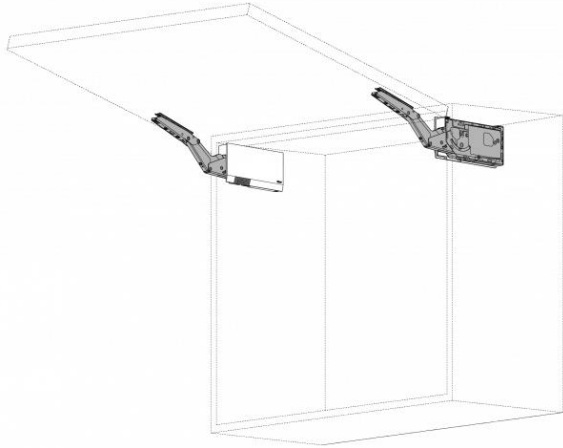




AVENTOS HK top



FAQ

Quick facts:

- Well-suited for low frontal heights in the wall cabinet or above the fridge
- Light operating forces
- Variable stop available (stops at any opening position)

- Country of origin: Austria
- Motion technologies: BLUMOTION, TIP-ON, SERVO-DRIVE
- Material / Finish: Steel / Zinc plated with cover caps in 3 different colors

- Cabinet width: up to 1800mm
- Cabinet height: from 205mm to 600mm

FAQ sections:

[Basic Product Information](#)

[Technical information](#)

[Trouble shooting](#)

What is AVENTOS HK top?

AVENTOS HK top is a lift-up system **for small top wall cabinets** and fitted units.

The AVENTOS HK top stay lift allows you to make optimal use of the storage space available, e.g., above refrigerators or larder units. The compact lift mechanism fits snugly into small cabinets.

What material is AVENTOS HK top made of?

The mechanism of AVENTOS HK top is made of **steel with Nickel plated coating**.

What colors is AVENTOS HK top available in?

The cover caps of AVENTOS HK top are available in **3 different colors**:-



Silk white



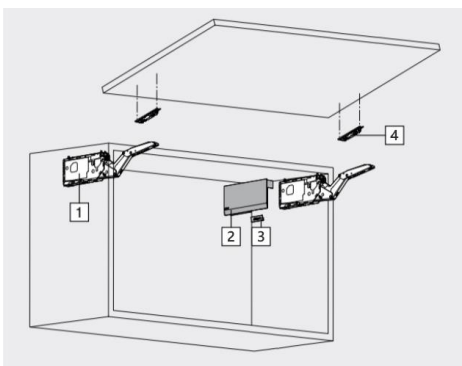
Light grey



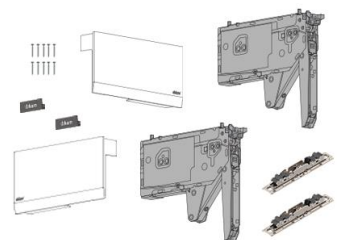
Deep grey

What are the parts included in an AVENTOS HK top set?

An AVENTOS HK top set comes with **2 lift mechanisms** (symmetrical), **2 cover caps** (L&R), **2 Blum logo caps** and **2 mounting plates**.



1. Lift mechanism
2. Cover cap
3. Blum cover cap
4. Front fixing bracket



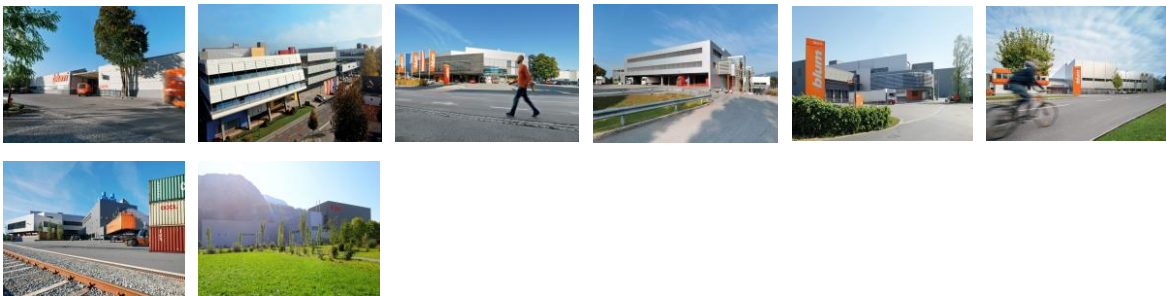


Basic product info

What is the **country of origin**?

AVENTOS HK top is made in 1 of our **8 factories in Austria**.

[Right-click here](#) to learn more about our factories in Austria.



What is the **warranty** for AVENTO HK top?

All Blum mechanical products come with a lifetime warranty.

Please [Right-click here](#) to download our warranty declaration or read our general T&Cs regarding our warranty at the end of this document.

How is AVENTOS HK top **tested**?

All AVENTOS lift systems are tested for **80,000 opening and closing cycles**.

[Right-click here](#) to learn more about Blum Quality and how we test our products.

Where can I find **more information about AVENTO HK top**?

1. You can [Right-click here](#) to open the AVENTOS HK top page on **blum.com**
2. You can also find many **application images** on **connect.blum.com**.
[Right-click here](#) to see how AVENTOS HK top can be applied to various places around your home.



Basic product info

What door panel materials can I use for AVENTOS HK top?

Wood material or **Aluminium frames** are compatible with AVENTOS HK top



Wooden fronts



Aluminium fronts

Can I use AVENTOS HK top for thin (narrow) aluminium frames as well?

Yes, but you need to purchase a **different front attachment**.

The standard attachment that comes in the set can only be used for wooden doors and wide aluminium frames.

Front fixing bracket set	
Version	Part no.
Wooden fronts and wide alu frames	20S4200
Narrow alu frames	20S4200A

Do I need to **add hinges** for AVENTOS HK top?

No! Hinges are **not necessary** for AVENTOS HK top.



Can I use AVENTOS HK top for **handle-less designs**?

Yes! There are 3 options for you to achieve this.

1. The **door can be designed to overlay the bottom of the cabinet**. This way you create a latch that can be used as a handle to open the door.
2. You can choose the **TIP-ON mechanism**. A light press on the door panel will push the door slightly open so that it can be further opened by hand.
3. You can also combine the **BLUMOTION** lift mechanism with the **SERVO-DRIVE** electrical motion support system.

What **motion technologies** does AVENTOS HK top offer?

AVENTOS HK top comes in soft closing (**BLUMOTION**), push to open (**TIP-ON**) versions as well as with the electrical motion support system **SERVO-DRIVE**.

- **BLUMOTION** is for **soft closing** solutions – normally when the door is fitted with a handle.
- **TIP-ON** and **SERVO-DRIVE** are for **handle-less** designs. The door opens with a light push against the door panel

BLUMOTION

by Blum

TIP-ON

by Blum

SERVO-DRIVE

by Blum

Can I **still open** my **SERVO-DRIVE** AVENTOS HK top if the **power is out**?

Yes! When the power goes out, **SERVO-DRIVE** for AVENTOS is not activated. However, you can continue to open and close manually without restrictions. Once the power has been restored, you can carry on using everything as per normal without having to make any additional adjustments.



Basic product info

Does AVENTOS HK top support **Variable Stop (Stop in any position)**

Yes. AVENTOS HK top supports **Variable stop**.

- As long as you have **selected the correct lift mechanism** and adjusted the power factor precisely to the weight of the front, AVENTOS HK top remains exactly where you want it to, so it is always within easy reach.



How do I **maintain** my **AVENTOS HK top**?

Blum products are generally maintenance-free.

However, during assembly and usage of Blum products, it is inevitable that stains or other kinds of contamination will appear on the product or its surfaces.

When cleaning, make sure to treat the protective areas and materials with care. Avoid applying abrasive chemicals as they will cause damage to the product.



For more information on cleaning and general maintenance instructions, please [Right-click here](#) to download our "**Cleaning and maintenance**" manual.

What is the **min/max door height** for AVENTOS HK top?

The **minimum door height** is 205mm.

The **maximum door height** is 600mm.

Exceeding the maximum door height of 600mm will cause the variable stops and soft-closing to malfunction.



What is the **max door width** for AVENTOS HK top?

The maximum door width is **up to 1800mm**

Can I design my cabinet **outside of the min/max specifications**?

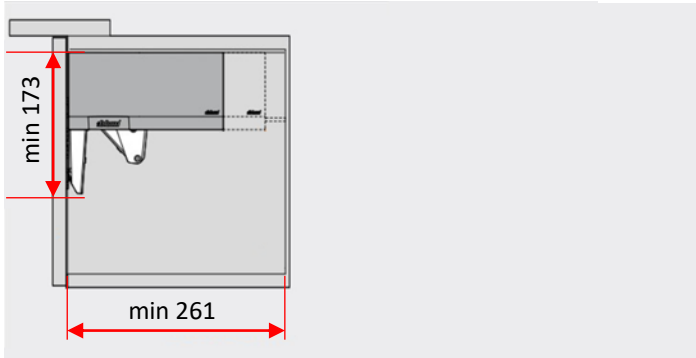
No! AVENTOS HK top will not be able to function properly if the cabinet dimension are exceeding the specifications stated by Blum.

Furthermore, **the warranty might be voided** as it is considered as “**not used for the product’s intended purpose**”

What are the **minimum internal carcass dimensions**

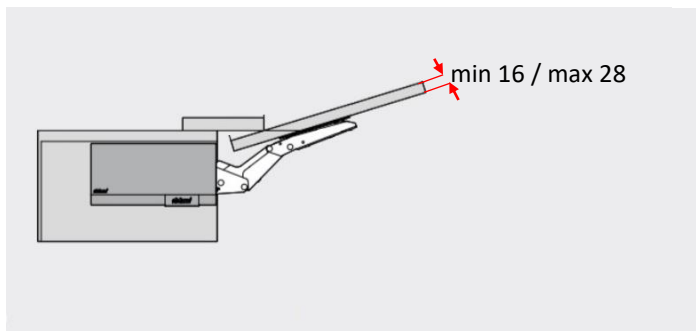
The **minimum internal carcass height is 173mm**

The **minimum internal carcass depth is 261mm**



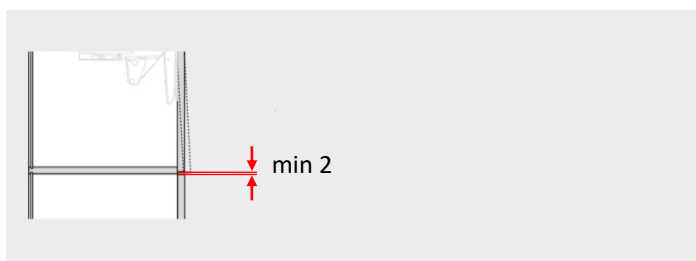
What is the **min/max door panel thickness**

The recommended door panel thickness ranges from **min 16mm to max 28mm**



What is the recommended **minimum bottom gap**?

The minimum bottom gap is **2mm**



You need to allow for a smallest of 2mm at the bottom of the door to avoid obstruction when opening.



What is a **Power Factor** and why do I need it

The **Power Factor** is a **formula** to determine what strength of mechanism is required for your cabinet design.

Cabinets come in many different heights and widths. Also, the door panels come in many different materials and thicknesses.

All the above have an influence on the strength of the mechanism needed for your cabinet door to be able to stop at any angle or opening position.

How do I calculate the **Power Factor**?

The **Power Factor** can be calculated with the following formula :-

$$\text{Door Height in mm} * (\text{Door Weight in kg} + \text{Double handle weight in kg})$$

How do I choose the correct AVENTOS HK top mechanism

Once you know your Power Factor you can select the correct one from our list below:-

BLUMOTION 3 mechanisms

	Power factor LF	Part no.
	930–2800	22K2500
	1730–5200	22K2700
	3200–9000	22K2900

TIP-ON 3 mechanisms

	Power factor LF	Part no.
	930–2800	22K2500 T
	1730–5200	22K2700 T
	3200–9000	22K2900 T

What happens if I choose the **wrong Power Factor** for my door?

The **Variable Stop function will not work.**

- If the **Power Factor is too strong**, the door will not stay when you let go and flip open all the way.
- If the **Power Factor is too weak**, the door will not stay in the position and will close again by itself.

When I choose to use a **TIP-ON solution** – what extra items do I need?

You need to purchase an extra set of short TIP-ON mechanism. The TIP-ON mechanism is not part of the AVENTOS HK top set.

The TIP-ON set is available in 3 different colors – **Silk white, Light grey and Deep grey**



Silk white



Light grey



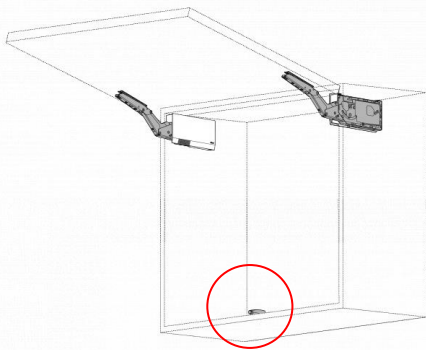
Deep grey

Please note: TIP-ON **short version** (shown above) is required for doors of up to 500mm height. For door heights of more than 500mm the TIP-ON **long version** is required.

How many **TIP-ON** mechanisms do I need **per door panel**?

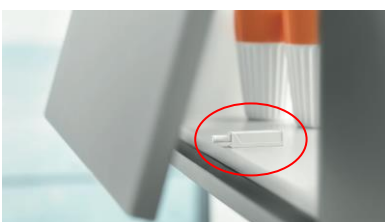
You only need 1 set, no matter how wide the door.

The best position to install the TIP-ON mechanism is in the center of the cabinet



What types of **TIP-ON** mechanisms are available?

There are 2 versions: **Drill-on** (surface adapter) and **Drill-in** (concealed)



Drill-on

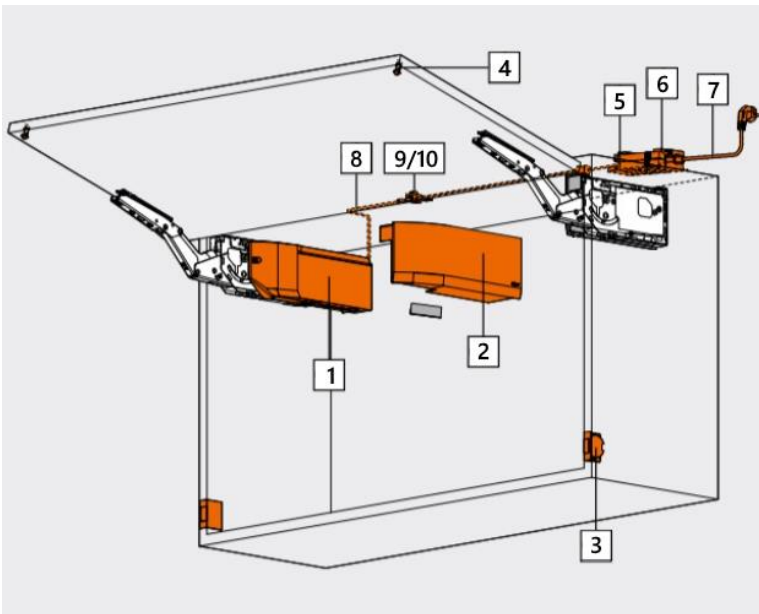


Drill-in

When I choose to use **SERVO-DRIVE** – what extra items do I need?

You need to purchase the following items marked in orange in addition to the AVENTOS HK top BLUMOTION mechanism.

Please note: The lift mechanism set is the same regardless of whether AVENTOS HK top is installed with SERVO-DRIVE or BLUMOTION only.



1. Drive unit
2. SERVO-DRIVE cover cap
3. SERVO-DRIVE switch
4. Distance bumpers
5. Transformer unit housing
6. SERVO-DRIVE transformer
7. Power cord
8. Distribution cable
9. Connection node
10. Cable end protector

How many drive units do I need?

You only need **1 drive unit per cabinet**.

The drive unit is always mounted **on top of the left AVENTOS** mechanism,

How many SERVO-DRIVE switches do I need?

You need **2 switches per cabinet**. One on the **left side** and one on the **right side**.

Do I need a SERVO-DRIVE transformer for every cabinet?

No! One Blum SERVO-DRIVE transformer can be shared across up to 16 AVENTOS drive units.

How can I identify if my mechanism is a **BLUMOTION** or an **TIP-ON** set?

You can identify the motion technology of the mechanism from its label.



The **BLUMOTION** mechanism label has no additional markings.



The **TIP-ON** mechanism label indicates a "T"

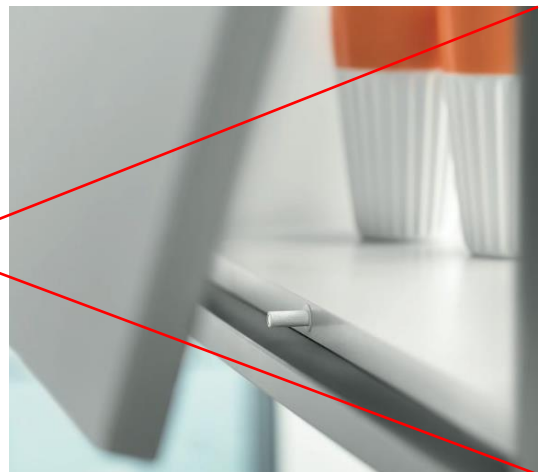
Can I use a **BLUMOTION** mechanism with a **TIP-ON** set?

No! This does not work.

The BLUMOTION soft closing mechanism will work against the push to open TIP-ON set. These 2 motion technologies cannot be used in conjunction with each other.



BLUMOTION mechanism

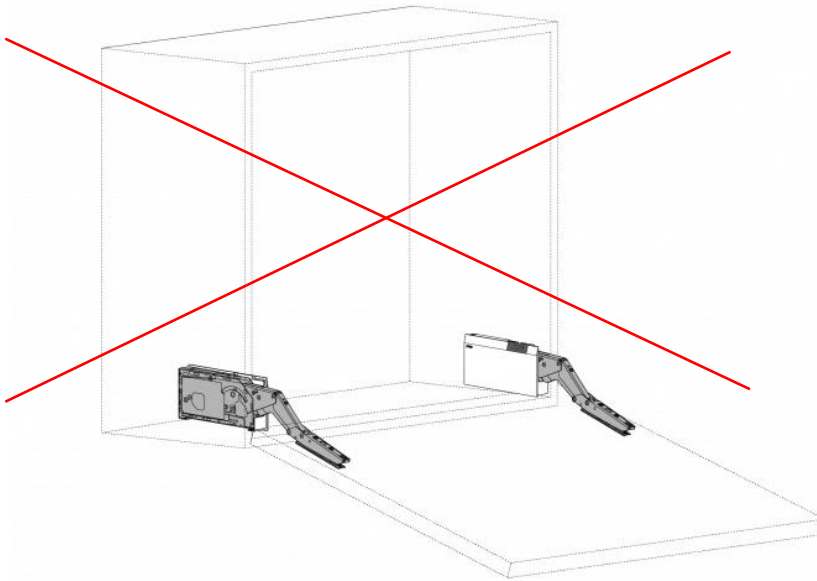


TIP-ON set

Can I use the AVENTOS HK top for **Flip-Down applications**?

No! AVENTOS HK top is not designed for this. It can only be used as a lift-up solution.

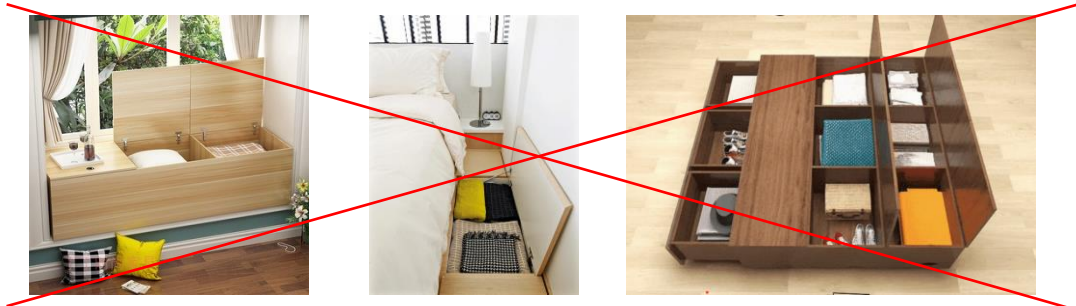
Using it in a flip-down application **will void the warranty!**



How about Platform beds, Dressing tables and Settees?

No! AVENTOS HK top is **only designed for lift-up solutions** in wall cabinets.

It will not work for the above-mentioned applications as gravitational forces will not allow the mechanism to stop at any angle.



What can be done to **prevent AVENTOS HK top to hit objects above it?**

In the case that the door panel hits the ceiling or other objects above it when fully opened, you can adjust the opening angle via the integrated **angle stopper**.

NOTE: You need a **TORX 20 screwdriver** to adjust the angle!



My **TIP-ON** keeps opening and **does not stay closed**. Why?

Please check if the **catch plate** has been installed **on the door panel**.

The catch plate is **magnetic** and will prevent the door from opening again once closed.



Even if I **press very hard**, my **TIP-ON** door is very **difficult to open**.

Each TIP-ON mechanism has a **depth-adjustment**.

Please **adjust it to provide a bigger gap** between the door panel and the carcass.



Why does my Lift System **rise or fall** when I let go of the door?

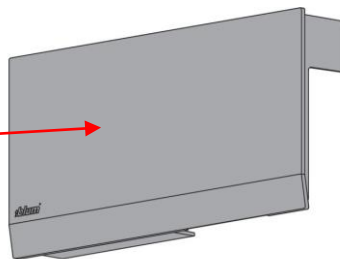
There may be two possible reasons for the door panel not to stop at the desired opening position.

1. The mechanism is **not suitable for the door height and weight – Wrong Power factor chosen!**
2. The **Power Factor has not been adjusted properly** this can be corrected easily by adjusting the screw inside the AVENTOS HK top arm.



Why does the **cover cap**, covering the mechanism, **fall off** all the time?

The “cover cap clip” might have been damaged during the installation. This happens due to mishandling of the product by forcing it to clip on and/or pulling it off with force to remove it.



Can I **exchange the product after Installation?**

No. Once the product was installed, it is no longer eligible to be returned, exchanged or refunded.



Trouble shooting

Under what circumstances will the **warranty not be given?**

Blum warranty does not cover hardware which has been incorrectly installed and/or used in any manner contrary to its intended purpose. The warranty will also not be given if the door dimensions are not according to AVENTOS HK top' specifications and/or the door weight does not match to the correct mechanism.

Please take note that the warranty is for part replacement only. It does not include removal and/or installation of new hardware.

As long as your AVENTOS HK top is **installed according to the Blum installation instructions** your **warranty is intact**.

- Please make sure that **all dimensions** mentioned in the Technical Section of this FAQ are **strictly observed**.
- To download the AVENTOS HK top **Installation manual** please [Right-click here](#), then go to the "*Downloads*" section and look for the Installation information.