

FENA LIVING





FENA LIVING

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A perfect fusion of originality and modernity.

Perfect balance provided by striking contrasts – how does that work? Easily. By mixing apparent contrasts. FENA proves that very different and very original materials can be perfectly combined in a balanced design. Accents in concrete grey, bronze and natural planked oak team up with elegant matt lacquer to create a monolithic architecture that is both archaic and futuristic. Horizontal lines offer tranquillity, the square provides a balancing counterweight.

Using impressively pure materials and featuring clean and simple lines, FENA offers an utterly stylish fusion of apparent contrasts. Functional units add striking highlights to the living room.

A stunning mix of lacquer, wood, concrete and bronze:

Accents in concrete grey and bronze as well as rustic planked oak team up with elegant matt lacquer in a balanced furniture architecture – original yet futuristic.

A balanced design:

An emphasis on horizontal lines within a regular geometry ensures a laid-back look – continuous veneer pattern in the fronts.

Distinctive media talent:

TV centre in concrete grey and bronze as a visual contrast and appropriately sized lowboards for a perfect integration of large flat screens and standard integrated cable apertures.

Lists of versions

Model no.	Carcase and front	Price group	Model no.	Accent
648 663 695	Pure white lacquer Silk grey lacquer Planked oak	I I II	656 672	Concrete grey Bronze
Note: Inner carcass and interior fittings always in pure white lacquer.			Note: The concrete grey and bronze accent versions are only available for chosen components. These are specially marked.	

Changing versions:

With FENA units it is also possible to order the cover shelf and the rear wall of the 12 Raster cabinet in a different version (without surcharge). Please state clearly in the order.

Versions of handles and metal substructures

Handle versions

Handles optionally in high-gloss chrome or antique silver

Metal substructure versions

Metal substructures optionally in high-gloss chrome, antique silver or bronze

Please state all the required versions clearly in the order!

Important notes

Changing versions:
With FENA units it is also possible to order the cover shelf in a different version (without surcharge). Please state clearly in the order.

Accent:
The concrete grey and bronze accents are only available for chosen components. These are specially marked.

Handle versions:
Handles optionally in high-gloss chrome or antique silver. Please state the required version clearly in the order!

Metal substructure versions:
Metal substructures optionally in high-gloss chrome, antique silver or bronze. Please state the required version clearly in the order!

Glass versions:
Glass doors and door panels of bronzed glass and glass shelves behind their fronts of satinised glass.

Standard interior fittings:
1 fitted shelf is fitted behind 3-4 Raster high doors.

Drawer frames in grey

Wall units:
Wall units always incl. wall bracket

Combinations of floor and wall units:
If floor and wall units are combined within an arrangement, there must not be any skirting boards in the room near the floor units, otherwise they must be removed.

Max. load:
Max. load of wooden and glass shelves (up to 70.4 cm width) as well as drawers: 25 kg
Max. load of wooden and glass shelves (between 70.4 and 105.6 cm width): 15 kg;
from 105.6 cm width: 10 kg
Max. load of cover shelves: 35 kg per metre length for floor units.
Please also note any maximum loads which may be stated in the type list for the individual units!

hülsta-SoftFlow:
Drawers on hidden roller bearings with automatic cushioned closing device, fully pull-out.

Labelling in type list drawings / assembly notes for wall units

Labelling in type list drawings / assembly notes for wall units

The majority of units have two wall mounting points (= number of base plates), if these are to be fitted as wall units. This is not explicitly mentioned in the type list. If a different number of wall mounting points (= base plates) is required, this is marked in the drawings in the type list with numbers in black boxes.

Please be sure to note here the information and notes in the "Wall composition" chapter!

3
4

Notes on delivery

Notes on delivery:
The majority of the units are delivered standard as **fully connected units (glued)** so that the carcass **cannot be disassembled**. There are however some **exceptions** to this rule:

Some carcasses are delivered as complete units but can be **disassembled into individual sections** in the final customer's home. These types are marked with a **1** in the type list.

Some carcasses are delivered **in individual sections** because of their size. These types are marked with a **2** in the type list.

The fronts with the number **2** are delivered separately and can therefore always be (dis-) assembled.

Wall fitting

Important notes: Generally speaking, you as a dealer/qualified fitter are responsible for the correct wall mounting of the units. That is why wall mounting should only be carried out by properly trained and qualified fitters. hülsta supplies materials for mounting units on walls for nearly all the units and which should be used for safety and for constructional reasons. The assembly materials supplied by hülsta (plugs, screws) are only suitable for fitting components on to concrete in firmness class C12/15. For other materials (please see separate materials table in the wall composition chapter) we provide you with an assembly mortar set as an extra order. Please note that this assembly mortar set is also only suitable for the materials listed in the materials table. If walls are made up of other materials (e.g. plastered or lighter wall materials), one should use another method of mounting better suited to the load on site. Please note that if the units are not mounted properly on the wall, there is a risk of the units falling down or tipping over – especially when alternative mounting materials acquired on site have been used. For the reasons stated above it is absolutely essential to enquire about the composition of any walls before signing any contracts.

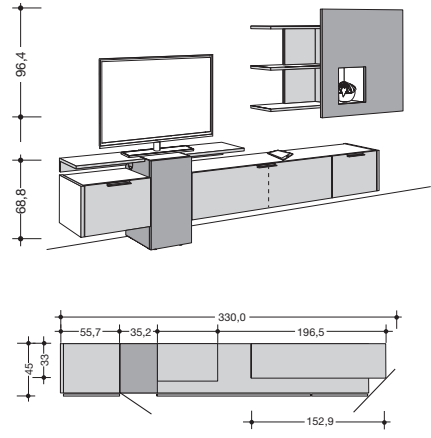
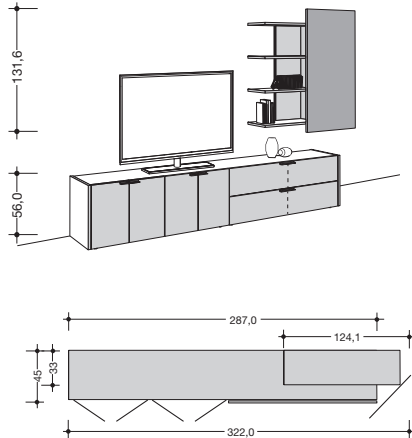
Information on the sketches

Order of markings
The markings for the fronts go from left to right and/or from top to bottom.

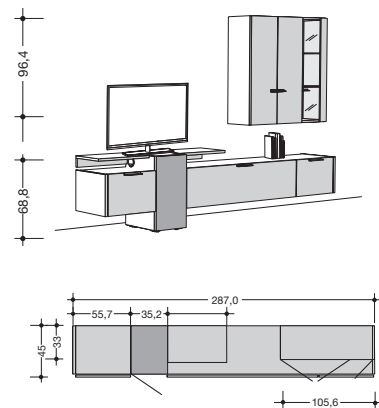
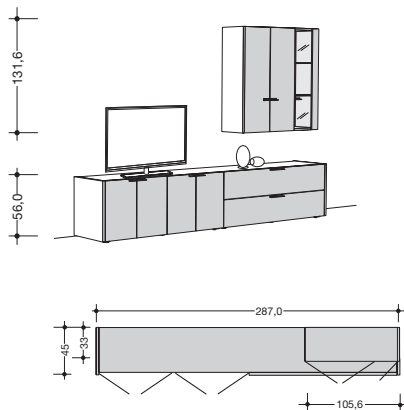


Special combinations

Special combinations are arrangements that are reduced in price. This price advantage is only available when the arrangement is ordered exactly as described. The special combinations can be enhanced by including accessories. These are charged extra.



	Lowboard with 4 doors and 2 drawers	Lowboard with 4 doors, 1 flap (top) and 1 drawer	Lowboard with 4 folding-doors and 2 drawers	Lowboard with 4 folding-doors, 1 flap (top) and 1 drawer	Extendable wall lowboard with 3 drawers	Extendable wall lowboard with 2 flaps and 1 drawer (right)	Extendable wall lowboard with 1 flap (left) and 2 drawers	Extendable wall lowboard with 1 flap (centre) and 2 drawers
as illustr. v. versa	990001 990101	991001 991101	992001 992101	993001 993101	990002 990102	991002 991102	992002 992102	993002 993102
Price gr.	-	-	-	-	-	-	-	-
I	-	-	-	-	-	-	-	-
II	-	-	-	-	-	-	-	-

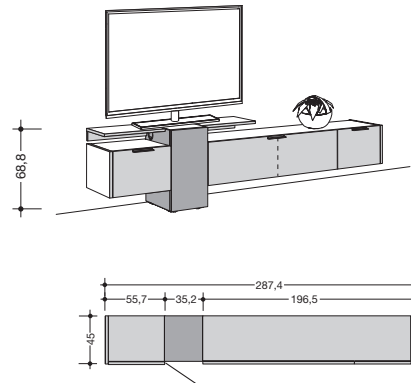
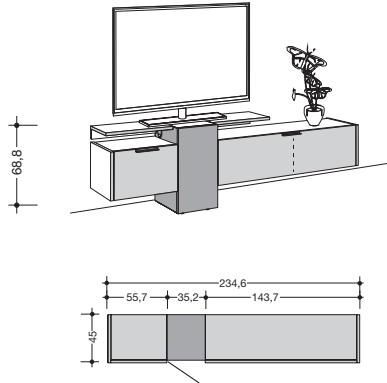


	Lowboard with 4 doors and 2 drawers	Lowboard with 4 doors, 1 flap (top) and 1 drawer	Lowboard with 4 folding-doors and 2 drawers	Lowboard with 4 folding-doors, 1 flap (top) and 1 drawer	Extendable wall lowboard with 3 drawers	Extendable wall lowboard with 2 flaps and 1 drawer (right)	Extendable wall lowboard with 1 flap (left) and 2 drawers	Extendable wall lowboard with 1 flap (centre) and 2 drawers
as illustr. v. versa	990005 990105	991005 991105	992005 992105	993005 993105	990006 990106	991006 991106	992006 992106	993006 993106
Price gr.	-	-	-	-	-	-	-	-
I	-	-	-	-	-	-	-	-
II	-	-	-	-	-	-	-	-



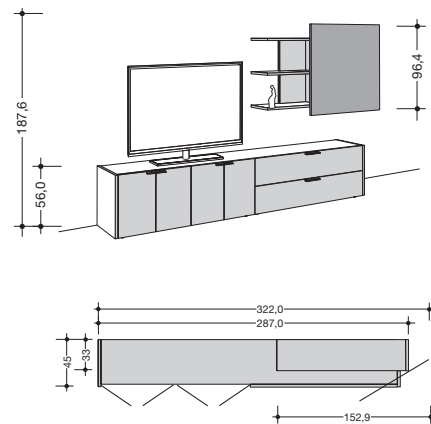
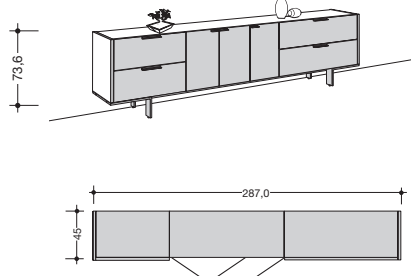
Suggested combinations

As an alternative to planning an individual unit from the complete range there is the possibility of choosing from specially suggested combinations. This eases planning. Incorporating accessories can enhance the suggested combinations. These are charged extra.



as illustr. v. versa	Extendable wall lowboard with 2 drawers	Extendable wall lowboard with 2 flaps	Extendable wall lowboard with 1 flap (left) and 1 drawer	Extendable wall lowboard with 1 drawer (left) and 1 flap	Extendable wall lowboard with 3 drawers	Extendable wall lowboard with 2 flaps and 1 drawer (right)	Extendable wall lowboard with 1 flap (left) and 2 drawers	Extendable wall lowboard with 1 flap (centre) and 2 drawers
	980003 980103	981003 981103	982003 982103	983003 983103	980004 980104	981004 981104	982004 982104	983004 983104
	- -	- -	- -	- -	- -	- -	- -	- -

Price gr.
I
II



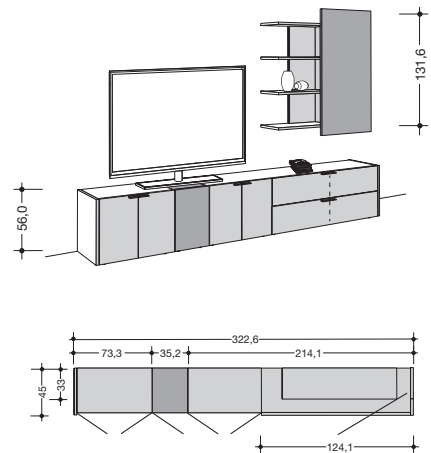
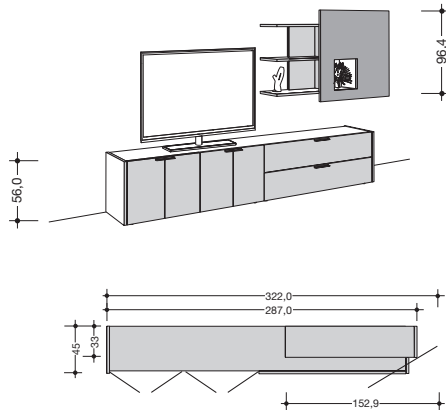
as illustr. v. versa	Lowboard with 4 drawers and 3 doors	Lowboard with 2 drawers left, 3 doors and 1 flap (top right) and 1 drawer	Lowboard with 1 flap (top left) and 1 drawer, 3 doors and 2 drawers right	Lowboard with 2 flaps (top left and right) and 2 drawers and 3 doors	Lowboard with 4 doors and 2 drawers	Lowboard with 4 doors, 1 flap (top) and 1 drawer	Lowboard with 4 folding- doors and 2 drawers	Lowboard with 4 folding- doors, 1 flap (top) and 1 drawer
	980009 980109	981009 981109	982009 982109	983009 983109	980011 980111	981011 981111	982011 982111	983011 983111
	- -	- -	- -	- -	- -	- -	- -	- -

Price gr.
I
II

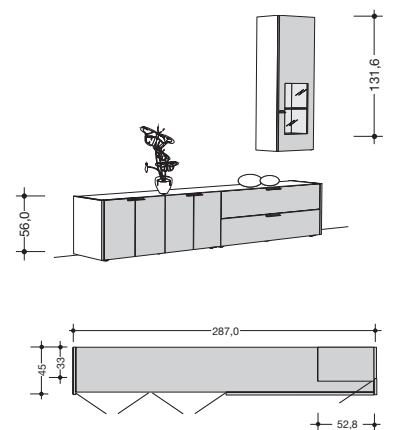
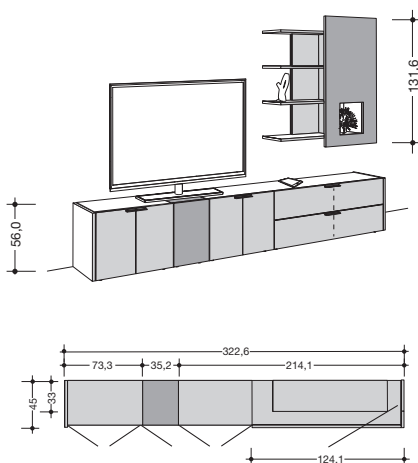
Suggested combinations

FENA

As an alternative to planning an individual unit from the complete range there is the possibility of choosing from specially suggested combinations. This eases planning. Incorporating accessories can enhance the suggested combinations. These are charged extra.



as illustr. v. versa	Lowboard with 4 doors and 2 drawers	Lowboard with 4 doors, 1 flap (top) and 1 drawer	Lowboard with 4 folding- doors and 2 drawers	Lowboard with 4 folding- doors, 1 flap (top) and 1 drawer	Extendable lowboard left with 2 doors; extendable lowboard right with 2 doors and 2 drawers	Extendable lowboard left with 2 doors; extendable lowboard right with 2 doors and 1 flap (top) and 1 drawer
	980012 980112	981012 981112	982012 982112	983012 983112	980013 980113	981013 981113
Price gr.	-	-	-	-	-	-
I	-	-	-	-	-	-
II	-	-	-	-	-	-

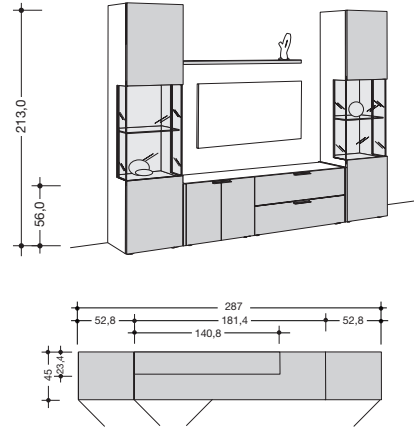
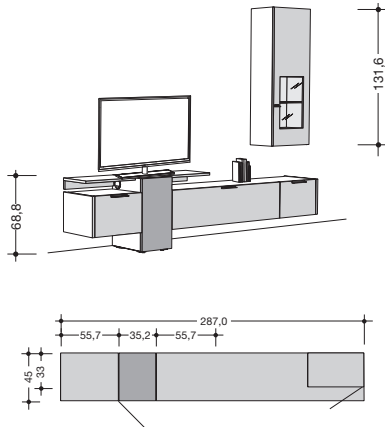


as illustr. v. versa	Extendable lowboard left with 2 doors; extendable lowboard right with 2 doors and 2 drawers	Extendable lowboard left with 2 doors; extendable lowboard right with 2 doors and 1 flap (top) and 1 drawer	Lowboard with 4 doors and 2 drawers	Lowboard with 4 doors, 1 flap (top) and 1 drawer	Lowboard with 4 folding- doors and 2 drawers	Lowboard with 4 folding- doors, 1 flap (top) and 1 drawer
	980014 980114	981014 981114	980015 980115	981015 981115	982015 982115	983015 983115
Price gr.	-	-	-	-	-	-
I	-	-	-	-	-	-
II	-	-	-	-	-	-

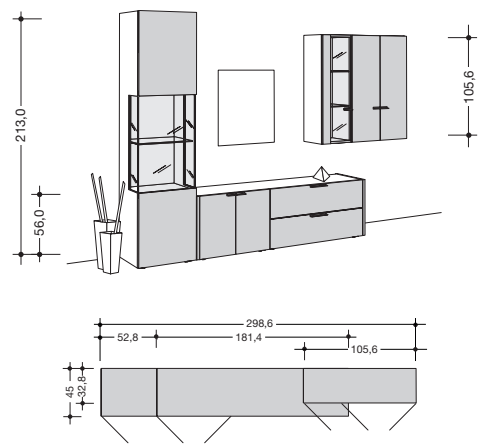
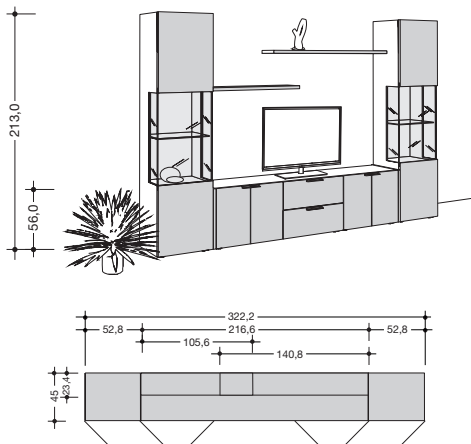
Suggested combinations

Please state the required handle version clearly in the order!

As an alternative to planning an individual unit from the complete range there is the possibility of choosing from specially suggested combinations. This eases planning. Incorporating accessories can enhance the suggested combinations. These are charged extra.



	Extendable wall lowboard with 3 drawers	Extendable wall lowboard with 2 flaps and 1 drawer (right)	Extendable wall lowboard with 1 flap (left) and 2 drawers	Extendable wall lowboard with 1 flap (centre) and 2 drawers	Lowboard with 2 doors and 2 drawers	Lowboard with 2 doors, 1 flap (top) and 1 drawer
as illustr. v. versa	980016 980116	981016 981116	982016 982116	983016 983116	980017 980117	981017 981117
Price gr.	-	-	-	-	-	-
I	-	-	-	-	-	-
II	-	-	-	-	-	-

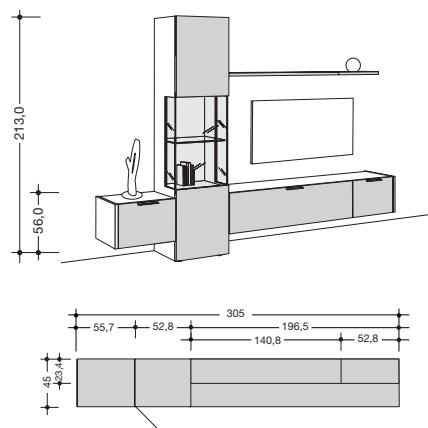
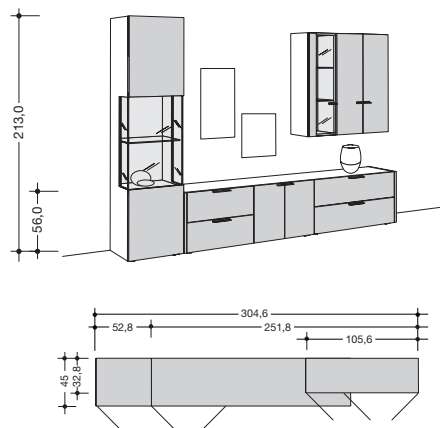


	Lowboard with 4 doors and 2 drawers	Lowboard with 4 doors, 1 flap (top) and 1 drawer	Lowboard with 2 doors and 2 drawers	Lowboard with 2 doors, 1 flap (top) and 1 drawer
as illustr. v. versa	980018	981018	980019 980119	981019 981119
Price gr.	-	-	-	-
I	-	-	-	-
II	-	-	-	-

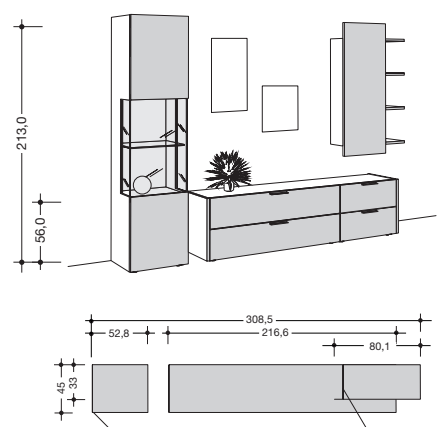
Suggested combinations

FENA

As an alternative to planning an individual unit from the complete range there is the possibility of choosing from specially suggested combinations. This eases planning. Incorporating accessories can enhance the suggested combinations. These are charged extra.



	Lowboard with 4 drawers and 2 doors	Lowboard with 2 drawers left, 2 doors and 1 flap (top right) and 1 drawer	Lowboard with 1 flap (top left) and 1 drawer, 2 doors and 2 drawers right	Lowboard with 2 flaps (top left and right) and 2 drawers and 2 doors	Extendable wall lowboard with 3 drawers	Extendable wall lowboard with 2 flaps and 1 drawer (right)	Extendable wall lowboard with 1 flap (left) and 2 drawers	Extendable wall lowboard with 1 flap (centre) and 2 drawers
as illustr. v. versa	980020 980120	981020 981120	982020 982120	983020 983120	980021 980121	981021 981121	982021 982121	983021 983121
Price gr.	-	-	-	-	-	-	-	-
I	-	-	-	-	-	-	-	-
II	-	-	-	-	-	-	-	-



	Lowboard with 4 drawers	Lowboard with 1 flap (top left) and 3 drawers	Lowboard with 2 flaps (top) and 2 drawers	
as illustr. v. versa	980022 980122	981022 981122	982022 982122	
Price gr.	-	-	-	
I	-	-	-	
II	-	-	-	



Cover shelf of lowboards optionally available in **concrete grey** and **bronze** versions (without surcharge). Please state clearly in the order!

3 Raster lowboards

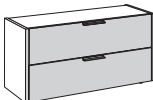
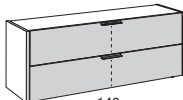
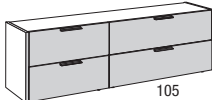
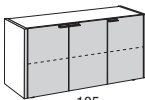
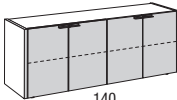
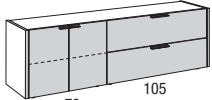
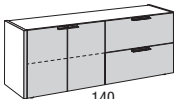
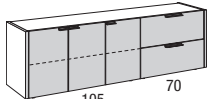



3 Raster lowboards

54.2 cm high
(56.0 cm high incl. 1.8 cm high
plinth adjusters),
45.0 cm deep

incl. centre cable aperture
behind flap in rear wall of each
compartment

Interior fittings, handles:
See here the information on
page 3

Accessories: see pages 21-22

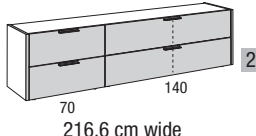
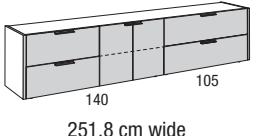
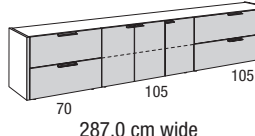
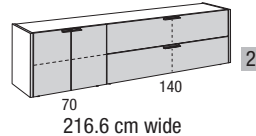
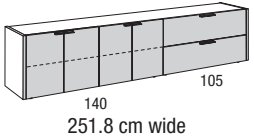
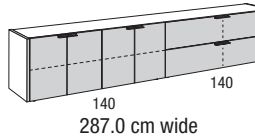
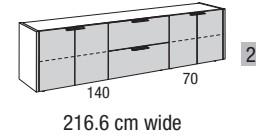
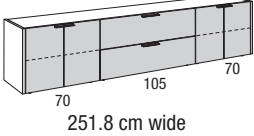
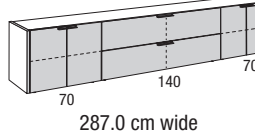



<div> 105 111.0 cm wide</div>			<div> 140 146.2 cm wide</div>			<div> 70 105 181.4 cm wide</div>		
as illustr. v. versa Price gr. I II	2 drawers	1 flap; 1 drawer	2 drawers	1 flap; 1 drawer	4 drawers	3 drawers, 1 flap (top right)	2 flaps; 2 drawers	
	31111	31118	31411	31418	318111 318112	318181 318182	318281 318282	
	- -	- -	- -	- -	- -	- -	- -	
<div> 105 111.0 cm wide</div>			<div> 140 146.2 cm wide</div>			<div> 70 105 181.4 cm wide</div>		
as illustr. v. versa Price gr. I II	3 doors		4 doors	4 folding-doors	2 doors; 2 drawers		2 doors; 1 flap (top), 1 drawer	
	311131 311132		31413	31414	318131 318132		318231 318232	
	- -		- -	- -	- -		- -	
<div> 140 146.2 cm wide</div>			<div> 105 70 181.4 cm wide</div>					
as illustr. v. versa Price gr. I II			2 doors; 2 drawers	2 doors; 1 flap (top), 1 drawer	3 doors; 2 drawers		3 doors; 1 flap (top), 1 drawer	
			314131 314132	314231 314232	318331 318332		318431 318432	
			- -	- -	- -		- -	
<div> for 111.0 cm width</div>			<div> for 146.2 cm width</div>			<div> for 181.4 cm width</div>		
	2101		2141		2181			
	-		-		-			

3 Raster lowboards

Notes on delivery:
Please see here the information on range introduction pages.

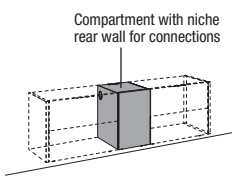
1
2

FENA

3 Raster lowboards 54.2 cm high (56.0 cm high incl. 1.8 cm high plinth adjusters), 45.0 cm deep incl. centre cable aperture behind flap in rear wall of each compartment Interior fittings, handles: See here the information on page 3 Accessories: see pages 21-22	 70 140 216.6 cm wide			 140 105 251.8 cm wide			 70 105 105 287.0 cm wide					
	4 drawers	3 drawers, 1 flap (top right)	2 flaps (top), 2 drawers	4 drawers; 2 doors	2 drawers left; 2 doors; 1 flap (top right), 1 drawer	1 flap (top left), 1 drawer; 2 doors; 2 drawers right	2 flaps (top left and right), 2 drawers; 2 doors	4 drawers; 3 doors	2 drawers left; 3 doors; 1 flap (top right), 1 drawer	1 flap (top left), 1 drawer; 3 doors; 2 drawers right	2 flaps (top left and right), 2 drawers; 3 doors	
	as illustr. v. versa	321111 321112	321181 321182	321281 321282	325131 325132	325231 325232	325331 325332	325431 325432	328131 328132	328231 328232	328331 328332	328431 328432
	Price gr.	-	-	-	-	-	-	-	-	-	-	-
	I	-	-	-	-	-	-	-	-	-	-	-
	II	-	-	-	-	-	-	-	-	-	-	-
	 70 140 216.6 cm wide			 140 105 251.8 cm wide			 140 140 287.0 cm wide					
	2 doors; 2 drawers	2 doors; 1 flap (top), 1 drawer		4 doors; 2 drawers	4 doors; 1 flap (top), 1 drawer	4 folding- doors; 2 drawers	4 folding- doors; 1 flap (top), 1 drawer	4 doors; 2 drawers	4 doors; 1 flap (top), 1 drawer	4 folding- doors; 2 drawers	4 folding- doors; 1 flap (top), 1 drawer	
	as illustr. v. versa	321141 321142	321241 321242	325141 325142	325241 325242	325341 325342	325441 325442	328141 328142	328241 328242	328341 328342	328441 328442	
	Price gr.	-	-	-	-	-	-	-	-	-	-	-
	I	-	-	-	-	-	-	-	-	-	-	-
	II	-	-	-	-	-	-	-	-	-	-	-
	 140 70 216.6 cm wide			 70 105 70 251.8 cm wide			 70 140 70 287.0 cm wide					
	4 doors; 2 drawers	4 doors; 1 flap (top), 1 drawer		4 doors; 2 drawers	4 doors; 1 flap (top), 1 drawer			4 doors; 2 drawers	4 doors; 1 flap (top), 1 drawer			
		321113	321223		325113	325223		328113	328223		328313	328423
	Price gr.	-	-		-	-		-	-		-	-
I	-	-		-	-		-	-		-	-	
II	-	-		-	-		-	-		-	-	
Metal substructure 19.4 cm high Units can be placed optionally on a metal substructure. In this case the plinth adjusters are omitted. Metal substructure optionally in high-gloss chrome, antique silver or bronze. Please state the required version clearly in the order!	 for 216.6 cm width			 for 251.8 cm width			 for 287.0 cm width					
		2211		2251		2281						
		-		-		-						



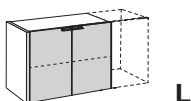
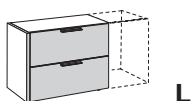
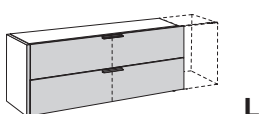
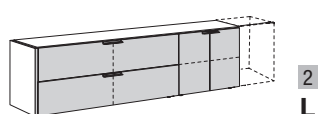
3 Raster TV centre for extendable lowboards

<p>3 Raster TV centre for extendable lowboards 54.2 cm high (56.0 cm high incl. 1.8 cm high plinth adjusters), 45.0 cm deep</p> <p>incl. cable aperture K8 in cover shelf and K20 in the carcass sides. Further cable apertures K20 are possible.</p> <p>The 3 Raster TV centre must be fitted between extendable lowboards (see below).</p> <p>L/R = Door hinge left/right</p>	<p>3 Raster TV centre for extendable lowboards</p> <div style="text-align: center;">  <p>Compartment with niche rear wall for connections</p> </div> <p>35.2 cm wide</p>		
	1 door		
	<p>Price gr.</p> <p>I</p> <p>II</p>	<p>34011 L 34012 R</p> <p>-</p> <p>-</p>	

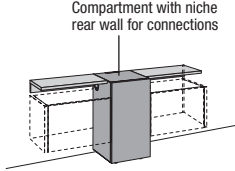
Extendable lowboards for 3 Raster TV centre



Cover shelf of lowboards optionally available in **concrete grey** and **bronze** versions (without surcharge). Please state clearly in the order!

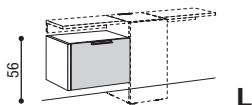
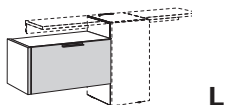
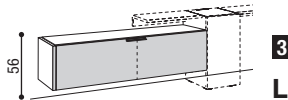
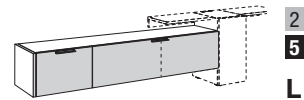
<p>Extendable lowboards for 3 Raster TV centre 54.2 cm high (56.0 cm high incl. 1.8 cm high plinth adjusters), 45.0 cm deep</p> <p>incl. cable aperture K20 on the side which is fitted to the TV centre. Further cable apertures K20 are possible.</p> <p>Handles: See here the information on page 3</p> <p>TV centre and extendable lowboards must be ordered in combination.</p> <p>L/R = Extendable on the left/right side of the TV centre</p>	<div style="text-align: center;">  <p>L</p> <p>73.3 cm wide</p> </div>		<div style="text-align: center;">  <p>L</p> <p>73.3 cm wide</p> </div>	
	2 doors		2 drawers	1 flap; 1 drawer
	<p>37031 L 37032 R</p> <p>-</p> <p>-</p>		<p>37011 L 37012 R</p> <p>-</p> <p>-</p>	<p>37081 L 37082 R</p> <p>-</p> <p>-</p>
	<div style="text-align: center;">  <p>L</p> <p>143.7 cm wide</p> </div>		<div style="text-align: center;">  <p>2 L</p> <p>214.1 cm wide</p> </div>	
	2 drawers		1 flap; 1 drawer	2 doors; 2 drawers
<p>Ext. left Ext. right</p> <p>Price gr.</p> <p>I</p> <p>II</p>	<p>314011 L 314012 R</p> <p>-</p> <p>-</p>	<p>314081 L 314082 R</p> <p>-</p> <p>-</p>	<p>321031 L 321032 R</p> <p>-</p> <p>-</p>	<p>321081 L 321082 R</p> <p>-</p> <p>-</p>

4 Raster TV centre for extendable wall lowboards

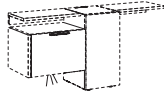
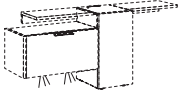
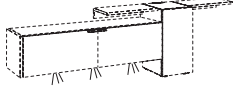
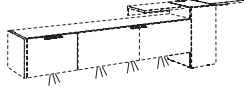
<p>4 Raster TV centre for extendable wall lowboards TV centre 67.0 cm high (68.8 cm high incl. 1.8 cm high plinth adjusters), 45.0 cm deep Storage shelves 55.7 cm wide, 35.0 cm deep; max. load 5 kg; height between storage shelf and wall extendable lowboard: 10.6 cm</p> <p>incl. cable aperture K8 in cover shelf and K20 in the carcass sides. Further cable apertures K20 are possible.</p> <p>The 4 Raster TV centre must be fitted between wall extendable lowboards (see below).</p> <p>L/R = Door hinge left/right</p>	<p>4 Raster TV centre for extendable wall lowboards</p>  <p>Compartment with niche rear wall for connections</p> <p>TV centre 35.2 cm wide; total width incl. storage shelves: 146.6 cm</p> <p>1 door</p> <p>34021 L 34022 R</p> <p>Price gr. I II</p>
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Extendable wall lowboards for 4 Raster TV centre


 Cover shelf of lowboards optionally available in **concrete grey** and **bronze** versions (without surcharge). Please state clearly in the order!

<p>Extendable wall lowboards for 4 Raster TV centre 36.6 cm high 45.0 cm deep</p> <p>incl. cable aperture K20 on the side which is fitted to the TV centre. Further cable apertures K20 are possible.</p> <p>Handles: See here the information on page 3</p> <p>TV centre and extendable wall lowboards must be ordered in combination.</p> <p>L/R = Extendable on the left/right side of the TV centre</p> <p>Max. load: 55.7 cm width: 7.5 kg 73.3 cm width: 10.0 kg 143.7 cm width: 20.0 kg 196.5 cm width: 27.5 kg</p>	 <p>L</p> <p>55.7 cm wide</p>		 <p>L</p> <p>73.3 cm wide</p>	
	1 drawer		1 flap	
	25011 L 25012 R		25081 L 25082 R	
	-		-	
	-		-	
<p>Ext. left Ext. right</p> <p>Price gr.</p> <p>I</p> <p>II</p>	1 drawer		1 flap	
	214011 L 214012 R		214081 L 214082 R	
	-		-	
	-		-	
	-		-	
 <p>3</p> <p>L</p> <p>143.7 cm wide</p>		 <p>2 5</p> <p>L</p> <p>196.5 cm wide</p>		
1 drawer		1 flap		
219011 L 219012 R		219081 L 219082 R		
-		-		
-		-		
-		-		

Lamps for extendable wall lowboards for 4 Raster TV centre

<p>LED light strip flush mounted</p> <p>This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V</p>	<p>2.2 W</p>  <p>for 55.7 cm width</p> <p>522</p> <p>-</p>	<p>4.1 W</p>  <p>for 73.3 cm width</p> <p>702</p> <p>-</p>	<p>9.3 W</p>  <p>for 143.7 cm width</p> <p>1402</p> <p>-</p>	<p>11.5 W</p>  <p>for 196.5 cm width</p> <p>1902</p> <p>-</p>
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Media accessories for lowboards

IR repeater set

IR repeater set

Infrared signal transmission set for operating media units behind wooden/lacquered fronts. You can operate all the units in one compartment with one set. The following applies:

- One set must be used in each compartment. 2 transmitters can also be installed in large compartments in order to increase performance. In this case only one additional transmitter needs to be ordered.
- The transmitter must be placed in the direct vicinity of the receiver eye.
- Transmittable IR frequency band 20 – 60 kHz
- Up to 3 transmitters can be combined with one receiver.

It is possible to use 3 transmitters via 1 receiver including Master box. This enables simultaneous operation of 3 different furniture compartments or in critical situations it allows fitting out one furniture compartment with several transmitters in order to increase the performance in this compartment or to operate 2 end units placed next to one another.

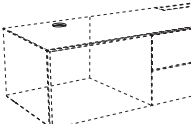
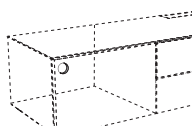
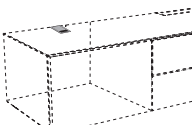
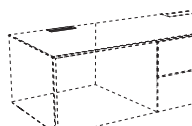
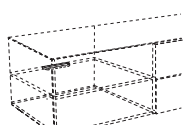
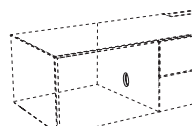
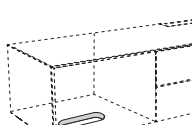
The IR repeater set consists of:

- 1 receiver eye (Ø 3.0 cm) incl. standing bracket
- 1 electrical transmitter
- 1 plug EVG 12 V
- Cable clips


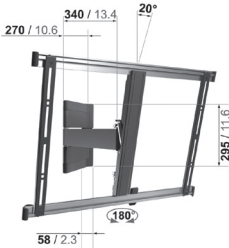
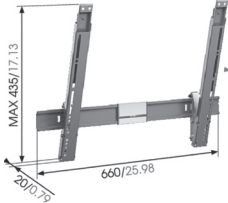
Please note the details stated in the operating instructions!

IR repeater set 1 receiver eye and 1 transmitter incl. standing bracket	
2001	-
Extra transmitter	
2003	-

Cable apertures / subwoofer base cut-out section

	Cable aperture K1 silver-coloured; Ø 8.0 cm It is possible to fit a cable aperture in the top shelf of the lowboard. The cable aperture can be made at the rear of the top shelf. The position is in the centre of the compartment, distance from centre of aperture to rear edge of unit: 10.0 cm.	K1 -
	Cable aperture K2 silver-coloured; Ø 8.0 cm It is possible to fit a cable aperture in the rear wall of the lowboard. Positioned in centre of compartment.	K2 -
	Cable aperture K7 silver-coloured; 7.0 x 12.0 cm It is possible to fit a cable aperture in the top shelf of the lowboard. The position is in the centre of the compartment, flush with the rear edge of the unit.	K7 -
	Cable aperture K8 silver-coloured; 12.8 x 3.2 cm It is possible to fit a cable aperture in the top shelf of the lowboard. The cable aperture can be made at the rear rim of the top shelf. Positioned in centre of compartment.	K8 -
	Cable aperture K9 13.0 x 1.6 cm It is possible to fit a cable aperture in a fitted shelf. The cable aperture can be made at the rear rim of the fitted shelf. Positioned in centre of compartment.	K9 -
	Cable aperture K20 silver-coloured; Ø 8.0 cm It is possible to fit a cable aperture in the partitions of the lowboard.	K20 -
	Subwoofer base cut-out section Base cut-out section 12 x 23.2 cm The sounds from the subwoofer pass out through the base cut-out section in the lowboard without hindrance. The exact position in the carcase is predetermined ex-works and cannot be altered.	14 -

Flat screen supports

<p>Flat screen support WTL6</p> <p>The flat screen support can be adjusted 3-dimensionally. It is suitable for flat screens with a screen diagonal of 102-216 cm (40"-85"); max. load: 45 kg. Suitable for Curved TV's.</p> <p>Flat screen support compatible with VESA Norm standard: min.: 200 x 200 mm max.: 600 x 400 mm</p> 	<p>Flat screen support THIN 545, ideally adaptable</p> <p>The flat screen support can be adjusted 3-dimensionally. It is suitable for flat screens with a screen diagonal of 81-140 cm (32"-55") and a maximum depth of 4.5 cm; max. load: 25 kg.</p> <p>Go to www.vogels.com to check if your flat screen can be fitted on this flat screen support. Enter the name THIN 545. After a few steps you can see if your flat screen TV is compatible with the flat screen support.</p> <p>Not suitable for Curved TV's.</p> <p>Flat screen support compatible with VESA Norm standard: min.: 100 x 100 mm max.: 600 x 400 mm</p> 	<p>Flat screen support THIN 515</p> <p>The flat screen support can be angled up to a max. 15°. It is suitable for flat screens with a screen diagonal of 102-165 cm (40"-65") and a maximum depth of 5.0 cm; max. load: 25 kg.</p> <p>Go to www.vogels.com to check if your flat screen can be fitted on this flat screen support. Enter the name THIN 515. After a few steps you can see if your flat screen TV is compatible with the flat screen support.</p> <p>Not suitable for Curved TV's.</p> <p>Flat screen support compatible with VESA Norm standard: min.: 100 x 100 mm max.: 600 x 400 mm</p> 
for fitting anywhere on walls	for fitting anywhere on walls	for fitting anywhere on walls
9704	9304	9504
-	-	-

4 Raster sideboards



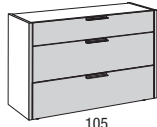
Cover shelf of sideboards optionally available in **concrete grey** and **bronze** versions (without surcharge). Please state clearly in the order!

4 Raster sideboards

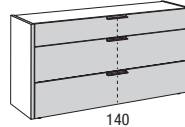
71.8 cm high
(73.6 cm high incl. 1.8 cm high
plinth adjusters),
45.0 cm deep

Interior fittings, handles:
See here the information on
page 3

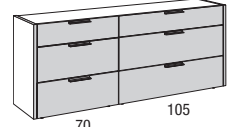
Accessories: see pages 21-22



105
111.0 cm wide



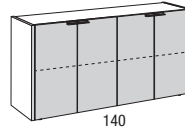
140
146.2 cm wide



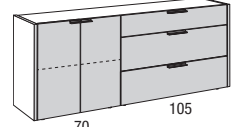
70 105
181.4 cm wide

2

	3 drawers	1 flap (centre), 2 drawers	3 drawers	1 flap (centre), 2 drawers	6 drawers	2 flaps (centre), 4 drawers
as illustr. v. versa	41111	41118	41411	41418	418111 418112	418181 418182
Price gr.	-	-	-	-	-	-
I	-	-	-	-	-	-
II	-	-	-	-	-	-



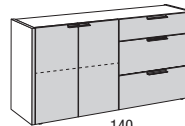
140
146.2 cm wide



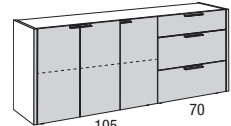
70 105
181.4 cm wide

2

			4 doors	4 folding-doors	2 doors; 3 drawers	2 doors; 1 flap (centre), 2 drawers
as illustr. v. versa			41413	41414	418131 418132	418231 418232
Price gr.			-	-	-	-
I			-	-	-	-
II			-	-	-	-



140
146.2 cm wide



105 70
181.4 cm wide

2

			2 doors; 3 drawers	2 doors; 1 flap (centre), 2 drawers	3 doors; 3 drawers	3 doors; 1 flap (centre), 2 drawers
as illustr. v. versa			414131 414132	414231 414232	418331 418332	418431 418432
Price gr.			-	-	-	-
I			-	-	-	-
II			-	-	-	-

Metal substructure

19.4 cm high

Units can be placed optionally
on a metal substructure. In this
case the plinth adjusters are
omitted.

Metal substructure optionally
in high-gloss chrome, antique
silver or bronze. Please state
the required version clearly in
the order!



for 111.0 cm width



for 146.2 cm width



for 181.4 cm width

	2101	2141	2181
	-	-	-

4 Raster sideboards

Notes on delivery:
Please see here the information on range introduction pages.

1
2

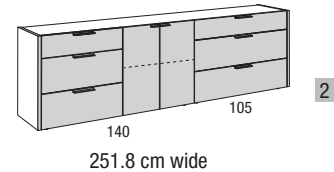
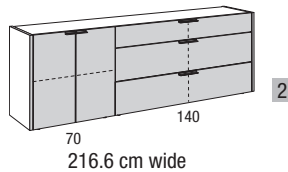
FENA

4 Raster sideboards

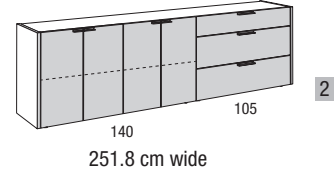
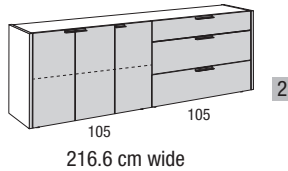
71.8 cm high
(73.6 cm high incl. 1.8 cm high plinth adjusters),
45.0 cm deep

Interior fittings, handles:
See here the information on page 3

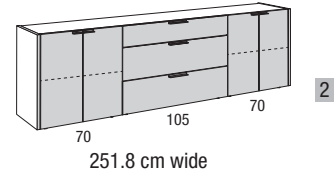
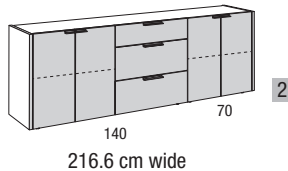
Accessories: see pages 21-22



	2 doors; 3 drawers	2 doors; 1 flap (centre), 2 drawers	6 drawers; 2 doors	2 flaps (centre), 4 drawers; 2 doors
as illustr. v. versa	421141 421142	421241 421242	425131 425132	425231 425232
Price gr.	-	-	-	-
I	-	-	-	-
II	-	-	-	-



	3 doors; 3 drawers	3 doors; 1 flap (centre), 2 drawers	4 doors; 3 drawers	4 doors; 1 flap (centre), 2 drawers	4 folding-doors; 3 drawers	4 folding-doors; 1 flap (centre), 2 drawers
as illustr. v. versa	421341 421342	421441 421442	425141 425142	425341 425342	425241 425242	425441 425442
Price gr.	-	-	-	-	-	-
I	-	-	-	-	-	-
II	-	-	-	-	-	-



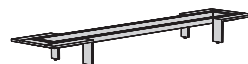
	4 doors; 3 drawers	4 doors; 1 flap (centre), 2 drawers	4 doors; 3 drawers	4 doors; 1 flap (centre), 2 drawers
Price gr.	42113	42123	42513	42523
I	-	-	-	-
II	-	-	-	-

Metal substructure

19.4 cm high

Units can be placed optionally on a metal substructure. In this case the plinth adjusters are omitted.

Metal substructure optionally in high-gloss chrome, antique silver or bronze. Please state the required version clearly in the order!



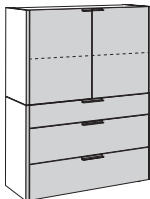

for 216.6 cm width



for 251.8 cm width

	2211	2251
	-	-


8 Raster highboard

<div><div>8 Raster highboard</div><div>143.8 cm high (145.6 cm high incl. 1.8 cm high plinth adjusters), 45.0 cm deep</div><div>Interior fittings, handles: See here the information on page 3</div><div>Metal substructure 19.4 cm high</div><div>Units can be placed optionally on a metal substructure. In this case the plinth adjusters are omitted.</div><div>Metal substructure optionally in high-gloss chrome, antique silver or bronze. Please state the required version clearly in the order!</div></div>				
	111.0 cm wide			
		2 doors; 3 drawers	2 doors; 1 flap (centre), 2 drawers	
		8103	8108	2101
Price gr. I II	- -	- -	-	

12 Raster cabinet



Rear wall in the glass section of the cabinet available in all versions (without surcharge). Please state clearly in the order!

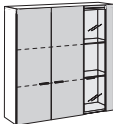
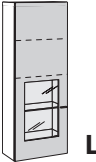

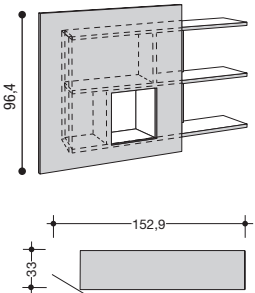
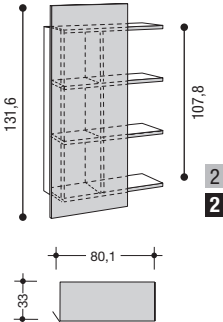
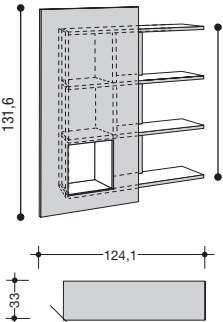
<div><div>12 Raster cabinet</div><div>211.2 cm high (213.0 cm high incl. 1.8 cm high plinth adjusters), 44.7 cm deep</div><div>Interior fittings, handles: See here the information on page 3</div><div>Accessories: see pages 21-22</div></div>		
	52.8 cm wide	
	1 door/glass door	
	125041 L 125042 R	
Price gr. I II	- -	

Wall units





Notes on delivery:
Please see here the information on range introduction pages.

Assembly notes for wall units:
Please be sure to note here the information and notes in the "Wall composition" chapter!




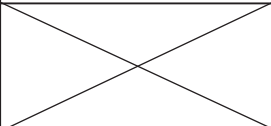
FENA

6 Raster wall unit 105.6 cm high 32.8 cm deep 8 Raster wall unit 140.8 cm high 32.8 cm deep Max. load: 40 kg Wall units or wall assembly: See here the information on page 3	6 Raster wall unit		8 Raster wall unit	
				
	105.6 cm wide		52.8 cm wide	
as illustr. v. versa Price gr. I II	2 doors; 1 glass door		1 door with glass section	
	610241 610242		85041 L 85042 R	
	-		-	
4 Raster wall units max. 96.4 cm high 33.0 cm deep Consisting of 1 hinge-door, 1 rear wall panel, 3 shelves, 1 outer side section and 3 centre partitions Max. load: 25 kg Wall units or wall assembly: See here the information on page 3				
	1 door with cut-out section		1 door	
	41511 41512		41501 41502	
6 Raster wall units max. 131.6 cm high 33.0 cm deep Consisting of 1 hinge-door, 1 rear wall panel, 4 shelves, 1 outer side section and 3 centre partitions Max. load: 25 kg Wall units or wall assembly: See here the information on page 3				
	1 door		1 door with cut-out section	
	60811 60812		61211 61212	
as illustr. v. versa Price gr. I II	-		-	
	-		-	
	-		-	





Wall shelves







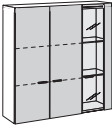
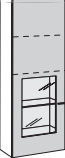




Wall shelves 2.9 cm thick 23.4 cm deep for fitting anywhere on walls Integrated LED spotlamps (see page 22) and LED lamps (see below) are possible from 70.4 cm width.				
				
	52.8 cm wide	70.4 cm wide	105.6 cm wide	140.8 cm wide
	5224	7024	1024	1424
Price gr.	-	-	-	-
I	-	-	-	-
II	-	-	-	-

LED lamps for wall shelves

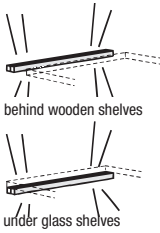


LED lamps for wall shelves LED lamps incl. foot switch. A radio remote control is possible for operating the LED lamps (against a surcharge; see page 22) This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V				
		3.2 W	6.3 W	10.2 W
				
	for 52.8 cm width	for 70.4 cm width	for 105.6 cm width	for 140.8 cm width
		705	105	145
		-	-	-

Accessories for drawers


	for 35 cm front width	for 52 cm front width	for 70 cm front width	for 105 cm front width	for 1/2 drawer, 140 cm wide
 Tableau lined with grey fabric	8624	8625	8626	8627	8626
	-	-	-	-	-
  Cutlery box of metal, lined with grey fabric inside; incl. compartments	17.6 cm wide		35.2 cm wide		
	855		856		
	-		-		
 Cutlery holder lined with grey fabric, for fitting in drawers Set 1: for 60 pieces of cutlery Set 2: for 17 serving utensils	Set 1: for standard cutlery like spoons, forks, knives, etc.		Set 2: for sauce ladles, cake forks, cake servers, etc.		
	116		117		
	-		-		

		for 35 cm front width	for 52 cm front width	for 70 cm front width and 1/2 compartment of 140 cm front width	for 105 cm front width
 Fitted shelf 1.9 cm thick	behind doors	134 -	154 -	174 -	1104 -
	behind flaps		1548 -	1748 -	
 Fitted shelf for 12 Raster cabinet 1.9 cm thick (wooden shelf) resp. 0.8 cm thick (glass shelf)					
	 Wooden shelf		 Glass shelf		
	154 -		354 -		
 Fitted shelf for 6 and 8 Raster wall unit 1.9 cm thick (wooden shelf) resp. 0.8 cm thick (glass shelf)					
	wide fitted shelf		short fitted shelf		
	 Wooden shelf		 Glass shelf		 Wooden shelf
	Price gr. I II	173 - -	333 - -	Price gr. I II	153 - -
				 Glass shelf	353 - -

Lamps

This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V		LED lamps incl. foot switch. A radio remote control is possible for operation (against a surcharge).	
		for 35 cm front width	for 52 cm front width
 <p>LED light panel 1.9 cm thick, 3.0 cm deep; for fitting in units</p>		2.4 W	3.5 W
		363 -	523 -
 <p>LED glass rim lamp 1.0 cm thick, 1.1 cm deep; LED light strip in aluminium profile, for fitting behind fitted glass shelves</p>		2.4 W	3.5 W
		364 -	524 -
 <p>Integrated LED spotlamp Ø 7.1 cm</p>		2.9 W	
		7941 -	

Radio remote control with change of colour temperature

<p>The lamps are normally operated by an external foot switch. The colour temperature of the LED lamps is cold white if a foot switch is used. A 4-channel radio remote control is also available as an alternative, which is charged extra. Several lamps can be operated with each of the 4 channels. All 4 channels can be dimmed separately at the push of a button. The colour temperature of all 4 channels can be set to any level from cold white (approx. 6500 kelvin = the basic setting of the LED lamps) to warm white (approx. 2700 kelvin). If warm white is required, a radio remote control must be ordered. It is also possible to switch all channels on and off simultaneously with the “all on” or “all off” buttons. The radio remote control consists of one transmitter and one receiver. If several receivers are required because of the arrangement of the units, these and the corresponding cables are provided ex-works (no surcharge). The foot switch is omitted when the radio remote control is used.</p>	
	<p>2119 -</p>

DINING

hülsta offers a room concept to meet all requirements in comfort, beauty of form and attractiveness with a comprehensive collection of dining room tables and chairs.

The **dining tables** in a wide variety of sizes (with and without pullout function) in all wood surface versions and in contemporary designs, as well as the **dining chairs** that can be combined individually using different armrests, comfort features, high-grade cover fabrics (leather, textiles) and metal surfaces can all be found in the **“DINING”** type list.



Coffee tables CT 180

Coffee tables CT 180

The **CT 180** coffee table in sizes of 111 x 47.6 cm and 111 x 111 cm provides one or two drawers which are opened in opposite directions.

You will find the CT 180 coffee table as well as other coffee tables in the **“Coffee tables”** type list.



Coffee tables

Coffee tables

hülsta offers a comprehensive **collection of coffee tables**, which not only match the hülsta furniture ranges perfectly but can also be combined with other products that are available on the market. You will find these coffee tables in a number of designs, sizes and versions in the **“Coffee tables”** type list.



Radio remote control with change of colour temperature

The lamps are normally operated by an external foot switch. The colour temperature of the LED lamps is cold white if a foot switch is used. A 4-channel radio remote control is also available as an alternative, which is charged extra. Several lamps can be operated with each of the 4 channels. All 4 channels can be dimmed separately at the push of a button. The colour temperature of all 4 channels can be set to any level from cold white (approx. 6500 kelvin = the basic setting of the LED lamps) to warm white (approx. 2700 kelvin). If warm white is required, a radio remote control must be ordered. It is also possible to switch all channels on and off simultaneously with the "all on" or "all off" buttons. The radio remote control consists of one transmitter and one receiver. If several receivers are required because of the arrangement of the units, these and the corresponding cables are provided ex-works (no surcharge). The foot switch is omitted when the radio remote control is used.

The following points must be noted with the radio remote control:

- The receiver must be positioned behind a rear wall or under plinth shelves (at least 20 mm space required under plinth shelves).
- The total wattage power of all lamps included per receiver must not exceed 30 W.
- 4 channels = 4 light groups
- 1 light group = x lights
- All lamps within a light group can be dimmed to the same brightness.
- The change of the colour temperature takes place for all lamps in all light groups.
- The radio remote control is not suitable for equipment operating on 110 V.

Please be sure to note the operating and programming instructions!

4-channel radio remote control with change of color temperature



4-channel radio remote control with change of color temperature

Type	2119	-
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Examples of use (schematic diagrams)

Example 1

Lights inside a unit

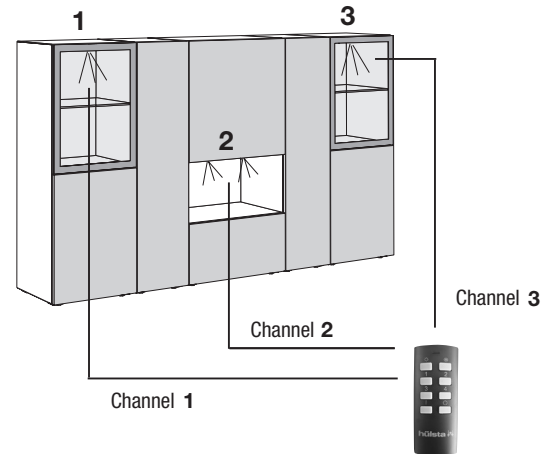
Channel 1 operates (and dims) all the lights in light group 1, i.e. the LED spotlight in the left cabinet

Channel 2 operates (and dims) all the lights in light group 2, i.e. the LED spotlamps in the open compartment

Channel 3 operates (and dims) all the lights in light group 3, i.e. the LED spotlight in the right cabinet

Notes:

The total wattage power of all lamps included per receiver must not exceed 30 W. The change of the colour temperature takes place for all lamps in all light groups.



Example 2

Lights in units set apart

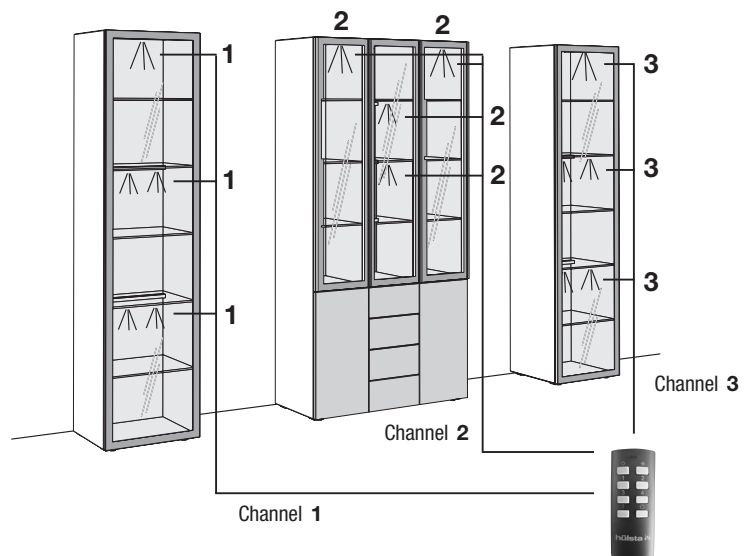
Channel 1 operates (and dims) all the lights in light group 1, i.e. the LED spotlight and the LED light panels in the left cabinet

Channel 2 operates (and dims) all the lights in light group 2, i.e. the LED spotlamps and the LED light panels in the centre cabinet

Channel 3 operates (and dims) all the lights in light group 3, i.e. the LED spotlight and the LED light panels in the right cabinet

Notes:

The total wattage power of all lamps included per receiver must not exceed 30 W. The change of the colour temperature takes place for all lamps in all light groups.



Example 3

Lights in units set apart

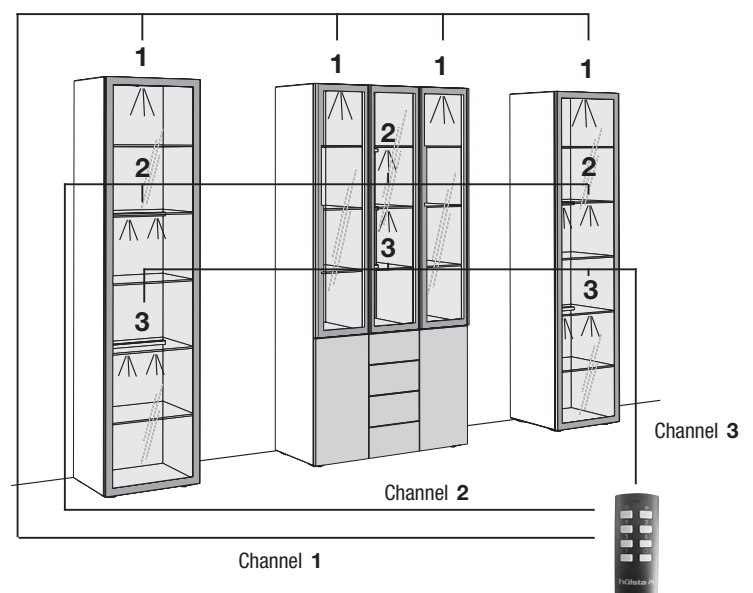
Channel 1 operates (and dims) all the lights in light group 1, i.e. the LED spotlamps in the left, centre and right cabinet

Channel 2 operates (and dims) all the lights in light group 2, i.e. the top LED light panels in the left, centre and right cabinet

Channel 3 operates (and dims) all the lights in light group 3, i.e. the bottom LED light panels in the left, centre and right cabinet

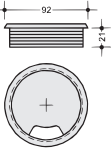
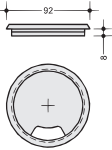
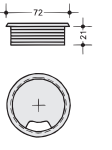
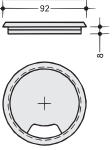
Notes:

The total wattage power of all lamps included per receiver must not exceed 30 W. The change of the colour temperature takes place for all lamps in all light groups.



Cable apertures

It is possible to provide the cover shelves, side sections, shelves, etc., in units from nearly all the hülsta living room ranges with cable apertures so it is easier to feed cables of electronic equipment through these units. There are four different types of cable apertures to choose from, as listed here. **Please be sure to follow the important notes.**

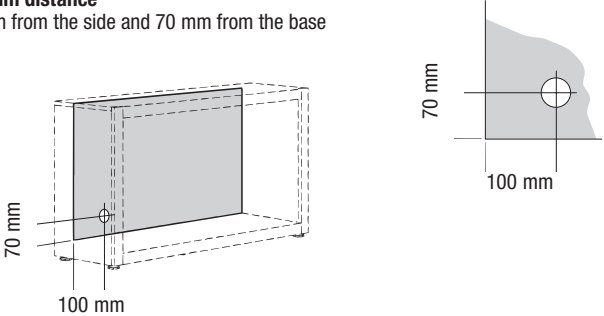
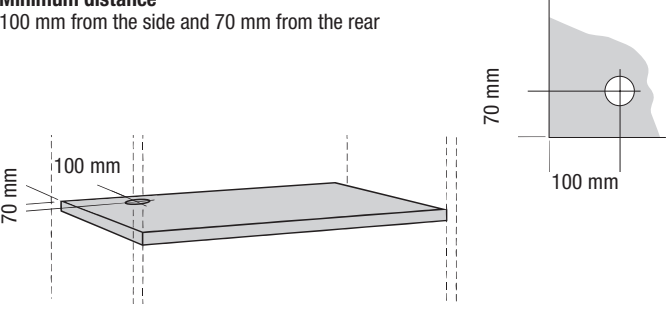
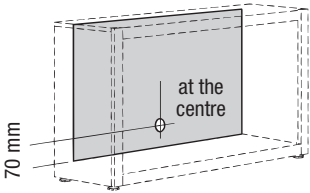
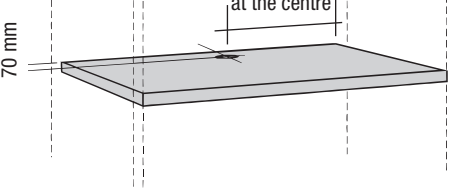
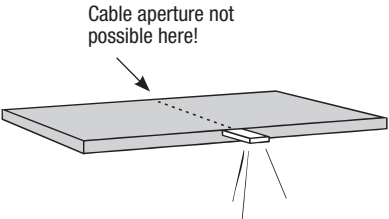
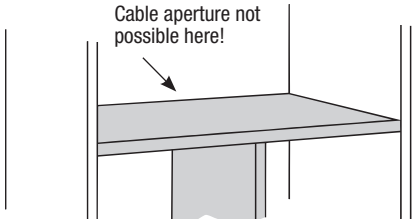
<p>Cable aperture K1</p> <p>Cable aperture for 80 mm hole, silver colour Standard cable aperture; particularly suitable for cover shelves, side sections and shelves</p> <p>Sizes: Assembly height: 21 mm Outside diameter: 92 mm Inside diameter: 74 mm Diameter of hole: 80 mm</p>  <div>K1</div>	<p>Cable aperture K2</p> <p>Cable aperture for 80 mm hole, silver colour particularly suitable for rear walls and side sections</p> <p>Sizes: Assembly height: 8 mm Outside diameter: 92 mm Inside diameter: 74 mm Diameter of hole: 80 mm</p>  <div>K2</div>	<p>Cable aperture K3</p> <p>Cable aperture for 60 mm hole, silver colour particularly suitable for shelves and constructional shelves (suitable to an extent for scart cables)</p> <p>Sizes: Assembly height: 21 mm Outside diameter: 72 mm Inside diameter: 54 mm Diameter of hole: 60 mm</p>  <div>K3</div>	<p>Cable aperture K20</p> <p>Cable aperture for 80 mm hole, silver colour particularly suitable for side-panels and centre partitions</p> <p>Sizes: Assembly height: 2x 8 mm Outside diameter: 92 mm Inside diameter: 74 mm Diameter of hole: 80 mm</p>  <div>K20</div>
---	---	---	---

IMPORTANT NOTES Please be sure to note!
Please be sure to state the **exact position** of the cable aperture in your order (always measure distances from the centre of the cable aperture). For **wall units** the cable aperture is only possible in the bottom position (due to the suspension brackets). With **cover shelves**, the position of the cable aperture is determined in the factory, in accordance with factors specific to the given range. The same applies to technical exceptions because of custom-based planning. The K 20 is positioned in the centre (depthwise) in the **side-panel**. Please state the exact height (centre of hole of cable aperture from bottom rim of side-panel)! Subject to technical progress.

The **minimum distance** for the cable aperture (measured from the inside): 100 mm from the side and 70 mm from the rear (for horizontal surfaces) or 100 mm from the side and 70 mm from the base (for vertical surfaces). Please state if the aperture is to be fitted at the left, at the right or in the centre.

Standard position: If no details of the exact position of the cable aperture are given in your order, the cable aperture is always fitted at the bottom centre or at the rear centre of the relevant surface, whereby the distances stated above still apply.

Caution! Please note that the cable aperture can not be fitted where there is an integrated or front spotlight, centre partitions or a split rear wall. **Please be sure to observe the following explanatory diagrams!**

for vertical surfaces	for horizontal surfaces
<p>Minimum distance 100 mm from the side and 70 mm from the base</p> 	<p>Minimum distance 100 mm from the side and 70 mm from the rear</p> 
<p>Standard position at the centre of the surface and 70 mm from the base</p> 	<p>Standard position at the centre of the surface and 70 mm from the rear</p> 
<p>Please note! If there is an integrated or front spotlight in a shelf, for example, the cable aperture cannot be fitted at this position!</p> 	<p>Please note! If there is a centre partition, for example, between two shelves, the cable aperture cannot be fitted at this position!</p> 

FENA

Special-sized products are possible on request.
Please get in touch with your customer advisor.

Special articles

Cover panels for side and top panelling of fitted wardrobes (support construction and fitting materials must be acquired on site).		
Basic price per order	9901	-
+ price per m ² lacquer or veneer	990	-
Veneer match with fronts can not be guaranteed.		
 Individual special-sized products If the special-sized product that you require is so unusual that it cannot be illustrated with the many special sized products that we already provide and charge for, then we will quote you the price using a 33 unit type factor. In your order please state for us the relevant enquiry number and the 33 unit type factor stated.		
	33	-
 Special colours; Note on „Blue Angel“ / Emissions label of DGM		
Special colours All the hülsta lacquer colours are possible for nearly all the hülsta ranges. Availability and prices on request.		
Note on „Blue Angel“ (RAL-UZ 38) and Emissions label of DGM (Class A) It is possible that the requirements of the „Blue Angel“ and the DGM Emissions Label cannot be met by some of the lacquer colours in price groups III and IV (see here the different lacquer versions in the NEO range), depending on the colour mix (surface ratio of these colours in the corresponding order). However, the legal requirements are definitely met in all cases!		

Important notes

Wall composition / assembly instruction



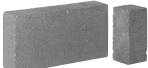

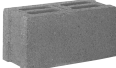


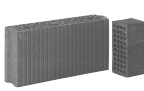
Important notes:
The composition of walls must be ascertained before concluding a contract and be checked by a qualified fitter before assembly takes place.

Assembly may only be carried out by a qualified fitter under careful observation of the assembly instructions.

The plastic Rawl plugs supplied by hülsta as a standard set are only suitable for concrete \geq C12/15, if the wall composition and compression strength corresponds to the table below. Under no circumstances must a unit be assembled on light masonry.

Furthermore, we provide a mounting set with assembly mortar for the types of walls listed below (see assembly mortar set below). Again, assembly must be carried out by a qualified fitter under careful observation of the wall composition and assembly instruction. The compression strength levels stated below must be met under all circumstances.

Materials table
with a description of which sets are to be used with the following types of walls:

Standard set	Assembly mortar set only suitable for the materials stated below!			
Concrete C12/15 Compression strength \geq 15 N/mm ² 		Building bricks Mz 12 Compression strength \geq 12 N/mm ²		Solid blocks of light concrete V2 Compression strength \geq 2 N/mm ²
		Limestone blocks KS 12 Compression strength \geq 12 N/mm ²		Perforated blocks of light concrete Hbl 2 Compression strength \geq 2 N/mm ²
		Perforated sand lime bricks KSL12 Compression strength \geq 12 N/mm ²		Aerated concrete PP2 Compression strength \geq 2 N/mm ²
		Vertically perforated bricks HLz 12 Compression strength \geq 12 N/mm ² Bulk density \geq 1.0 kg/dm ³		

A different and more suitable type of mounting must be chosen by a qualified fitter in all other cases. hülsta cannot accept any responsibility for the choice of any other types of mounting! Please note that if the units are not mounted properly on the wall, there is a risk of the units falling down or tipping over – especially when alternative mounting materials acquired on site have been used. Generally speaking, you as a dealer/qualified fitter are responsible for the correct wall mounting of the units.



Mounting sets

Labelling in type list drawings / assembly notes for wall units
The majority of units have two wall mounting points (= number of support boards), if these are to be fitted as wall units. This is not explicitly mentioned in the type list. If a different number of wall mounting points (= support boards) is required, this is marked in the drawings in the type list with numbers in black boxes. Every support board requires four mounting screws.

- 3** = 3 support boards
- 4** = 4 support boards, etc.

One **assembly mortar set** is sufficient for up to a maximum of 3 support boards or 4 wall side-panels.

Important note: Depending on the composition of the wall (see wall types illustrated above), assembly must be carried out using the special assembly mortar set and a standard trade mastic tool which are the basic essentials for safe and clean workmanship.

Standard set The standard set consists of 4 plastic Rawl plugs and 4 mounting screws and is sufficient for 1 support board. The standard sets are included in the packet of fittings to match the number of support boards.		
Assembly mortar set for up to a maximum of 3 support boards consisting of: 9x injection retaining sleeve 9x screw-in sleeve 1x injection cartridge 2x static mixer 1x assembly instructions Please use the mounting screws from the standard set (supplied free of charge).	Example of order: <ul style="list-style-type: none">Add up number of support boards for all existing unit typesDivide the sum by “3”Round up the result to a full number = Number of assembly mortar sets required	M2 -

Your Hotline to hülsta

Do you have any questions or require any alterations to your order confirmation?
Do you have any questions on our products or your current order?
Do you have any complaints about supplied goods or required replacement parts?
Contact Telephone: +49 (0) 2563 / 86-1627 • email: orders@huelsta.com

Do you have any questions, suggestions or wishes for the **hülsta product seminars**?
Contact Telephone: +49 (0) 2563 / 86-1493 • email: seminare@huelsta.com

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Fax: +49 (0) 2563 / 86-1000
Mail: Planungsservice-Handel@huelsta.com
Mondays to fridays from 9.00 a.m. until 5.00 p.m.

Special wishes? Come to us!

Maximum individuality! – Maximal flexibility! – hülsta makes most of your special wishes possible.
And if you do have a wish which is not quite so easy to implement, just give us a call or send us a mail or a fax. We have our own hülsta "Special Wishes Team" who are there to help you realise just these customer requests. These colleagues are professionals when it comes to special products. They plan and calculate the products possible for you and even develop an alternative suggestion if the idea should turn out to be technically impossible.

Here is an overview of the hülsta range of special wishes:

- A lot of special products can be ordered simply via the type list
- Special-sized products are planned simply and professionally
- Competent colleagues advise you by phone, by fax and by mail
- You will be sent alternative suggestions if the idea is technically impossible
- Many special-sized products are available without a surcharge
- Specially qualified carpenters and technicians implement your plans perfectly

hülsta Special Wishes Team
Tel.: +49 (0) 2563 / 86-1060
Fax: +49 (0) 2563 / 86-1000
Mail: Sonderwunsch@huelsta.com

We are open Saturdays for you, too!

Our **Saturday hotline** is available from **10.00 a.m. until 5.00 p.m.**

Telephone: +49 (0) 2563 / 86-1800

The hülsta Sales Department is available
mondays to fridays from 9.00 a.m. until 5.00 p.m.

hülsta FENA Wohnen

Stand: E 9. 2021

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