Installation instructions
Kitchen and bathroom
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Links to the websites of Aubo’s cooperation partners

Links:

Horn
www.hornbordplader.dk
Installation and maintenance of Horn countertops

Geisler
www.dfi-geisler.com
Installation and maintenance of Geisler countertops

Kuma
www.kuma.dk
Installation and maintenance of molded sinks from Kuma

Blum
http://www.blum.com/dk/da/02/50/index.php
Installation and adjustment instructions and videos for Blum Aventos fittings and Tandembox drawers

Kesseböhmer
www.kessebohmer.com
Roll-outs and pull-outs
Mounting heights for kitchen cabinets

Mounting heights for bathroom cabinets
Before you begin the installation:

Before you begin the installation, please make sure that:
the delivery is complete.
the goods you received are not damaged in any way.
you have received what you ordered.

the space where the cabinets will be mounted is ready with all the necessary installations.
the installations (water, sewage, electricity and exhaust) are correctly located as per the kitchen drawing.
the walls are of a type that allows the installation of suspended top cabinets. The supplied screws and plugs are designed for mounting on masonry walls. If the cabinets are to be suspended on plasterboard walls, for example, please acquire suitable screws and plugs.
the humidity is not too high (especially for new buildings).
the floor and walls are perpendicular and horizontal.
the corners are at a right angle (90°).
If the room does not have right angles and/or the floor and walls are not perpendicular and horizontal, you need to have a plan for solving this problem before starting the installation. Prepare for using spacer blocks, or to make adjustment to the units.

To mount a kitchen one must have the following tools as a minimum:
Measuring tape/Ruler and pencil
An angle measuring tool
Spirit level
Screw drill with various bits and drills
Miscellaneous hand screwdrivers
Saw. Preferably a power saw
Electric compass saw
Screw clamps
Hammer and pliers
Caulking gun

It is important to follow the installation instructions and to mount the kitchen with care. It is therefore recommended that installation is carried out carefully by a person who is experienced in kitchen mounting in order to achieve a good result.

Errors and malfunction caused by improper installation will not be accepted as warranty claims.

Good luck!
Mounting on plinth legs:

When mounting cabinets on plinth legs, it is recommended to mount a blind plinth on the wall to carry the rear end of the units.

Calculating plinth sizes:

In the example below, the measurement of the units from the corner to the left end is 3100 mm. The plinth should be 24 mm shorter (8 mm overhang and an end plinth of 16 mm = 3076 mm)

From the corner and to the right end, to the dishwasher, the units are 1500 mm long. The plinth shall be 2.5 mm shorter.

From the dishwasher and further to the right the units' length plus the necessary distance between the units is 1805 mm.

The plinth shall be 1805 mm minus 2.5 mm towards the dishwasher, and from the other end there must be 50 mm overhang and 16 mm front plinth = 1720.5 mm

If a countertop was ordered, the measurements of the units and the plinth must be calculated based on the countertop drawing.

Before mounting the units, please unmount all fronts, drawers and other internal parts.
Mounting on plinth legs:

The plinth legs shall be fitted into the pre-drilled holes. See the bottom of this page for instructions.

Start with the corner cabinet and adjust it so that it stands completely horizontally on both sides before you continue.

On the corner cabinet, install two additional plinth legs near the corner. There are no drilled holes for these two legs and they should be placed at the same distance from the front edge as the other plinth legs.

The adjacent unit should rest on the plinth leg mounted under the corner cabinet and units shall be screwed together. It is not necessary to place screws in the plinth leg and up into the unit.

If the corner cabinet is a MONDO-cabinet, it shall be mounted as per the instructions supplied with the MONDO-cabinet.

In order to accommodate an end plinth, the plinth leg on the last cabinet shall be mounted so far inside that it is not exactly below the side wall of the cabinet. This means that the end plinth must be adjusted so that it fits snugly between the cabinet side wall and the floor.

If the cabinet is placed right next to a wall, and an end plinth is not necessary, the plinth leg shall be aligned with the edge of the cabinet.
Mounting on plinth legs:

Mount the base cabinets on both sides, and make sure that each unit is completely leveled before you continue.
The units that must be placed with their backs to each other, must be provided with support plates at the bottom, or one piece of a 16 mm panel must be fitted on them, so that the units can be screwed together both at the top and at the bottom.
In the example below plinth legs are mounted to support the units that will stand with their back to each other.
Mounting on plinth legs:

When all the cabinets are in place, they should be screwed together and secured to the walls. Use screw clamps when assembling the units, so that they are precisely fitted in relation to each other. The top cabinets fitted with the upper edge at the same height as the tall cabinet. In this case, at 2144 mm above the plinth height.

Draw a line at the edge of the support beam or fit a support strip on the wall while the support plates are being mounted.

This type of base corner cabinet shall be offset by 180 mm from the corner for a LeMans pullout to work properly.

An UO cabinet shall be placed on the plinth legs on the supporting units.
Mounting on plinth legs:

When all units have been installed, the front and end plinths can be mounted. It is recommended to mount the end plinths towards the dishwasher. This provides the best results.

Fit a clip on the back of front and end plinths for each plinth leg. (See details on page 8) If the floor is uneven, the plinth should be cut accordingly. This is most easily done by chocking the plinth upwards and drawing a line using a small wooden block. The spacer block must be sufficiently thick for the line to cover the whole length of the plinth.

Continue on page 14
Mounting on plinth legs:

In the example below the plinth shall have the given dimensions. If a countertop has been ordered for the kitchen, the plinth dimensions and the unit placement shall be determined based on the countertop drawing.

![Diagram showing plinth dimensions]

The kitchen units' side wall must always be right on top of a plinth drawer wall or over a front or blind plinth. They should never rest on a plinth drawer unit's top side.

![Diagram showing integrated side wall for a plinth drawer unit]

An integrated side wall for a plinth drawer unit is 165 mm. (just as a front plinth)

A plinth drawer unit should never be placed under a refrigerator unit. This would prevent the air from circulating under the unit.

![Diagram showing plinth being chocked]

The plinth shall be chocked so that it is horizontal. If the floor is very uneven, the plinth must be cut accordingly. When the plinth is horizontal in all directions, a line shall be drawn on the chock with a pencil. The chock must be thick enough for the line to cover the entire plinth. The plinth is then sawed at the line.

More plinth dimensions on page 19
Mounting on fixed plinths:

The mounting of the units shall be done in the same order as when mounting on plinth legs (page 7 to 10).
Mounting the countertop:

The countertop shall be mounted according to the installation guidelines that are provided with the countertop. The manner of installation depends on the countertop material.

The connection to the water supply and sewage systems shall be performed by a licensed plumber.

The connection to the electricity network shall be performed by a licensed electrician.
Installation of light strips and deco strips:

Please use a support strip when cutting profile deco strips. The strip must be so thick that the contact surface on the deco strip is precisely horizontal. Then you will simply need to cut it as if the deco strip was a square strip. It is easiest to use an electric compass saw for the operation.

If very short pieces will be cut, it is better to screw the deco strip on the support strip while it is being cut. The holes can be used later for mounting the strip.

For most accurate measurements it is easiest to use the rear edge of light and deco strips. Therefore, please draw a line on the cabinets where the rear edge of the strip shall be attached. This way it will be easy to make the exact measurements for the strips.
Installation of top fillers:

As fillers between the units and the ceiling (roof), edge-glued end pieces of 323 and 577 mm with the panel holders can be provided. The front pieces can be cut from front plinths.
Reinstallation of interior parts and fronts:

The interior parts that were removed in order to mount the units need to be put back inside. If you have put together the units and need to install various interior parts that you have acquired yourself, simply follow the instructions that were provided with the respective parts. (Interior Parts = drawers, carousels, swivel brackets for mixers, ironing boards etc.)
Adjustments:
Finally, hinges and drawers shall be fine-adjusted so that they fit and function perfectly.

Turn the shown screw to adjust the door more to the front or closer to the unit

Turn the shown screw to adjust the door sideways

Loosen both screws that hold the mounting plate, move the door up or down, and retighten the screws. The screws of all back plates shall be loosened on the door that is to be adjusted.

For dismounting the front part of the drawer

Horizontal adjustment
Vertical adjustment

We recommend you to go to BLUM's website where you can see the installation and adjustment videos for Aventos fold hinges, Tandem drawers etc.

http://www.blum.com/dk/da/02/50/index.php
Installation and adjustment instructions and videos for Blum Aventos fittings and Tandembox drawers.
When a dishwasher will be the last "unit" in a row and a pilaster is to be placed at that end, please use an end pilaster M2.

As end pilaster M1, please use 1 end plinth that should be doweled to the cover.

As end pilaster M2, please use 2 end plinths that should be doweled with the covers and an 18 mm front plinth shall be mounted between the two end plinths.
Installation of pilasters

There are two ways of mounting pilasters. One for top cabinets and one for base cabinets. For tall cabinets you should use 2 base cabinet sets.

The set for top cabinets consists of:
- 2 spacer blocks of 34 * 50 * 307 mm
- 1 melamine coated particleboard of 16 * 50 * 307 mm
- 4 screws 5 * 45 mm
- 4 screws 5 * 60 mm
- 4 screws 3.5 * 30 mm

The set for base or tall cabinets consists of:
- 2 spacer blocks of 34 * 50 * 561 mm
- 4 screws 5 * 45 mm
- 4 screws 5 * 60 mm
- 4 screws 3.5 * 30 mm

1. Screw a spacer block on the first cabinet (screws 5*60), so that it is aligned with the upper edge and the rear edge of the cabinet.
2. The second spacer block is screwed on top of the particleboard (screws 5*45), and is then screwed onto the cabinet, so that the lower edge of the particleboard is aligned with the lower edge and the rear edge of the cabinet.
3. The pilaster comes fitted with a 50 mm wide melamine-coated fitting piece. It is placed against the ends of the spacer blocks and towards the cabinet and is screwed on (screws 3.5*30) through the side of the first cabinet. Make sure that it is aligned with the top and bottom edges of the cabinet. If necessary, hold it in place with clamps while screwing it on.

When there will be a pilaster against a dishwasher, or as the end of a row of cabinets, the spacer blocks shall be turned, so that the width is 34 mm and the height is 50 mm and is screwed onto the free side. (5*45 mm screws) and end pilasters shall be used.

1. Pilaster. Used between the units in a single row. This one is also to be used between UH 9090 D and subsequent units.
2. End pilaster. Used together with an integrated end wall, against a dishwasher, or as the ending of a row of cabinet.
3. Corner pilaster. Used to put a unit diagonally into the corner. A corner pilaster has the same dimensions as a standard fitting piece 4040*70.

Pilasters are available in the following lengths: 704, 896, 1248, 1952 and 2144 mm
Installation of bathroom cabinets

1. First, the counter height needs to be determined. The standard height is 85 cm and in the example below, where the counter height is 22 mm, this provides a distance from the floor to the bottom edge of the support beam of 700 mm.

2. Draw a line on the wall where the support beam shall be mounted. Drill holes in the support beam right at the end and mark on the wall through these holes where to drill for plugs. Screw the support beam to the wall with two screws.

3. The cabinet can now be hung on the support beam and you can drill through the angle bracket and the cabinet beam and into the wall with a thin drill bit (3-5 mm).

4. Lift the cabinet from the support beam and drill holes in the wall up to 6 mm and insert the supplied plugs in the holes. Note: The supplied wall plugs are designed for masonry walls.

5. Hang the cabinet on the support beam again. If several cabinets will be hanging side by side, they should be screwed to each other before they are screwed onto the wall.

6. Top cabinets and tall cabinets are secured by drilling a 6 mm hole through the rear section and the beam and into the wall. Put wall plugs and screws into the holes and place the cap.

Adjusting the hinges:

- Turn the shown screw to adjust the door more to the front or closer to the unit.
- Turn the screw to adjust door sideways.
- Loosen both screws that hold the mounting plate, move the door up or down and re-tighten the screws.
- The screws on all back plates of the door that is to be adjusted need to be loosened.
WARRANTY

What is covered by the warranty!
AUBO Production A/S offers a 10 year warranty on kitchens, bathrooms and wardrobes, including the functionality of hinges, drawers, various pull-outs and lifting elements. The warranty on gas springs for lifting elements and electrical appliances, including lighting equipment, is limited to 2 years from date of delivery. No warranty is offered for bulbs, batteries etc. The warranty covers solely damages that can be attributed to material or manufacturing defects, and also applies only to normal domestic use. AUBO reserves the right, in case of doubts regarding the warranty coverage, to examine the products/have the products examined before final approval of the warranty claim. When making a warranty claim, one shall provide a copy of the original payment receipt and a purchase invoice from the dealer.

0-2 years from date of delivery!
If there are documented product defects covered by the warranty, AUBO will send new items for repair. If a technician is considered necessary for the installation of replacement goods, AUBO will provide a trained technician to correct the error within a reasonable amount of time after the claim has been made.

2-10 years from date of delivery!
If there are product defects covered by the warranty, a new product will be sent to the customer. The customer shall take care of the installation. If the product in the meantime has been discontinued, an equivalent replacement product will be supplied instead.

The warranty does not cover:
Ordinary wear and tear, cuts, scratches, dents etc. as well as products which have been improperly stored, improperly installed, abused, altered in construction, or cleaned with detergents unsuitable for cleaning the plate-based furniture. The warranty does not cover consequential damages, eg. heat damage from installed household appliances, moisture damage of any type and cause.
For products that are not purchased and delivered by AUBO Production A/S, please refer to the AUBO sales dealer, since these items are not covered by warranty provided by AUBO Production A/S.

Right of claim as per the Danish Sales Act:
According to the Danish Sales Act, for up to 2 years from the delivery of purchased goods, the consumer has the right to make a claim to the dealer if an item breaks. If the product was faulty when it was delivered, the consumer has the right to have the item replaced with a new one or have the delivered goods repaired. (Based on the following source: Consumer Council).

Warranty:
Warranty is a service that complements the Danish Sales Act. Most often it constitutes a promise given by the warrantor, that the supplied goods shall last for at least as long as the warranty period. In case of warranty claims, the warrantor shall have the responsibility to prove that an error should not be covered by the warranty. This means that if the warrantor does not believe that the claimed fault should be covered by the warranty, the warrantor needs to prove that the cause is not an error in the product and provide a likely cause of the fault's occurrence! (Based on the following source: Consumer Council and forbrug.dk).

Valid for deliveries after January 2012. (For deliveries prior to this date the warranty period shall remain five years from the date of delivery.)

January 2012