

Tower power - Specification

Tower power (installation stands) are the perfect solution for leading cables down from ceilings or up from floors in an elegant way in a modern environment.

The Tower power can be used for several different solutions with various dimensions and geometrical properties depending on the nature and scale of the requirements. There are basically two stands, a Table/Floor stand, and a ceiling stand.

Ceiling and floor stands

The floor stand is secured on a table or floor and typically powered from the bottom of the stand. This is also available as a 1 or 2-track solution and with both front and rear sockets installation so that it is possible to power multiple workstations simultaneously.

The ceiling stand is powered by the installation in the ceiling, and among other things either permanent or mobile stands are available.

All stands are supplied as standard in either anodized or pure white (RAL 9010) aluminum

Eltårn - specifikation

Eltårn (installationsstandere) er den perfekte løsning, når kabler skal føres elegant ned fra loftet eller op fra gulvet i et moderne miljø.

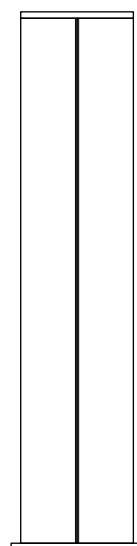
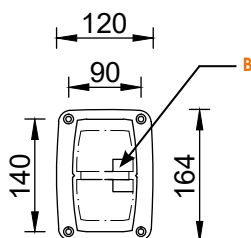
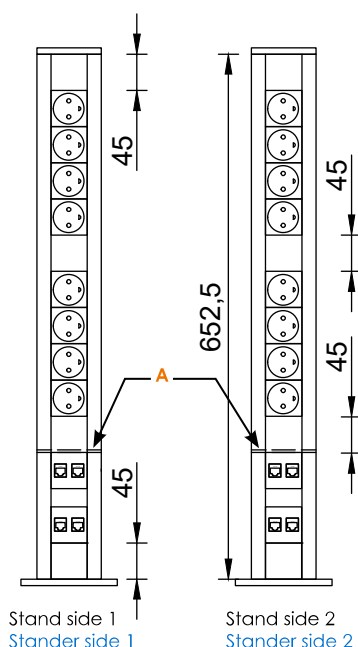
Det elektriske tårn kan bruges til flere forskellige løsninger med forskellige dimensioner og former, afhængigt af kravene. Der er grundlæggende to standere: en bord/gulvstander og en loftstander.

Loft- og gulvstander

Gulvstanderen udføres som en fastgjort installation på bord eller gulv, og forsynes typisk fra bunden af standeren. Herunder er der mulighed for at få denne løsning som 1- og 2-sporet løsning, samt med mulighed for installation på både for- og bagside således, at det er muligt at lave strømsik til flere arbejdspladser på én gang.

Loftstanderen forsynes fra installationen i loftet, og det er muligt at få denne løsning både som fastmonteret og som flytbar stander.

Alle standere leveres som standard i aluminium, enten eloxeret eller hvid (RAL 9010)



- A Separation plate
Skilleplade
- B Separate guide for power
Separat føring til strømforsyning





Balance table

Vejeborde



Balance table Specification

Vejeborde specifikation

Balance table with double frame:

Consisting of a double frame with a balance stone placed on cross braces. Between the balance stone and frame there are 3 pcs. vibration damping feet.

The balance stands consist of 2 fully welded frames made of tubular profile connected by horizontal spacers at the bottom between the 2 end panels.

Balance table on a column:

Consisting of a balancing stone placed on a column that is bolted in a stable surface on the floor. The balance column is constructed in a steel construction consisting of a foot for attachment on the floor and with supports for the balance stone. Between the balance stone and the column are 3 vibration feet.

The balance table structures consist of a fully welded steel frame which is electrostatic powder-coated in a thickness of at least 80 mm according to ISO standard No. 2802, and is resistant to all chemicals that are normally used in a laboratory.

In case of spillage beyond the balance stone edges, the stone can be lifted for drying the edges.

Vejeborde med dobbeltstel:

Bestående af dobbeltstel med en vejesten placeret på tværstivere. Mellem vejesten og stel er der pålagt 3 stk. vibrationsdæmpende fødder.

Vejestativerne består af 2 helsvejste stel udført i i rørprofil forbundet med vandrette afstandsstivere nederst imellem de 2 gavle.

Vejeborde bord på søjle:

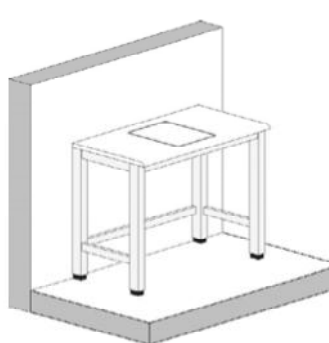
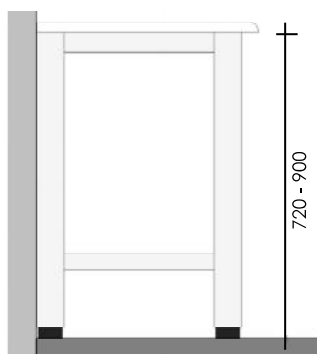
vejesten placeret på søjle der er boltet i stabilt underlag i gulv. Vajesøjlen er opbygget som en stålkonstruktion bestående af en fod til fastgørelse i gulv og vejesøjlen med understøtninger till vejestenen. Mellem vejesten og søjle er der pålagt 3 stk. vibrationsdæmpende fødder.

Stålkonstruktionen består af helsvejst stålramme som er elektrostatisk pulverlakeret i en tykkelse på minimum 80 mm efter ISO standard nr. 2802, og er modstandsdygtig over for alle kemikalier, der normalt anvendes i et laboratorium.

Ved spild ud over vejestens kanter kan stenen løftes af for aftørring af kanter.

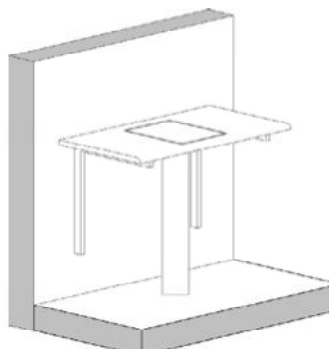
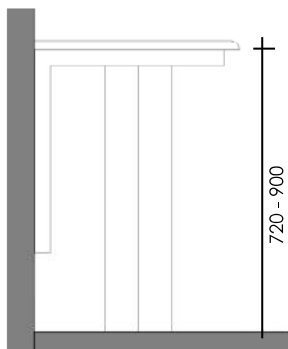
Balance table with double frame

Vejeborde med dobbeltstel



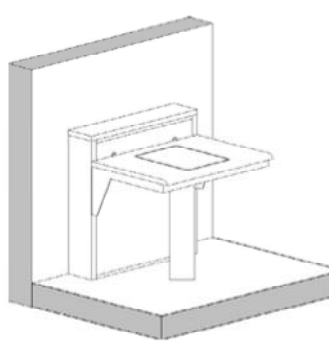
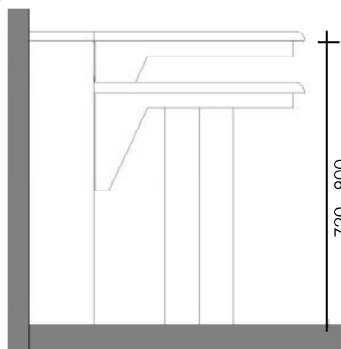
Balance table with column - Wall brackets

Vejeborde med søjle - vægbeslag



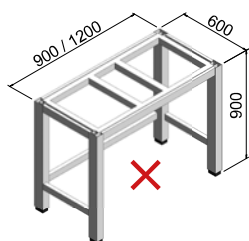
Weighing table with column - Panel module

Vejeborde med søjle - Panel modul



Balance table Frame Vegebordstel

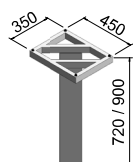
Balance table frame with double frame, incl. balance stone
Vegebord med dobbelt stel, inkl. vejesten



 ← Vejesten

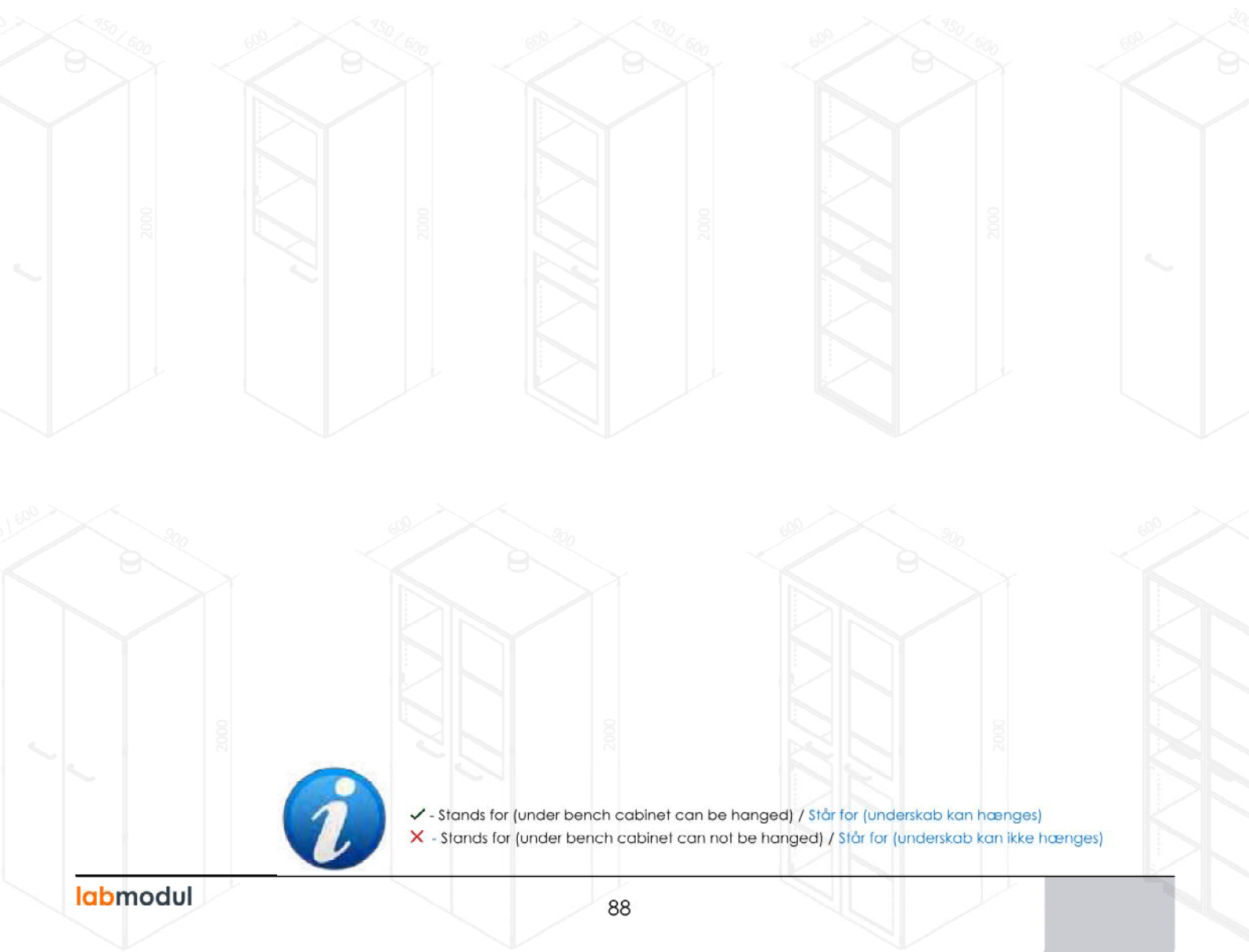
ITEM	Width	Depth	Height
VBF-900-600-720-7110X	900	600	720
VBF-1200-600-720-7110X	1200	600	720
VBF-1500-600-720-7110X	1500	600	720
VBF-900-600-900-7110X	900	600	900
VBF-1200-600-900-7110X	1200	600	900
VBF-1500-600-900-7110X	1500	600	900
X 71101	Weight stone left side		
X 71102	Weight stone in the middle		
X 71103	Weight stone right side		

Balance column, incl. balance stone
Vejesøjle, inkl. vejesten



 ← Balance stone
Vejesten

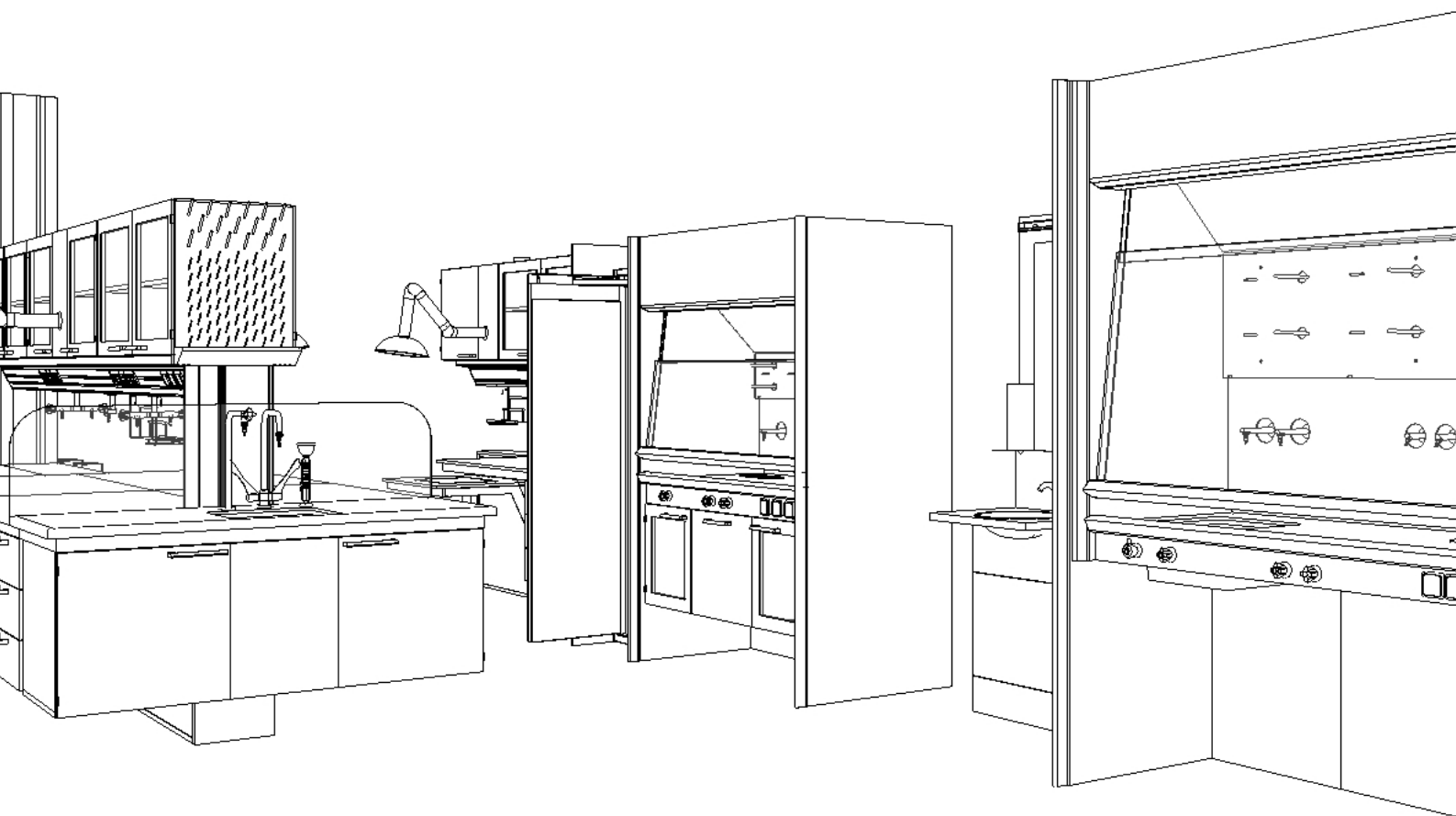
ITEM	Width	Depth	Height
VVF-350-450-720-71110	350	450	720
VVF-350-450-900-71110	350	450	900



- ✓ - Stands for (under bench cabinet can be hanged) / Står for (underskab kan hænges)
 X - Stands for (under bench cabinet can not be hanged) / Står for (underskab kan ikke hænges)







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