



Small lift system packed with functionality

An eye for detail and the big picture – that's what you need if you want to develop a lift system that's not only compact in design but also impressive in functionality. And that's what you've got with AVENTOS HK top: the perfect solution for furniture where every detail counts.





- Sleek design
- Integrated functionality
- 8 Well-thought-out assembly
- Optimised installation 10
- Motion technologies 12
- SERVO-DRIVE 14
- 16 AVENTOS HK top throughout the home
- DYNAMIC SPACE 20
- 22 Lift system range
- AVENTOS fittings at a glance 24
- 26 Ordering and planning information
- 38 About Blum

Sleek design

AVENTOS HK top blends discreetly into tall units and wall cabinets, putting the focus even more firmly on the design of furniture. AVENTOS HK top has already won several design awards for its small installation size and minimalist design.

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Small installation size

The size of AVENTOS HK top makes it ideal for small cabinets. But this compact yet powerful fitting is even suitable for large wall cabinets.

Minimalist cover cap

Linear design, harmonious proportions, smooth finish — the cover cap impresses with its minimalist look. With unique customer branding if desired.

Choice of three colours

Light grey, silk white or dark grey. Select the right colour cover cap to blend stylishly with your furniture, or why not introduce accents?





red<mark>dot</mark> design award winner 2018







www.blum.com/award

Integrated functionality

Every AVENTOS HK top component has been optimised in detail to pack top functionality into a small space. You can even feel the advanced technology at work: lift systems glide open with ease and close softly and effortlessly.

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Variable stop

Adjust the lift mechanism precisely to the weight of the front and the stay lift remains exactly where you want it to, so it is always within easy reach.



Well-thought-out assembly

AVENTOS HK top has been designed to make assembly and installation precise and simple. You can choose between two different lift mechanisms – and consequently, two types of installation. Thanks to the new fixing position, drilling is the same for all applications and cabinet heights.

Further information about assembly.



www.blum.com/ hktopassembly

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Easy front attachment

The marking template makes it quick and easy to correctly position the front fixing brackets. Attach template, set front overlay, position front, mark position. That's it.



Integrated safety mechanism

The innovative safety mechanism stops the lever arm from opening unintentionally, making installation nice and safe.



Adjustment using TORX screws

AVENTOS HK top is based on TORX technology. This provides optimum support for precise and easy adjustment.



Infinitely variable opening angle

AVENTOS HK top comes with an integrated opening angle stop. The opening angle is infinitely variable and can be set exactly as required.





Make your wall cabinets easy to use

Enhance the functionality of AVENTOS HK top by combining the lift system with a motion technology. A motion support system makes it even easier for your customers to open and close tall units and wall cabinets – with or without handles.

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by Blum

TIP-ON

by Blum

Soft close

BLUMOTION ensures that fronts close softly and effortlessly – regardless of weight and how hard they are pushed shut.

Mechanical opening

Cabinets open at a single touch, giving you easy access to the opening edge of fronts. To close, simply press shut.



SERVO-DRIVE for supreme user convenience

AVENTOS HK top can also be combined with the SERVO-DRIVE electrical motion support system. Fronts open at a single touch and close at the press of a switch. What is more, the lift system still impresses with its small installation size despite the addition of a drive. Functionality at its best!

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Easy drive unit fixing

After installing the lift system, attach the drive unit to the lift mechanism. It is simply clipped on without tools.



Assisted start-up

Colour signals on the drive unit and wireless switch take you through start-up step by step and confirm that settings are correct.





All kinds of installation situations

Small in size, AVENTOS HK top fits snugly into every cabinet, e.g. above refrigerators.



Thin fronts of 8 mm or more

The new EXPANDO T fixing system makes it easy to combine AVENTOS HK top with thin fronts. The fixing system can be used for wall cabinets, doors and pull-outs.



Fronts with wide and narrow alu frames

You can implement a wide array of fronts with AVENTOS HK top. No matter whether wooden fronts or fronts with aluminium frames – the choice is yours,





Diverse applications throughout the home The more bespoke your furniture, the greater the impact. AVENTOS HK top gives you many possibilities to put the focus on customised solutions. **Ablum** Door thicknesses up to 30 mm Thanks to AVENTOS HK top, you can even implement thick wooden fronts. And they will open with ultimate ease no matter how heavy they are. Add punch to cabinet interiors You have a choice of different colour cover caps, so you can either allow the small lift system to blend harmoniously with interiors or accentuate it and add punch to the colour scheme.



Freedom of movement

Fronts open up and out of the user's way. What is more, they hold in any position so they can even stay open during cooking. This means you have easy access to contents at all times.



Ample storage space

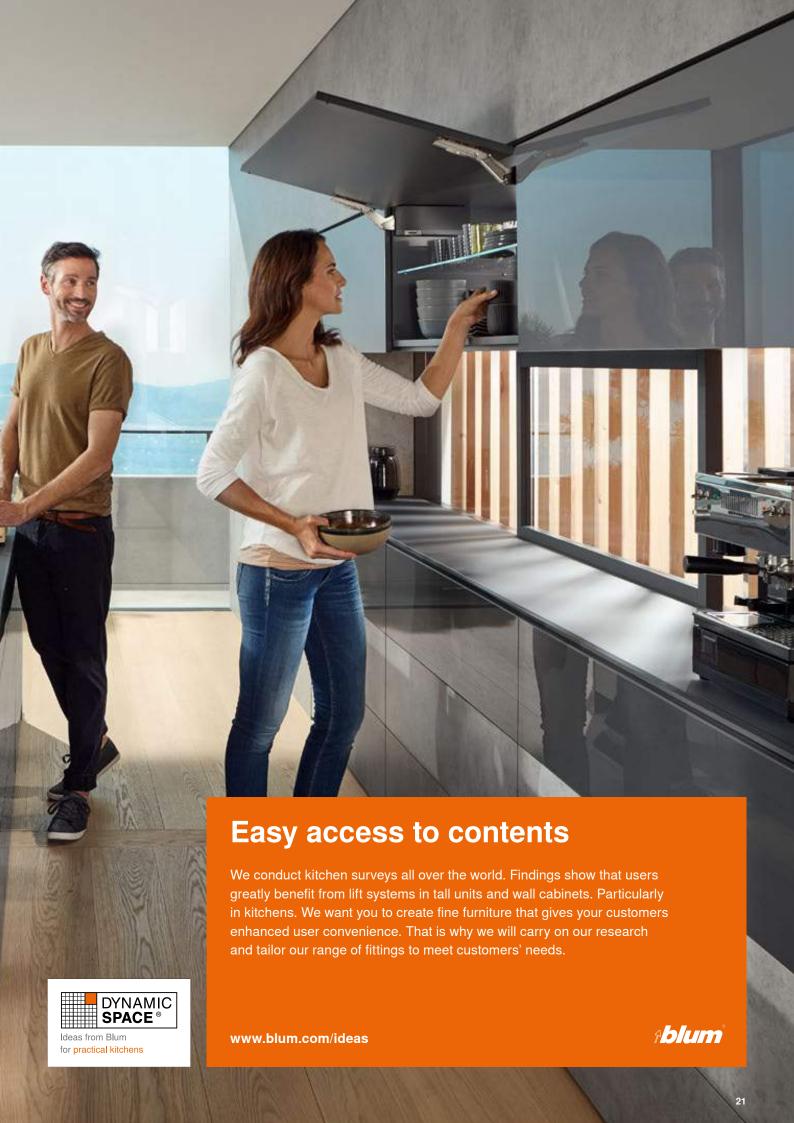
Tall units and wall cabinets equipped with lift systems come in all heights and widths. They can be tailored to storage needs or designed to produce harmonious gap layouts throughout the kitchen.



Top quality motion

Fronts open with a feather-light glide. Lift systems can be equipped with a mechanical or electrical opening support system as desired. Soft close is already integrated in BLUMOTION and SERVO-DRIVE.







lift system to suit every customer's needs and every installation situation. Find out more about the advantages of our various fittings solutions at www.blum.com/aventos

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AVENTOS HK-S for small stay lifts



AVENTOS range

The right lift system for any application



	Motion	Typical applications	Indication of front weight*	Possible fronts	Possible cabinet dimensions in mm
HF		Wall cabinet, top, two-part fronts		Wooden, wide/narrow alu frame fronts, wood- glass combinations, asymmetrical fronts	Height 480–1040 Width up to 1800
HS		Wall cabinet (if space), large, one-part fronts, with cornices and crown moulding		Thin fronts, wooden, wide/narrow alu frame fronts	Height 350–800 Width up to 1800
HL		Wall cabinet, tall cabinet (if space) within reaching height, devices behind, fronts above		Thin fronts, wooden, wide/narrow alu frame fronts	Height 300–580 Width up to 1800
HK top		Wall cabinet, tall cabinet, above fridge, larder unit, oven		Thin fronts, wooden, wide/narrow alu frame fronts	Height 205–600 Width up to 1800
HK		Wall cabinet, tall cabinet, above fridge, larder unit, oven		Thin fronts, wooden, wide/narrow alu frame fronts	Height 205–600 Width up to 1800
HK-S		Wall cabinet, tall cabinet, above fridge, larder unit, oven	•	Wooden, wide/narrow alu frame fronts	Height 180–600 Width up to 1800
HK-XS		Wall cabinet, tall cabinet, above fridge, larder unit, oven, extractor, bath	Two-sided	Wooden, wide/narrow alu frame fronts	Height 240–600 Width up to 1800



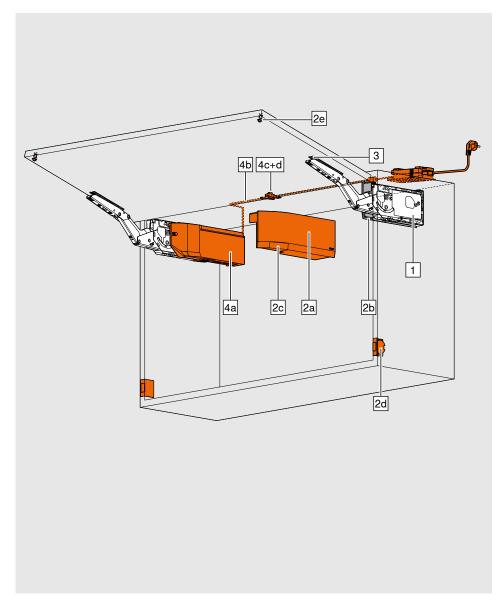


*You use the front weight and cabinet height to calculate the power factor of the lift mechanism. We would be happy to assist you with your product selection at www.blum.com/configurator

Minimum depth	Complete fitting or with hinges	Special installation or assembly	Available motion technology	Cover cap
278	Hinges on cabinet top panel required + connection of fronts	CLIP assembly Cabinet top panel assembly 3 lift mechanism types (symmetrical) 4 telescopic arms (symmetrical)	BLUMOTION by Blum SERVO-DRIVE by Blum	Silk white Light grey Dark grey
276	No hinges required	CLIP assembly Cross stabiliser 9 lift mechanism types (symmetrical) 1 lever arm	BLUMOTION by Blum SERVO-DRIVE by Blum	Silk white Light grey Dark grey
278	No hinges required	CLIP assembly Cross stabiliser 5 lift mechanism types (symmetrical) 4 lever arms	BLUMOTION by Blum SERVO-DRIVE by Blum	○ Silk white ○ Light grey ● Dark grey
187	No hinges required	CLIP assembly, 4 lift mechanism types (symmetrical), lift mechanism adjustment from the front, integrated safety solution and opening angle stop	BLUMOTION By Blum SERVO-DRIVE by Blum TIP-ON by Blum	Silk white Light grey Dark grey
207	No hinges required	CLIP assembly 4 lift mechanism types (symmetrical)	BLUMOTION by Blum SERVO-DRIVE by Blum TIP-ON by Blum	Silk whiteLight greyDark grey
163	No hinges required	CLIP assembly 3 lift mechanism types (symmetrical)	BLUMOTION by Blum TIP-ON by Blum	Silk white Light grey Dark grey
125 (Special solution with 100 mm possible)	Hinges on cabinet top panel required	CLIP assembly Cabinet top panel assembly 3 lift mechanism types (symmetrical)	BLUMOTION by Blum TIP-ON by Blum	

Standard and SERVO-DRIVE for AVENTOS HK top

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Using the power factor, you can calculate the number of required lift mechanisms. The power factor required depends on the weight of the front (incl. double the handle weight) and cabinet height.

When using a third lift mechanism (a power factor increase of up to 50%), we recommend a trial application.

Note

We recommend an additional lift mechanism attached to the centre panel for wide cabinets. The reason for this is to prevent the middle of the front from sagging when open.

Standard

SERVO-DRIVE

i

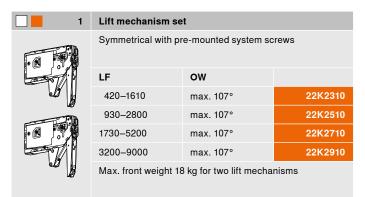
Power factor (LF) = cabinet height (KH) (mm) x front weight incl. double handle weight (kg)

A trial application is recommended at the edge areas of the individual lift mechanisms.

Standard and SERVO-DRIVE for AVENTOS HK top



Order specification



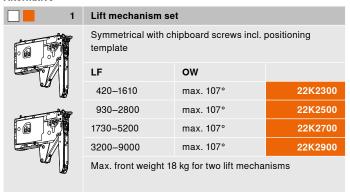
Symmetrical, nickel plated Wooden fronts and wide alu frames* Narrow alu frames * Use 4 chipboard screws (609.1x00) per side for wooden fronts. Use 4 countersunk self-tapping screws (660.0950) per side for wide alu frames. Alternative

Front fixing bracket

4c | 1 x connecting node 4d | 2 x cable end protectors

three lift mechanisms or more

Alternative





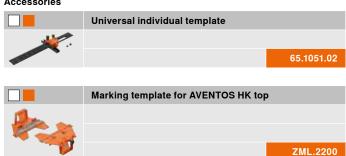


Blum transformer and accessories
See page 36

We recommend using two synchronised drive units for

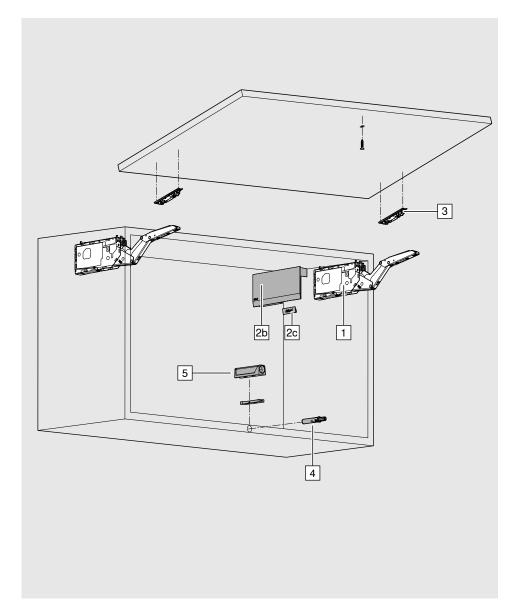


Accessories



TIP-ON for AVENTOS HK top

Ablum



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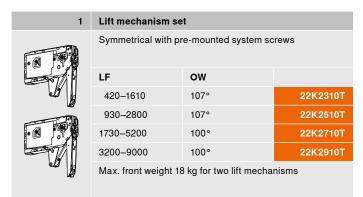
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TIP-ON for AVENTOS HK top

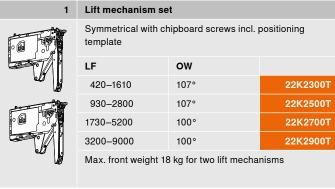


Order specification



4	TIP-ON set		
	Material	Colour	
	Plastic	SW TS R7036	
A STATE OF THE STA	Short version: up to	KH 500 mm	956.1004
	Long version: from KH 501 mm		956A1004
1,0	Consisting of: 1 x TIP-ON 1 x screw-on catch 1 x chipboard screw 1 x glue-on catch pl	, 609.1500	

Alternative



2	Cover cap set		
	Material	Colour	
	Plastic	HGR SW TGR	22K8000
Consisting of: 2a 1 x large cover cap, left 2b 1 x large cover cap, right 2c 2 x small cover cap, stamped with Blum le			um logo

3	Front fixing bracket set		
	Symmetrical, nickel plated		
	Wooden fronts and wide alu frames*	20\$4200	
	Narrow alu frames	20S4200A	
6	* Use 4 chipboard screws (609.1x00) per fronts. Use 4 countersunk self-tapping s per side for wide alu frames.		
Alternative			

Front fixing bracket

Symmetrical, nickel plated

EXPANDO T for thin fronts

EXPANDO T

5 Straight adapter plate

Colour

Silk white (SW), terra black (TS), RAL 7036 platinum grey (R7036), nickel finish (NI-L)

Short version 956.1201

Long version 956A1201

Alternative

	Cruciform adapter plates	
	Colour	
	RAL 7036 platinum grey (R7036)	
	Long version	956A1501

Accessories

	Universal individual template	
-		65.1051.02

Marking template for AVENTOS HK top	
	ZML.2200

LF Power factor KH Cabinet height 20S42T1

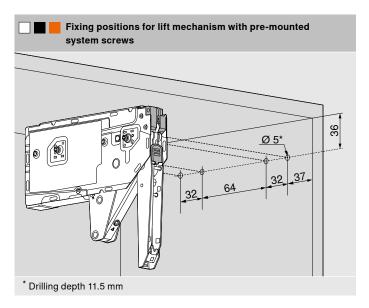
2 x

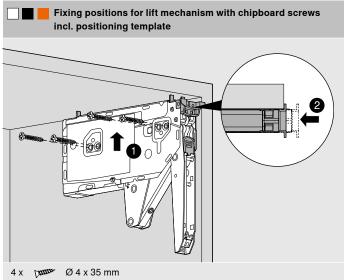
AVENTOS HK top

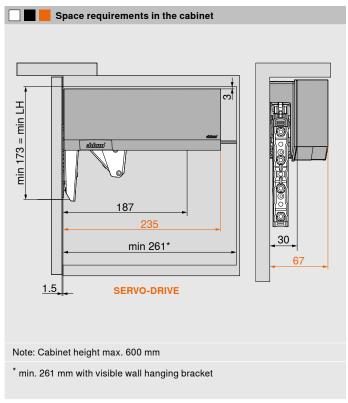
Standard, TIP-ON and SERVO-DRIVE for AVENTOS HK top

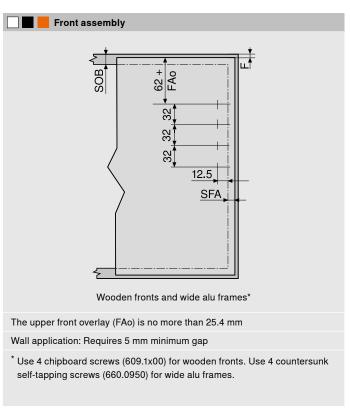


Planning









☐ Standard☐ TIP-ON☐ SERVO-DRIVE

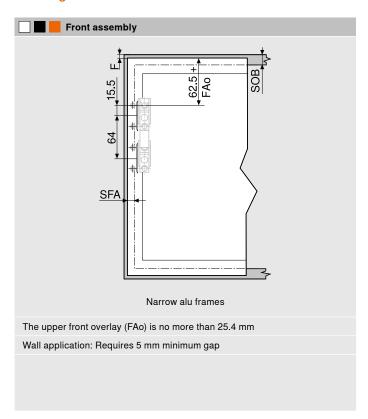
F GapFAo Upper front overlayLH Internal cabinet height

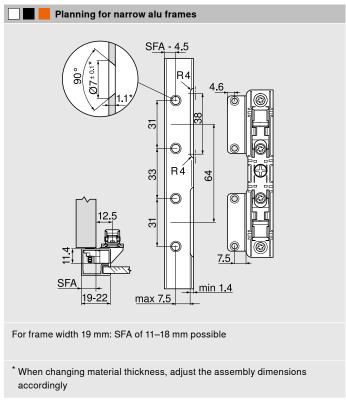
SFA Front overlay of the side panel SOB Top panel thickness

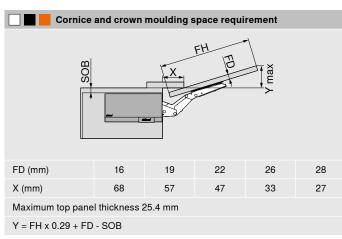
Standard, TIP-ON and SERVO-DRIVE for AVENTOS HK top

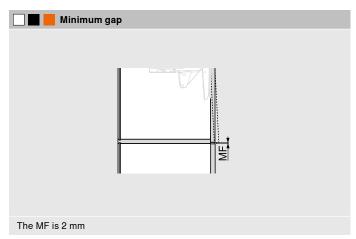
AVENTOS HK top







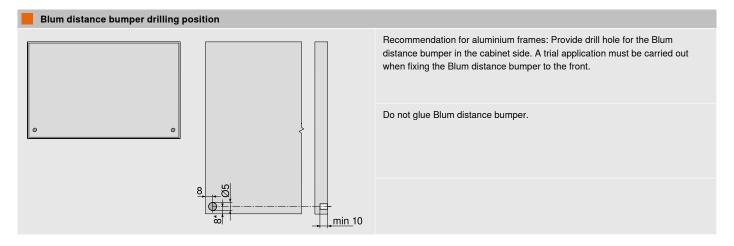


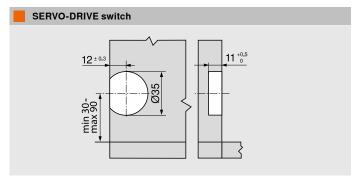


AVENTOS HK top

SERVO-DRIVE for AVENTOS HK top





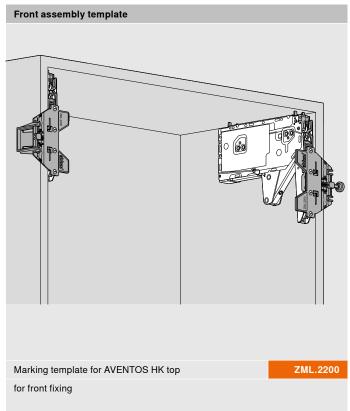


Standard, TIP-ON and SERVO-DRIVE for AVENTOS HK top

AVENTOS HK top



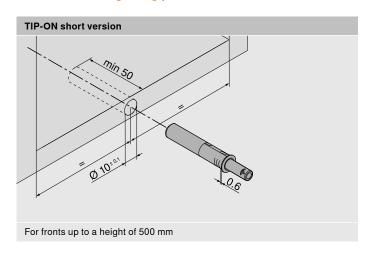


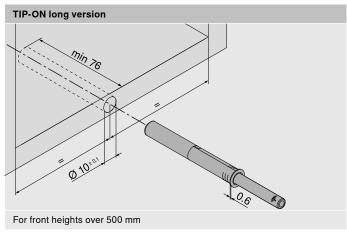


TIP-ON planning

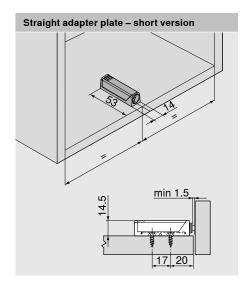


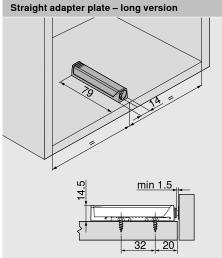
TIP-ON for drilling fixing position

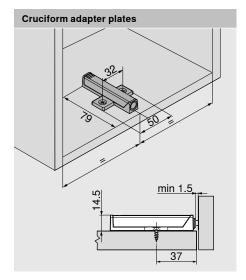




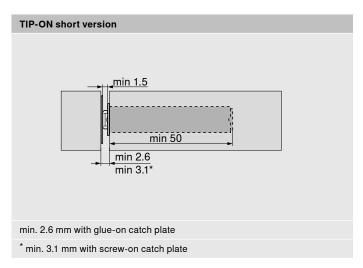
TIP-ON adapter plate fixing position

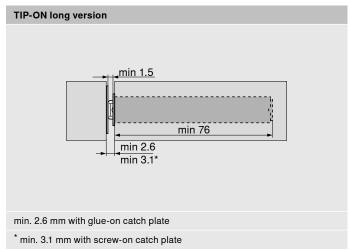






Installation dimensions for front gap

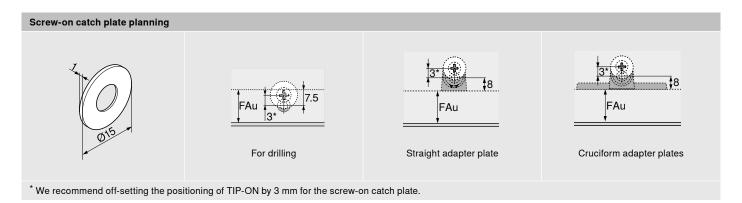


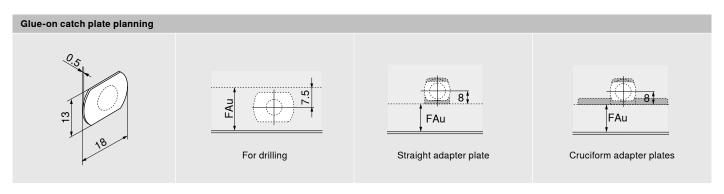


TIP-ON planning

AVENTOS HK top



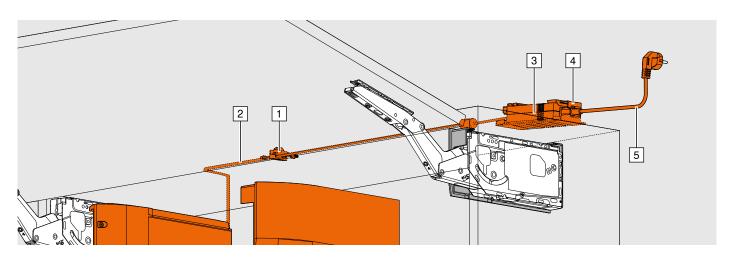




AVENTOS HK top



SERVO-DRIVE for AVENTOS HK top Blum transformer and accessories



Order specification

1	Connecting node and cable end protector		
	Consisting of: 1 x connecting node 2 x cable end protectors		
		Z10V100E.01	

2 Distribution cable and cable end protector

Consisting of:

1 x SERVO-DRIVE black electrical cable for cutting to size

5 x cable end protectors

8 m

Z10K800AE

Can be used as a distribution cable and bracket profile

3	24-Watt Blum transformer	
	Language descriptions as per ISO-639	
	DE, EN, FR, IT, NL	Z10NE030A
	DA, EN, FI, NO, SV	Z10NE030B
	EL, EN, HR, SL, SR, TR	Z10NE030C
	EN, ES, FR, IT, PT	Z10NE030D
	CS, HU, SK, PL	Z10NE030E
	BG, ET, LT, LV, RO, RU	Z10NE030F
	EN, ES, FR, (US, CA)	Z10NE030G
	EN, ZH	Z10NE030H
	Without flex	
	Including instruction leaflet and installation	n instructions
	Only 1 Blum transformer permitted per dis	stribution cable!

4	Transformer unit housing	
	For panel fixing	
		Z10NG120

5	Flex					
	Market		Market			
	AR	Z10M200A	AU	Z10M200K		
	UK	Z10M200B	CL	Z10M200L		
	CH	Z10M200C	CN	Z10M200N		
	DK	Z10M200D	TW	Z10M200T		
	Europe	Z10M200E	US, CA	Z10M200U		
	IN	☎ Z10M200H	ZA	Z10M200Z		
	IL	Z10M200I	BR	☎ Z10M200S.01		
	JP	Z10M200J	Europe ¹	Z10M200E.OS		
	¹Without p	lug				

Alternative to 24-Watt Blum transformer and flex

	12-Watt Blum plug-in transformer					
	Including flex (1120 mm)					
	For single applications only					
	Ne	etwork adapter (x)*				
	E	B	K	U		
	Language packages (y)					
	A DE, EN, FR, IT, NL		Ε	CS, HU, SK, PL		
	В	B DA, EN, FI, NO, SV		BG, ET, LT, LV, RO, RU		
	С	EL, EN, HR, SL, SR, TR	G	EN, ES, FR, (US, CA)		
	D	EN, ES, FR, IT, PT	Н	EN, ZH		
	Z10NA30xyF					
****				<u>"</u>		

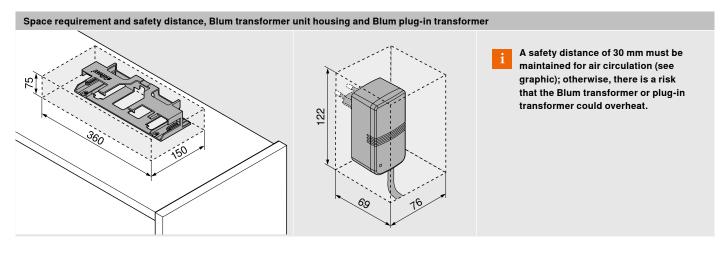
^{*} Not permitted for more than one drive unit!

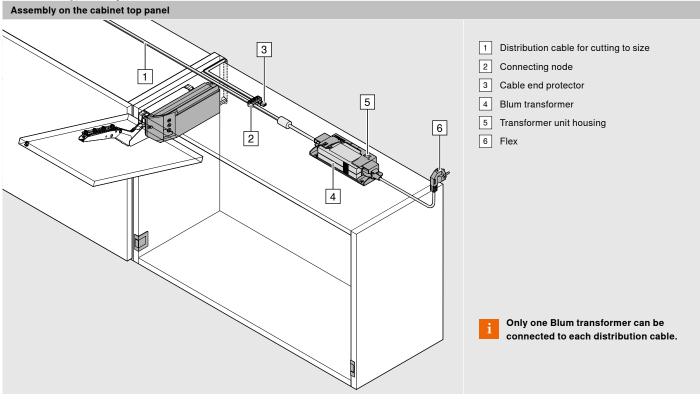
Cable holder				
Using the cable holder, the distribution cable can easily be fixed to the cabinet, for example.				
	Z10K0009			

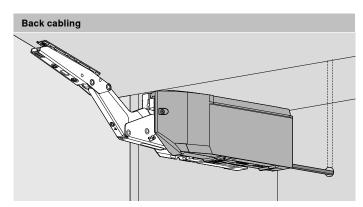
SERVO-DRIVE for AVENTOS HK top Blum transformer and accessories

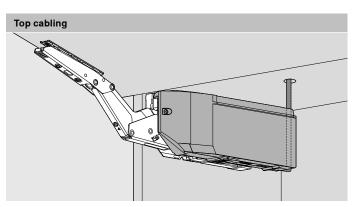
AVENTOS HK top



















Blum in Austria and around the world

The company has eight plants in Vorarlberg, Austria, additional production sites in Poland, the USA and Brazil and 31 subsidiaries/representative offices. Blum supplies more than 120 markets. The Blum Group employs 8.000 people in total, 6.000 of whom work in Vorarlberg.

Global customer benefits

"Whether manufacturer, distributor, fitter or kitchen user – everybody should personally enjoy the benefits of Blum products" – that is Blum's philosophy on global customer benefits.

Innovations

To support customers with innovative fittings solutions and secure long-term success for the company, we need to consistently invest in research and development, in plants and facilities and in employee training. With more than 2.100 granted patents worldwide, Blum is one of Austria's most innovative companies.





Quality

Blum's comprehensive concept of quality does not only apply to products. Services and collaboration with customers and partners should also meet the same quality requirements.

Environment

At Blum, we believe that responsible ecological behaviour has long-term economic benefits. The longevity of products is just one of many important aspects. Other important measures include the use of environmentally-friendly processes, the intelligent use of materials and prudent energy management.

DYNAMIC SPACE

Good workflows, optimum use of storage space and top quality motion are important features of a practical kitchen. Blum's ideas for practical kitchens are designed to bring function, convenience and ergonomics to furniture interiors.







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