

# FONIS LIVING





# FONIS

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## Pieces of art

These expressive soloists, which are both subtle and luxurious, also work perfectly in an ensemble – because they stand out without being overpowering. The cubes from the exclusive Fonis range are tapered into slim frames to create elegant fronts in smooth matt lacquer. The most eye-catching highlight, however, is the delicate frame that supports every unit.

### Monumental light-heartedness

Above all, you will love Fonis for its uncompromising design. The elaborate architecture creates entirely new, balanced perspectives using shapes, proportions, colours and materials.

### Individual pieces in your favourite colour

Whichever colour you prefer, we can manufacture individual units in exactly that shade. In addition to standard colours, which are actually not that standard, every imaginable colour from the Natural Colour System is also available.

### Soloists in an ensemble

The wide choice of shapes and colours makes it easy to create a stylish interior design with these striking soloists: from a compact living room combination to an airy designer solution featuring sideboards and wall-mounted shelves.

### And then there was light and sound

The exclusive Fonis range includes integrated solutions for lighting in open compartments and glass cabinets as well as the operation of electronics concealed within the lowboard: The remote-controlled LED lighting with colour change and the smart IR repeater set provide the finishing touch to this design concept.

## Lists of versions

| Version no. | Carcase and front                                     | Price group | Version no. | Metal substructure and frame profile | Price group |
|-------------|---|-------------|-------------|--------------------------------------|-------------|
| <b>1058</b> | Pure white lacquer                                    | I           | <b>2332</b> | Quartz structured lacquer            | I           |
| <b>1685</b> | Grey lacquer  | I           | <b>2333</b> | Anthracite structured lacquer        | I           |
| <b>2208</b> | Silk grey lacquer                                     | I           |             |                                      |             |
| <b>0664</b> | Anthracite lacquer                                    | I           | <b>0464</b> | High-gloss chrome                    | II          |
| <b>RALM</b> | Free colour choice according to the RAL colour system | III         |             |                                      |             |

### Changing versions

Colour combinations within individual units are possible. In this case please state the model number clearly and separately in the order! If versions from different price groups are exchanged, the higher price group is always charged.

### Free colour choice according to the RAL colour system

## The RAL colour system

Determine almost any desired colour and colour combination yourself – it's easy with the RAL colour system. RAL colours are standardised colours that are assigned a unique number and are used in a number of colour systems and colour catalogues that are used worldwide. No matter which colour you choose: every colour trend finds the ideal application in this collection from hülsta.

### 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, 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

### Glass versions:

Glass fronts, glass shelves behind fronts and glass shelves of bookshelves of clear glass.

### Metal substructures, frame profiles:

Metal substructures and frame profiles in quartz structured lacquer, anthracite structured lacquer or high-gloss chrome. Please state the required version clearly in the order! Metal substructures incl. plinth adjusters.

### Standard interior fittings:

Fitted wooden shelves are fitted behind doors at 2 Raster intervals and fitted glass shelves are fitted behind glass doors.

**Drawer frames** in standard 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.

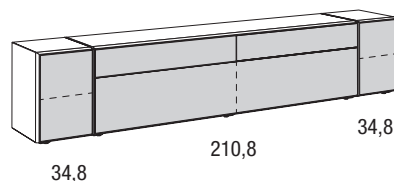
**Please also note any existing maximum load information for individual units which may be stated later, the general load information for wall units as well as the important notes on the quality of walls at the end of this type list.**

**hülsta-Push-to-open:** Drawers, flaps and doors with hülsta Push-to-open

## Information on the sketches

### Split drawer frames:

Split drawer frames are used for drawers in front widths of 140.4 cm, 175.6 cm and 210.8 cm (the partitions are shown by dotted lines in the sketches). The front widths of the drawers are illustrated at the sketches of the units so that you can order suitable accessories for the drawers.



## Wall units

If lowboards are included as wall units, a maximum load per unit of 15 kg per metre must not be exceeded for reasons of stability! Max. load 15 kg per metre:

181.8 cm width: 25 kg

217.0 cm width: 30 kg

252.2 cm width: 30 kg

287.4 cm width: 35 kg

The wall units can only be fitted on absolutely solid walls. Light masonry is not suitable for this purpose.

For each project please remember to leave a 2.0 cm gap at the top to be able to mount units.

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!

Notes on delivery

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 4

**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.

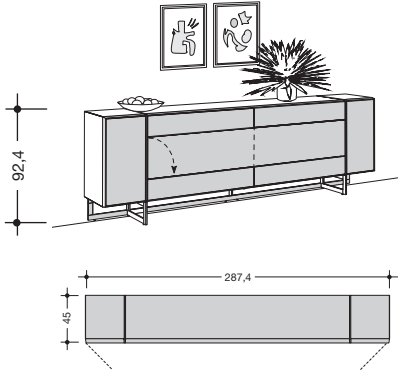
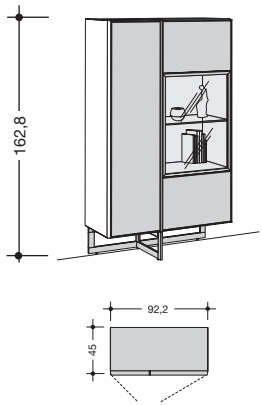
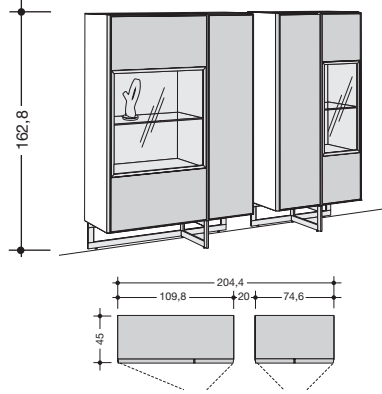
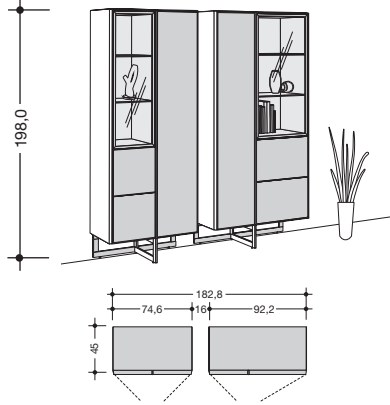
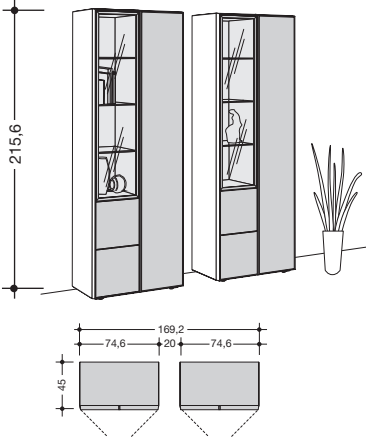
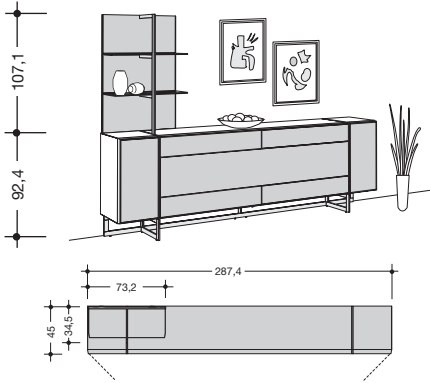
The fronts with the number **2** are delivered separately and can therefore always be (dis-) assembled.

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.

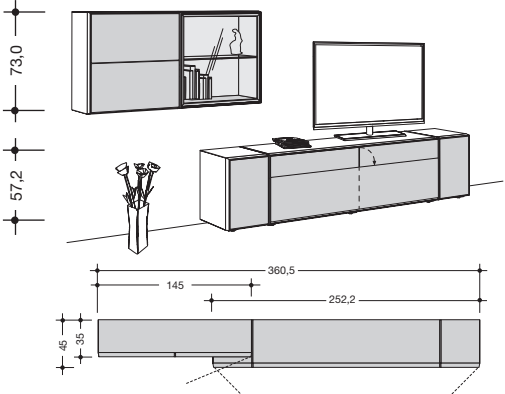
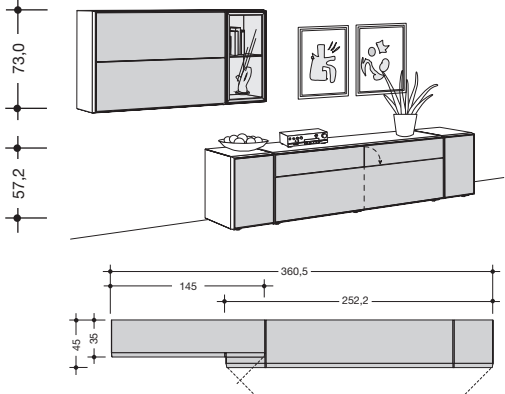
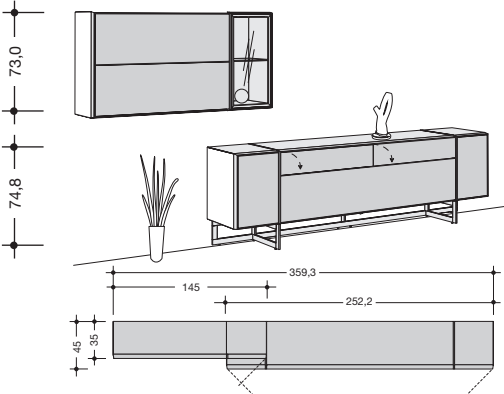
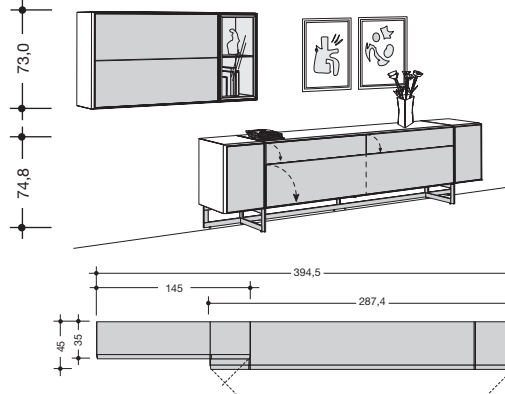
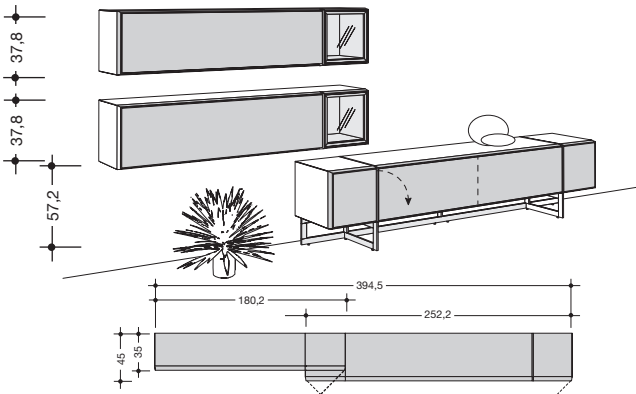
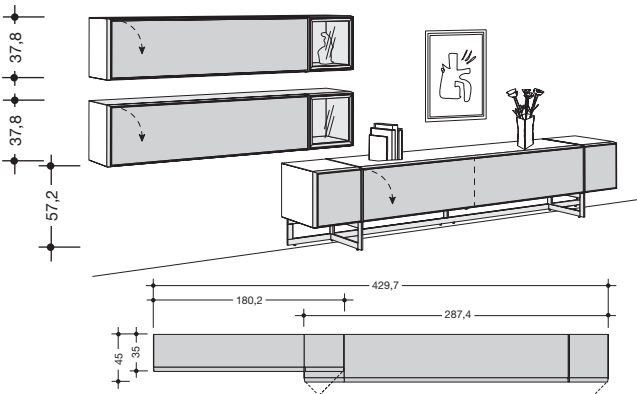


As an alternative to planning an individual unit from the complete range there is the possibility of choosing from specially suggested combinations. This eases planning. Incorporating accessories can enhance the suggested combinations. These are charged extra.

|   |                  |   |  |
|---|------------------|---|--|
|  <p>Surcharge for frame profile and metal substructure in high-gloss chrome -</p>  |                  |  <p>Surcharge for frame profile and metal substructure in high-gloss chrome -</p>  |  |
| as illustr.<br>v. versa   | 980006           | 980013<br>981013  |  |
| Price gr.<br>I<br>III   | -<br>-           | -<br>-  |  |
|  <p>Surcharge for frame profile and metal substructure in high-gloss chrome -</p> |                  |  <p>Surcharge for frame profile and metal substructure in high-gloss chrome -</p>  |  |
| as illustr.<br>v. versa   | 980002<br>981002 | 980007<br>981007  |  |
| Price gr.<br>I<br>III   | -<br>-           | -<br>-  |  |
|  <p>Surcharge for frame profile in high-gloss chrome -</p>                       |                  |  <p>Surcharge for frame profile and metal substructure in high-gloss chrome -</p> |  |
| as illustr.<br>v. versa   | 980009<br>981009 | 980012<br>981012  |  |
| Price gr.<br>I<br>III   | -<br>-           | -<br>-  |  |

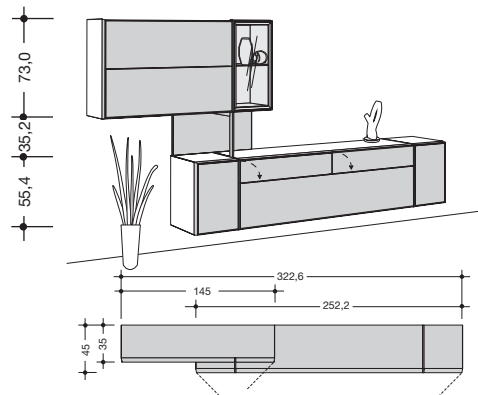
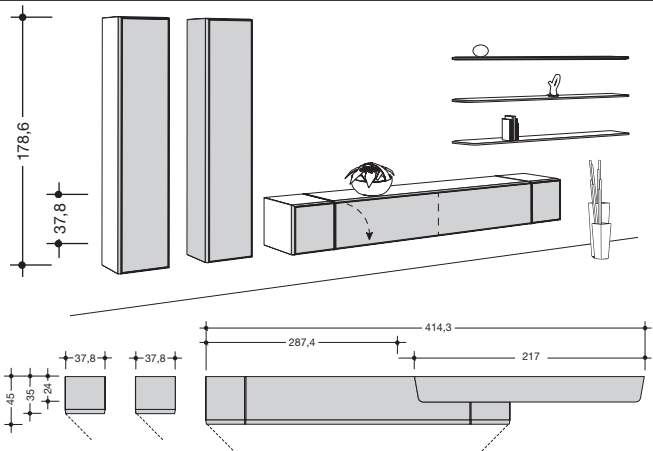
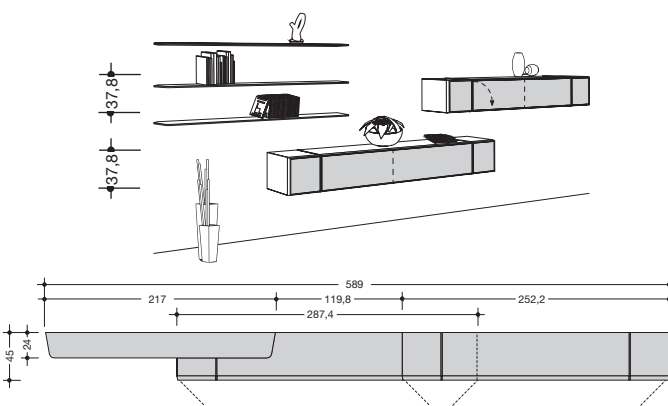
# Suggested combinations

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.

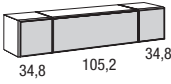
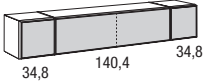
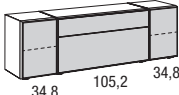
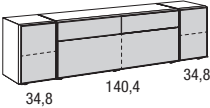
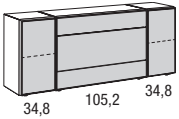
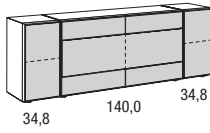


|  |                                |   |                                |
|--|--------------------------------|---|--------------------------------|
|  <p>Surcharge for frame profile in high-gloss chrome -</p>                          |                                |  <p>Surcharge for frame profile in high-gloss chrome -</p>                          |                                |
| as illustr.<br>v. versa  | <b>980014</b><br><b>981014</b> | as illustr.<br>v. versa   | <b>980015</b><br><b>981015</b> |
| Price gr.<br>I<br>III  | -<br>-                         | Price gr.<br>I<br>III   | -<br>-                         |
|  <p>Surcharge for frame profile and metal substructure in high-gloss chrome -</p>  |                                |  <p>Surcharge for frame profile and metal substructure in high-gloss chrome -</p>  |                                |
| as illustr.<br>v. versa  | <b>980003</b><br><b>981003</b> | as illustr.<br>v. versa   | <b>980010</b><br><b>981010</b> |
| Price gr.<br>I<br>III  | -<br>-                         | Price gr.<br>I<br>III   | -<br>-                         |
|  <p>Surcharge for frame profile and metal substructure in high-gloss chrome -</p> |                                |  <p>Surcharge for frame profile and metal substructure in high-gloss chrome -</p> |                                |
| as illustr.<br>v. versa  | <b>980016</b><br><b>981016</b> | as illustr.<br>v. versa   | <b>980004</b><br><b>981004</b> |
| Price gr.<br>I<br>III  | -<br>-                         | Price gr.<br>I<br>III   | -<br>-                         |



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|  |                  |  |  |
|--|------------------|--|--|
|  <p>Surcharge for frame profile in high-gloss chrome -</p>  |                  |  <p>Surcharge for frame profile in high-gloss chrome -</p> |  |
| as illustr.<br>v. versa  | 980001<br>981001 | 980005<br>981005   |  |
| Price gr.<br>I<br>III  | -<br>-           | -<br>-   |  |
|  <p>Surcharge for frame profile in high-gloss chrome -</p> |                  |  |  |
| as illustr.<br>v. versa  | 980011<br>981011 |  |  |
| Price gr.<br>I<br>III  | -<br>-           |  |  |

# Lowboards and sideboards

|   |   |                       |   |   |   |  |  |   |
|---|---|-----------------------|---|---|---|--|--|---|
| <b>Lowboards</b><br>37.8 cm high<br>(39.6 cm high incl. 1.8 cm high plinth adjusters),<br>45.0 cm deep  | Surcharge for frame profile in high-gloss chrome<br>-   |                       |   |   |   |  |  |   |
|   | <br>181.8 cm wide        |                       |   |   | <br>217.0 cm wide        |  |  |   |
|   | Flap hinge at bottom  |                       | 1 door; 1 drawer; 1 door                                  | 1 door; 1 flap; 1 door                                      | 1 door; 1 drawer; 1 door  | 1 door; 1 flap; 1 door   |  |   |
|   |   |                       | <b>21811</b>  | <b>21818</b>  | <b>22111</b>  | <b>22118</b>   |  |   |
| <b>Lowboards</b><br>55.4 cm high<br>(57.2 cm high incl. 1.8 cm high plinth adjusters),<br>45.0 cm deep  | Surcharge for frame profile in high-gloss chrome<br>-   |                       |   |   |   |  |  |   |
|   | <br>181.8 cm wide        |                       |   |   | <br>217.0 cm wide        |  |  |   |
|   | Flap hinge at bottom  |                       | Left: 1 door<br>Centre: 1 flap<br>Right: 1 door           | Left: 1 door<br>Centre: 1 drawer<br>Right: 1 door           | Left: 1 door<br>Centre: 2 flaps<br>Right: 1 door  | Left: 1 door<br>Centre: 1 drawer, 1 flap<br>Right: 1 door            | Left: 1 door<br>Centre: 1 flap, 1 drawer<br>Right: 1 door            | Left: 1 door<br>Centre: 2 drawers<br>Right: 1 door            |
|   |   |                       | <b>31828</b>  | <b>31818</b>  | <b>32128</b>  | <b>32138</b>   | <b>32148</b>   | <b>32118</b>  |
| <b>Sideboards</b><br>73.0 cm high<br>(74.8 cm high incl. 1.8 cm high plinth adjusters),<br>45.0 cm deep   | Centre below: Flap  | Price gr.<br>I<br>III | -<br>-  | -<br>-  | -<br>-  | -<br>-   | -<br>-   | -<br>-  |
|   | Centre below: Drawer  | Price gr.<br>I<br>III | -<br>-  | -<br>-  | -<br>-  | -<br>-   | -<br>-   | -<br>-  |
|   |   |                       | <b>31821</b>  | <b>31811</b>  | <b>32121</b>  | <b>32131</b>   | <b>32141</b>   | <b>32111</b>  |
|   |   |                       | -<br>-  | -<br>-  | -<br>-  | -<br>-   | -<br>-   | -<br>-  |
| <b>Sideboards</b><br>73.0 cm high<br>(74.8 cm high incl. 1.8 cm high plinth adjusters),<br>45.0 cm deep   | Surcharge for frame profile in high-gloss chrome<br>-   |                       |   |   |   |  |  |   |
|   | <br>181.8 cm wide      |                       |   |   | <br>217.0 cm wide      |  |  |   |
|   | Flap hinge at bottom  |                       | Left: 1 door<br>Centre: 1 flap; 1 drawer<br>Right: 1 door | Left: 1 door<br>Centre: 1 drawer; 1 drawer<br>Right: 1 door | Left: 1 door<br>Centre: 2 flaps; 2 drawers<br>Right: 1 door   | Left: 1 door<br>Centre: 1 drawer, 1 flap; 2 drawers<br>Right: 1 door | Left: 1 door<br>Centre: 1 flap, 1 drawer; 2 drawers<br>Right: 1 door | Left: 1 door<br>Centre: 2 drawers; 2 drawers<br>Right: 1 door |
|   |   |                       | <b>41828</b>  | <b>41818</b>  | <b>42128</b>  | <b>42138</b>   | <b>42148</b>   | <b>42118</b>  |
| <b>Metal substructure</b><br>incl. plinth adjusters; 19.4 cm high<br><br>The units can be planned optionally on a metal substructure.<br>In this case the plinth adjusters are omitted. | Centre: Flap  | Price gr.<br>I<br>III | -<br>-  | -<br>-  | -<br>-  | -<br>-   | -<br>-   | -<br>-  |
|   | Centre: Drawer  | Price gr.<br>I<br>III | -<br>-  | -<br>-  | -<br>-  | -<br>-   | -<br>-   | -<br>-  |
|   |   |                       | <b>41821</b>  | <b>41811</b>  | <b>42121</b>  | <b>42131</b>   | <b>42141</b>   | <b>42111</b>  |
|   |   |                       | -<br>-  | -<br>-  | -<br>-  | -<br>-   | -<br>-   | -<br>-  |
| <b>Wall bracket:</b> If units are to be included as wall units or stacked on top of one another, a wall bracket must be ordered.  | Surcharge for frame profile in high-gloss chrome<br>-   |                       |   |   |   |  |  |   |
|   | <br>for 181.8 cm width |                       |   |   | <br>for 217.0 cm width |  |  |   |
|   |   |                       | <b>2181</b>   | <b>2211</b>   |   |  |  |   |
|   |   |                       | -<br>-  | -<br>-  |   |  |  |   |
| <b>Wall bracket:</b> If units are to be included as wall units or stacked on top of one another, a wall bracket must be ordered.  | Surcharge for frame profile in high-gloss chrome<br>-   |                       |   |   |   |  |  |   |
|   |   |                       | <b>2183</b>   | <b>2213</b>   |   |  |  |   |
|   |   |                       | -<br>-  | -<br>-  |   |  |  |   |
|   |   |                       | -<br>-  | -<br>-  |   |  |  |   |



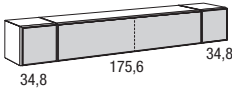
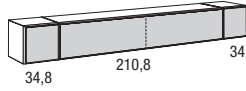
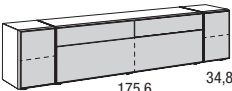
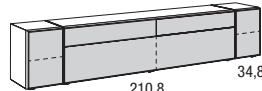
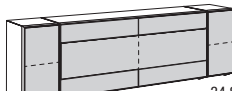
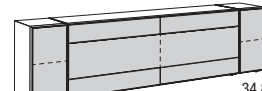


**Notes on delivery:**  
Please see here the information on range introduction pages.

1  
2

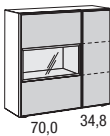
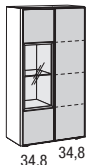
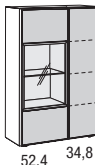





**Assembly notes for wall units:**  
Please be sure to note here the information and notes in the "Wall composition" chapter!

3  
4

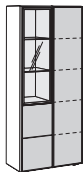
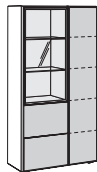


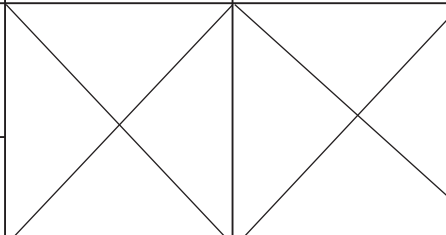
**FONIS**

|   |  |                       |   |   |   |  |   |   |   |  |
|---|--|-----------------------|---|---|---|--|---|---|---|--|
| Surcharge for frame profile in high-gloss chrome<br>- |  |                       |   |   |   |  |   |   |   |  |
|   |  |                       | <br>252.2 cm wide        |   |   |  | <br>287.4 cm wide        |   |   |  |
| Flap hinge at bottom                                  |  |                       | 1 door; 1 drawer; 1 door  | 1 door; 1 flap; 1 door  | 1 door; 1 drawer; 1 door  | 1 door; 1 flap; 1 door   | 1 door; 1 drawer; 1 door  | 1 door; 1 flap; 1 door  | 1 door; 1 drawer; 1 door  | 1 door; 1 flap; 1 door   |
|   |  |                       | <b>22511</b>  | <b>22518</b>  | <b>22811</b>  | <b>22818</b>   |   |   |   |  |
|   |  | Price gr.<br>I<br>III | -<br>-  | -<br>-  | -<br>-  | -<br>-   | -<br>-  | -<br>-  | -<br>-  | -<br>-   |
| Surcharge for frame profile in high-gloss chrome<br>- |  |                       |   |   |   |  |   |   |   |  |
|   |  |                       | <br>252.2 cm wide        |   |   |  | <br>287.4 cm wide        |   |   |  |
| Flap hinge at bottom                                  |  |                       | Left: 1 door<br>Centre: 2 flaps<br>Right: 1 door  | Left: 1 door<br>Centre: 1 drawer,<br>1 flap<br>Right: 1 door            | Left: 1 door<br>Centre: 1 flap,<br>1 drawer<br>Right: 1 door            | Left: 1 door<br>Centre: 2 drawers<br>Right: 1 door               | Left: 1 door<br>Centre: 2 flaps<br>Right: 1 door  | Left: 1 door<br>Centre: 1 drawer,<br>1 flap<br>Right: 1 door            | Left: 1 door<br>Centre: 1 flap,<br>1 drawer<br>Right: 1 door            | Left: 1 door<br>Centre: 2 drawers<br>Right: 1 door               |
|   |  |                       | <b>32528</b>  | <b>32538</b>  | <b>32548</b>  | <b>32518</b>   | <b>32828</b>  | <b>32838</b>  | <b>32848</b>  | <b>32818</b>   |
| Centre below:<br>Flap                                 |  | Price gr.<br>I<br>III | -<br>-  | -<br>-  | -<br>-  | -<br>-   | -<br>-  | -<br>-  | -<br>-  | -<br>-   |
| Centre below:<br>Drawer                               |  | Price gr.<br>I<br>III | <b>32521</b>  | <b>32531</b>  | <b>32541</b>  | <b>32511</b>   | <b>32821</b>  | <b>32831</b>  | <b>32841</b>  | <b>32811</b>   |
|   |  |                       | -<br>-  | -<br>-  | -<br>-  | -<br>-   | -<br>-  | -<br>-  | -<br>-  | -<br>-   |
| Surcharge for frame profile in high-gloss chrome<br>- |  |                       |   |   |   |  |   |   |   |  |
|   |  |                       | <br>252.2 cm wide      |   |   |  | <br>287.4 cm wide      |   |   |  |
| Flap hinge at bottom                                  |  |                       | Left: 1 door<br>Centre: 2 flaps;<br>2 drawers<br>Right: 1 door  | Left: 1 door<br>Centre: 1 drawer,<br>1 flap; 2 drawers<br>Right: 1 door | Left: 1 door<br>Centre: 1 flap,<br>1 drawer; 2 drawers<br>Right: 1 door | Left: 1 door<br>Centre: 2 drawers;<br>2 drawers<br>Right: 1 door | Left: 1 door<br>Centre: 2 flaps;<br>2 drawers<br>Right: 1 door  | Left: 1 door<br>Centre: 1 drawer,<br>1 flap; 2 drawers<br>Right: 1 door | Left: 1 door<br>Centre: 1 flap,<br>1 drawer; 2 drawers<br>Right: 1 door | Left: 1 door<br>Centre: 2 drawers;<br>2 drawers<br>Right: 1 door |
|   |  |                       | <b>42528</b>  | <b>42538</b>  | <b>42548</b>  | <b>42518</b>   | <b>42828</b>  | <b>42838</b>  | <b>42848</b>  | <b>42818</b>   |
| Centre:<br>Flap                                       |  | Price gr.<br>I<br>III | -<br>-  | -<br>-  | -<br>-  | -<br>-   | -<br>-  | -<br>-  | -<br>-  | -<br>-   |
| Centre:<br>Drawer                                     |  | Price gr.<br>I<br>III | <b>42521</b>  | <b>42531</b>  | <b>42541</b>  | <b>42511</b>   | <b>42821</b>  | <b>42831</b>  | <b>42841</b>  | <b>42811</b>   |
|   |  |                       | -<br>-  | -<br>-  | -<br>-  | -<br>-   | -<br>-  | -<br>-  | -<br>-  | -<br>-   |
|   |  |                       | <br>for 252.2 cm width |   |   |  | <br>for 287.4 cm width |   |   |  |
|   |  |                       | <b>2251</b>   |   |   |  | <b>2281</b>   |   |   |  |
|   |  | Price gr.<br>I<br>II  | -<br>-  |   |   |  | -<br>-  |   |   |  |
|   |  |                       | <b>2253</b>   |   |   |  | <b>2283</b>   |   |   |  |
|   |  |                       | -   |   |   |  | -   |   |   |  |

# Highboards

|  |   |   |  |  |   |  |
|--|---|---|--|--|---|--|
| <b>Highboards</b><br>108.2 resp. 143.4 cm high<br>(110.0 resp. 145.2 cm high<br>incl. 1.8 cm high plinth<br>adjusters),<br>45.0 cm deep<br><br>Cannot be fitted as a wall unit!                    | 108.2 cm high   |   | 143.4 cm high  |  |   |  |
|  | Surcharge for frame profile in<br>high-gloss chrome   |   | Surcharge for frame profile in high-gloss chrome   |  |   |  |
|  | -   |   | -  |  |   |  |
|  | <br>70,0 34,8<br>109.8 cm wide |   | <br>34,8 34,8<br>74.6 cm wide         | <br>52,4 34,8<br>92.2 cm wide         | <br>70,0 34,8<br>109.8 cm wide         |  |
|  |   | <b>Left:</b> 1 door with glass<br>section<br><b>Right:</b> 1 door   | <b>Left:</b> 1 door with glass section<br><b>Right:</b> 1 door   | <b>Left:</b> 1 door with glass section<br><b>Right:</b> 1 door   | <b>Left:</b> 1 door with glass section<br><b>Right:</b> 1 door  |  |
|  | as illustr.<br>v. versa   | <b>71121</b><br><b>71122</b>  | <b>97511</b><br><b>97512</b>   | <b>99211</b><br><b>99212</b>   | <b>91111</b><br><b>91112</b>  |  |
|  | <b>Price gr.</b><br><b>I</b><br><b>III</b>  | -<br>-  | -<br>-   | -<br>-   | -<br>-  |  |
| <b>Metal substructure</b><br>incl. plinth adjusters; 54.6 resp. 19.4 cm high<br><br>The units can be planned optionally on a metal substructure.<br>In this case the plinth adjusters are omitted. |   | 54.6 cm high<br><br>for 109.8 cm width | 19.4 cm high<br><br>for 74.6 cm width | 19.4 cm high<br><br>for 92.2 cm width | 19.4 cm high<br><br>for 109.8 cm width |  |
|  |   | <b>3111</b><br><b>2111</b>  | <b>271</b>   | <b>291</b>   | <b>2111</b>   |  |
|  | <b>Price gr.</b><br><b>I</b><br><b>II</b>   | -<br>-  | -<br>-   | -<br>-   | -<br>-  |  |

# Cabinets

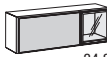

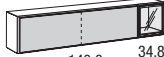
|   |  |  |  |   |  |
|---|--|--|--|---|--|
| <b>Cabinets</b><br>178.6 resp. 213.8 cm high<br>(180.4 resp. 215.6 cm high<br>incl. 1.8 cm high plinth<br>adjusters),<br>45.0 cm deep<br><br>Cannot be fitted as a wall unit!<br><br>Cannot be fitted on a metal<br>substructure in 213.8 cm<br>height! | 178.6 cm high  |  | 213.8 cm high  |   |  |
|   | Surcharge for frame profile in high-gloss chrome   |  | Surcharge for frame profile in high-gloss chrome   |   |  |
|   | -  |  | -  |   |  |
|   | <br>34,8 34,8 |  | <br>52,4 34,8         |   |  |
|   | 74.6 cm wide   |  | 92.2 cm wide   |   |  |
|   |  | <b>Left:</b> 1 glass door, 2 drawers<br><b>Right:</b> 1 door   | <b>Left:</b> 1 glass door, 2 drawers<br><b>Right:</b> 1 door   | <b>Left:</b> 1 glass door, 2 drawers<br><b>Right:</b> 1 door                          | <b>Left:</b> 1 glass door, 2 drawers<br><b>Right:</b> 1 door |
|   | as illustr.<br>v. versa  | <b>117511</b><br><b>117512</b>   | <b>119211</b><br><b>119212</b>   | <b>127511</b><br><b>127512</b>  | <b>129211</b><br><b>129212</b>                               |
|   | Price gr.<br><b>I</b>  | -  | -  | -   | -  |
|   | <b>III</b>   | -  | -  | -   | -  |
| <b>Metal substructure</b><br>incl. plinth adjusters; 19.4 cm high<br><br>The units can be planned optionally on a metal substructure.<br>In this case the plinth adjusters are omitted.   |  | <br>for 74.6 cm width | <br>for 92.2 cm width |  |  |
|   | Price gr.<br><b>I</b>  | <b>271</b>   | <b>291</b>   |   |  |
|   | <b>II</b>  | -  | -  |   |  |


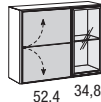
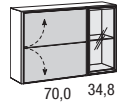
# Wall units

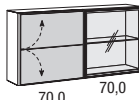
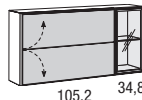
**Notes on delivery:**  
Please see here the information on range introduction pages.


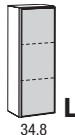
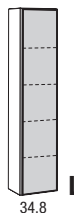
**Assembly notes for wall units:**  
Please be sure to note here the information and notes in the "Wall composition" chapter!

**FONIS**

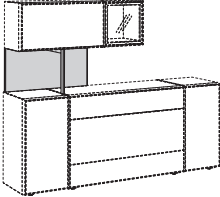
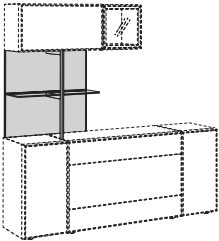
|  |   |                                |   |                                |  |                                |                                |  |
|--|---|--------------------------------|---|--------------------------------|--|--------------------------------|--------------------------------|--|
| <b>Wall units</b><br>37.8 cm high;<br>35.0 cm deep | Surcharge for frame profile in high-gloss chrome<br>-   |                                |   |                                |  |                                |                                |  |
|  | <br>70,0 34,8<br>109.8 cm wide |                                | <br>105,2 34,8<br>145.0 cm wide |                                | <br>140,0 34,8<br>180.2 cm wide |                                |                                |  |
|  |   | 1 drawer; 1 glass door         |   | 1 drawer; 1 glass door         |  | 1 drawer; 1 glass door         |                                |  |
|  | as illustr.<br>v. versa   | <b>210111</b><br><b>210112</b> |   | <b>214111</b><br><b>214112</b> |  | <b>218111</b><br><b>218112</b> |                                |  |
|  | Price gr.<br>I<br>III   | -<br>-                         |   | -<br>-                         |  | -<br>-                         |                                |  |
|  |   | 1 flap; 1 glass door           |   | 1 flap; 1 glass door           |  | 1 flap; 1 glass door           |                                |  |
|  |   | Flap hinge at top              | Flap hinge at bottom  | Flap hinge at top              | Flap hinge at bottom   | Flap hinge at top              | Flap hinge at bottom           |  |
| Max. load: 40 kg                                   | as illustr.<br>v. versa   | <b>210191</b><br><b>210192</b> | <b>210181</b><br><b>210182</b>  | <b>214191</b><br><b>214192</b> | <b>214181</b><br><b>214182</b>   | <b>218191</b><br><b>218192</b> | <b>218181</b><br><b>218182</b> |  |
|  | Price gr.<br>I<br>III   | -<br>-                         | -<br>-  | -<br>-                         | -<br>-   | -<br>-                         | -<br>-                         |  |
|  | <b>Wall units or wall assembly:</b><br>See here the information on page 3                                       |                                |   |                                |  |                                |                                |  |

|  |  |                              |   |                                |   |                                |  |  |
|--|--|------------------------------|---|--------------------------------|---|--------------------------------|--|--|
| <b>Wall units</b><br>73.0 cm high;<br>35.0 cm deep | Surcharge for frame profile in high-gloss chrome<br>-  |                              |   |                                |   |                                |  |  |
|  | <br>34,8 34,8<br>74.6 cm wide |                              | <br>52,4 34,8<br>92.2 cm wide |                                | <br>70,0 34,8<br>109.8 cm wide |                                |  |  |
|  |  | 1 door; 1 glass door         |   | 2 flaps; 1 glass door          |   | 2 flaps; 1 glass door          |  |  |
|  | as illustr.<br>v. versa  | <b>47181</b><br><b>47182</b> |   | <b>410281</b><br><b>410282</b> |   | <b>410181</b><br><b>410182</b> |  |  |
|  | Price gr.<br>I<br>III  | -<br>-                       |   | -<br>-                         |   | -<br>-                         |  |  |
|  | <b>Wall units or wall assembly:</b><br>See here the information on page 3                                      |                              |   |                                |   |                                |  |  |

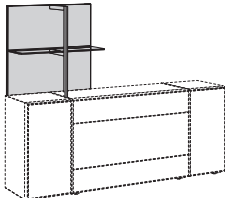
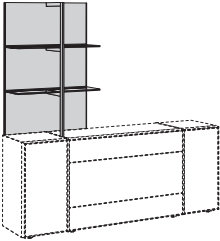
|                  |   |                                |   |                                |  |  |  |  |
|------------------|---|--------------------------------|---|--------------------------------|--|--|--|--|
| Max. load: 40 kg | Surcharge for frame profile in high-gloss chrome<br>-   |                                |   |                                |  |  |  |  |
|                  | <br>70,0 70,0<br>145.0 cm wide |                                | <br>105,2 34,8<br>145.0 cm wide |                                |  |  |  |  |
|                  |   | 2 flaps; 1 glass door          |   | 2 flaps; 1 glass door          |  |  |  |  |
|                  | as illustr.<br>v. versa   | <b>414281</b><br><b>414282</b> |   | <b>414181</b><br><b>414182</b> |  |  |  |  |
|                  | Price gr.<br>I<br>III   | -<br>-                         |   | -<br>-                         |  |  |  |  |
|                  | <b>Wall units or wall assembly:</b><br>See here the information on page 3   |                                |   |                                |  |  |  |  |

|   |   |                                |  |                                |   |                                  |  |  |
|---|---|--------------------------------|--|--------------------------------|---|----------------------------------|--|--|
| <b>Wall units</b><br>73.0; 108.2 resp. 178.6 cm high;<br>35.0 cm deep | 73.0 cm high  |                                | 108.2 cm high  |                                | 178.6 cm high   |                                  |  |  |
|   | <br>34,8 L<br>37.8 cm wide |                                | <br>34,8 L<br>37.8 cm wide |                                | <br>34,8 L<br>37.8 cm wide |                                  |  |  |
|   |   | 1 door                         |  | 1 door                         |   | 1 door                           |  |  |
|   |   | <b>4311 L</b><br><b>4312 R</b> |  | <b>6311 L</b><br><b>6312 R</b> |   | <b>10311 L</b><br><b>10312 R</b> |  |  |
| Max. load: 40 kg  | Price gr.<br>I<br>III   | -<br>-                         |  | -<br>-                         |   | -<br>-                           |  |  |
|   | <b>Wall units or wall assembly:</b><br>See here the information on page 3                                     |                                |  |                                |   |                                  |  |  |





Intermediate bookshelves

|  |   |        |  |  |
|--|---|--------|--|--|
| <b>Intermediate bookshelves</b><br>35.2 resp. 71.1 cm high;<br>35.0 cm deep<br><br>with frame profile<br><br><br><br><br><br><br><br><br>LED frame profile lamp<br>see page 17 | 35.2 cm high<br><br>Surcharge for frame profile in high-gloss chrome<br><br>-     |        | 71.1 cm high;<br>with 1 glass shelf<br><br>Surcharge for frame profile in high-gloss chrome<br><br>- |  |
|  |  |        |                   |  |
|  | 73.2 cm wide<br><br><b>2701</b>   |        | 73.2 cm wide<br><br><b>4701</b>  |  |
| Price gr.<br>I<br>III  |   | -<br>- | -<br>-   |  |

Top bookshelves

|  |  |        |   |  |
|--|--|--------|---|--|
| <b>Top bookshelves</b><br>71.1 resp. 107.1 cm high;<br>35.0 cm deep<br><br>with frame profile<br><br><br><br><br><br><br><br><br>LED frame profile lamp<br>see page 17 | 71.1 cm high;<br>with 1 glass shelf<br><br>Surcharge for frame profile in high-gloss chrome<br><br>- |        | 107.1 cm high;<br>with 2 glass shelves<br><br>Surcharge for frame profile in high-gloss chrome<br><br>- |  |
|  |                    |        |                     |  |
|  | 73.2 cm wide<br><br><b>4711</b>  |        | 73.2 cm wide<br><br><b>6711</b>   |  |
| Price gr.<br>I<br>III  |  | -<br>- | -<br>-  |  |

Wall shelves

|  |  |                    |                    |                    |
|--|--|--------------------|--------------------|--------------------|
| <b>Wall shelves</b><br>2.5 cm thick;<br>24.0 cm deep<br><br>for fitting anywhere on walls  |                |                    |                    |                    |
|  | 146.6 cm wide  | 181.8 cm wide      | 217.0 cm wide      | 252.2 cm wide      |
|  | Max. load: 10 kg   | Max. load: 10 kg   | Max. load: 15 kg   | Max. load: 15 kg   |
|  | <b>1424</b>  | <b>1824</b>        | <b>2124</b>        | <b>2524</b>        |
| <b>LED lamps for wall shelves</b><br><br><br><br><br><br>This product contains a light source of energy efficiency class F. 12 V.<br>  | LED lamps incl. footswitch. A remote control unit is possible for operation (against a surcharge). |                    |                    |                    |
|  |                |                    |                    |                    |
|  | for 146.6 cm width   | for 181.8 cm width | for 217.0 cm width | for 252.2 cm width |
|  | 10.1 W   | 13.4 W             | 16.8 W             | 20.4 W             |
|  | <b>145</b>   | <b>175</b>         | <b>215</b>         | <b>245</b>         |
|  |  | -                  | -                  | -                  |



# Media accessories for lowboards

## IR repeater set

### IR repeater set

Infrared signal transmission set for operating media units behind non-transparent 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**

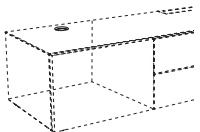
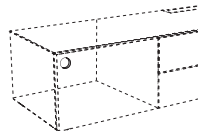
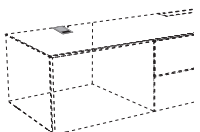
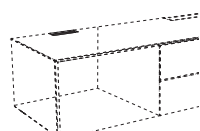
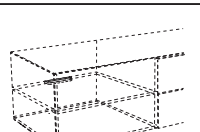
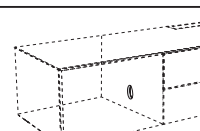
-

**Extra transmitter**

**2003**



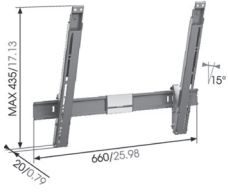
-

## Cable apertures

|  |  |                 |
|--|--|-----------------|
|  | <b>Cable aperture K1</b><br>silver-coloured; Ø 8.0 cm<br>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. | <b>K1</b><br>-  |
|  | <b>Cable aperture K2</b><br>silver-coloured; Ø 8.0 cm<br>It is possible to fit a cable aperture in the rear wall of the lowboard. Positioned in centre of compartment.   | <b>K2</b><br>-  |
|  | <b>Cable aperture K7</b><br>silver-coloured; 7.0 x 12.0 cm<br>It is possible to fit a cable aperture in the top shelf of the lowboard. Positioned in centre of compartment, flush with the rear edge of the unit.  | <b>K7</b><br>-  |
|  | <b>Cable aperture K8</b><br>silver-coloured; 12.8 x 3.2 cm<br>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.   | <b>K8</b><br>-  |
|  | <b>Cable aperture K9</b><br>13.0 x 1.6 cm<br>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.  | <b>K9</b><br>-  |
|  | <b>Cable aperture K20</b><br>silver-coloured; Ø 8.0 cm<br>It is possible to fit a cable aperture in the partitions of the lowboard. Position: Distance from centre of aperture to rear edge of unit: 10.0 cm.  | <b>K20</b><br>- |


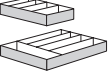



Flat screen supports



|   |   |   |
|---|---|---|
| <p><b>Flat screen support WTL6</b><br/>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.<br/>Suitable for Curved TV's.<br/>Flat screen support compatible with VESA Norm standard:<br/>min.: 200 x 200 mm<br/>max.: 600 x 400 mm</p>  | <p><b>Flat screen support THIN 545, ideally adaptable</b><br/>The flat screen support can be adjusted 3-dimensionally. It is suitable for flat screens with a screen diagonal of 102-165 cm (40"-65") and a maximum depth of 4.5 cm; max. load: 25 kg.<br/>Go to <a href="http://www.vogels.com">www.vogels.com</a> 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.<br/>Not suitable for Curved TV's.<br/>Flat screen support compatible with VESA Norm standard:<br/>min.: 100 x 100 mm<br/>max.: 600 x 400 mm</p>  | <p><b>Flat screen support THIN 515</b><br/>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.<br/>Go to <a href="http://www.vogels.com">www.vogels.com</a> 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.<br/>Not suitable for Curved TV's.<br/>Flat screen support compatible with VESA Norm standard:<br/>min.: 100 x 100 mm<br/>max.: 600 x 400 mm</p>  |
| for fitting anywhere on walls   | for fitting anywhere on walls   | for fitting anywhere on walls   |
| 9704  | 9304  | 9504  |
| -   | -   | -   |

## Accessories for units

### Accessories for drawers

|  <b>Tableau</b><br>lined with grey fabric  |                   | for 34.8 cm front width   | for 52.4 cm front width | for 70.0 cm front width | for 105.2 cm front width | for ½ drawer, 140.4 cm wide, and 70.0 cm front width           | for ½ drawer, 175.6 cm wide, and 87.6 cm front width | for ½ drawer, 210.8 cm wide |
|--|-------------------|---|-------------------------|-------------------------|--------------------------|--|--|-----------------------------|
|  | for 35.0 cm depth |   |                         |                         | <b>8627</b><br>-         | <b>8628</b><br>-   | <b>8629</b><br>-                                     |                             |
|  | for 45.0 cm depth | <b>8620</b><br>-  | <b>8621</b><br>-        |                         | <b>8623</b><br>-         | <b>8624</b><br>-   | <b>8625</b><br>-                                     | <b>8626</b><br>-            |
|  <b>Cutlery box</b><br>of metal, lined with grey fabric inside;<br>incl. compartments  |                   | 17.6 cm wide  |                         |                         |                          | 35.2 cm wide   |  |                             |
|  |                   | <b>855</b><br>-   |                         |                         |                          | <b>856</b><br>-  |  |                             |
|  <b>Cutlery holder</b><br>lined with grey fabric, for fitting in<br>drawers<br><br>Set 1: for 60 pieces of cutlery<br>Set 2: for 17 serving utensils |                   | <b>Set 1:</b> for standard cutlery like spoons, forks, knives, etc. |                         |                         |                          | <b>Set 2:</b> for sauce ladles, cake forks, cake servers, etc. |  |                             |
|  |                   | <b>116</b><br>-   |                         |                         |                          | <b>117</b><br>-  |  |                             |





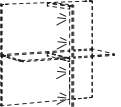


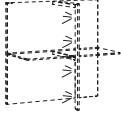

## Fitted shelves

|  <b>Fitted shelf</b><br>1.9 cm thick<br>(2.8 cm thick for<br>105.2 and 210.8<br>cm front width) |   |                       | for 34.8 cm front<br>width | for 52.4 cm front<br>width | for 70.0 cm front<br>width | for 105.2 cm<br>front width | for ½ compart-<br>ment behind<br>140.4 cm wide<br>flaps | for ½ compart-<br>ment behind<br>175.6 cm wide<br>flaps | for ½ compart-<br>ment behind<br>210.8 cm wide<br>flaps |
|---|---|-----------------------|----------------------------|----------------------------|----------------------------|-----------------------------|---|---|---|
|   | for 35.0 cm<br>depth                      | Price gr.<br>I<br>III | 144<br>-<br>-              | 152<br>-<br>-              | 162<br>-<br>-              | 1102<br>-<br>-              | 172<br>-<br>-   |   |   |
|   | for 45.0 cm<br>depth                      | Price gr.<br>I<br>III | 134<br>-<br>-              | 164<br>-<br>-              | 174<br>-<br>-              | 1103<br>-<br>-              | 163<br>-<br>-   | 183<br>-<br>-   | 1113<br>-<br>-  |
|   | for wall units<br>type 47181<br>and 47182 | Price gr.<br>I<br>III | 154<br>-<br>-              |                            |                            |                             |   |   |   |
|  <b>Glass shelf</b><br>(clear glass)<br>0.8 cm thick  | for 35.0 cm<br>depth                      | 324<br>-              |                            | 364<br>-                   |                            |                             |   |   |   |
|   | for 45.0 cm<br>depth                      | 334<br>-              | 354<br>-                   | 374<br>-                   |                            |                             |   |   |   |


# Accessories for units

## Lamps

LED lamps incl. footswitch. A remote control unit is possible for operation (against a surcharge).

|   |   |  |  |
|---|---|--|--|
|  <p><b>Integrated LED spotlight</b><br/>Ø 7.1 cm; for fitting in units</p> <p>Later fitting is not possible.</p> <p>This product contains a light source of energy efficiency class F. 12 V.</p>   | 2.9 W   |  |  |
|   | <b>7941</b><br>-  |  |  |
|  <p><b>LED light panel</b><br/>1.9 cm thick, 3.0 cm deep;<br/>for fitting under glass shelves</p> <p>Later fitting is not possible.</p> <p>This product contains a light source of energy efficiency class F. 12 V.</p>                      | for 35.2 cm width   | for 52.8 cm width  | for 70.4 cm width  |
|   | 2.4 W<br><b>325</b><br>-  | 3.5 W<br><b>525</b><br>-   | 5.1 W<br><b>825</b><br>-   |
|  <p><b>LED frame profile lamp</b><br/>LED lamp fitted in the frame profile of intermediate and top bookshelves</p> <p>Later fitting is not possible.</p> <p>This product contains a light source of energy efficiency class F. 12 V.</p>  | for intermediate bookshelf type 2701  | for intermediate bookshelf type 4701 and top bookshelf type 4711   | for top bookshelf type 6711  |
|   | 6.8 W<br><br><b>725</b><br>- | 13.5 W<br><br><b>745</b><br>- | 20.2 W<br><br><b>765</b><br>- |

## 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>  |  | <b>2119</b><br>- |
|---|--|------------------|

## 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 / ancillary table CT 250

### Coffee tables / ancillary table CT 250

The CT 250 provides genuine designer pieces for your living room. Experience a glass coffee table that features two table tops, thus providing ample storage. Its elegant gloss chrome or powder-coated frame perfectly encases the table tops. Simply combine it with the CT 250 ancillary table, a matching, higher companion for the coffee table. Its expressive frame repeats the round design shape of the table top, perfectly underlining it.

You will find the coffee table CT 250 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.



Switch options for lamps:  
Radio remote control with change of colour temperature

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 | - |
|------|------|---|



## Examples of use (schematic diagrams)

### Example 1

#### Lights inside a unit

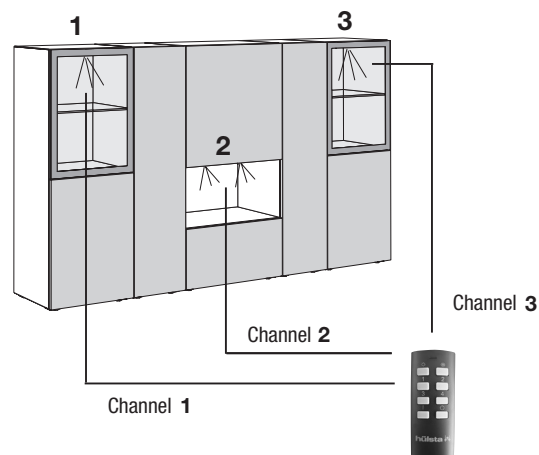
Channel 1 operates (and dims) all the lights in light group 1, i.e. the LED spotlight in the left cabinet

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

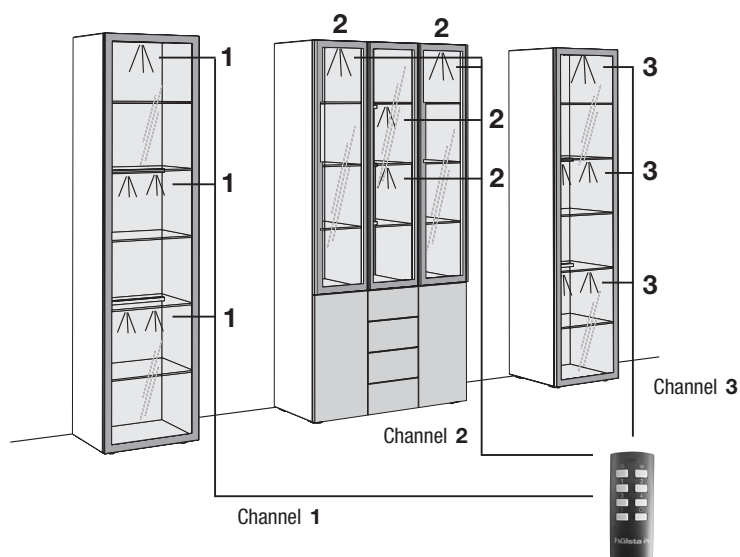
Channel 1 operates (and dims) all the lights in light group 1, i.e. the LED spotlight and the LED light panels in the left cabinet

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

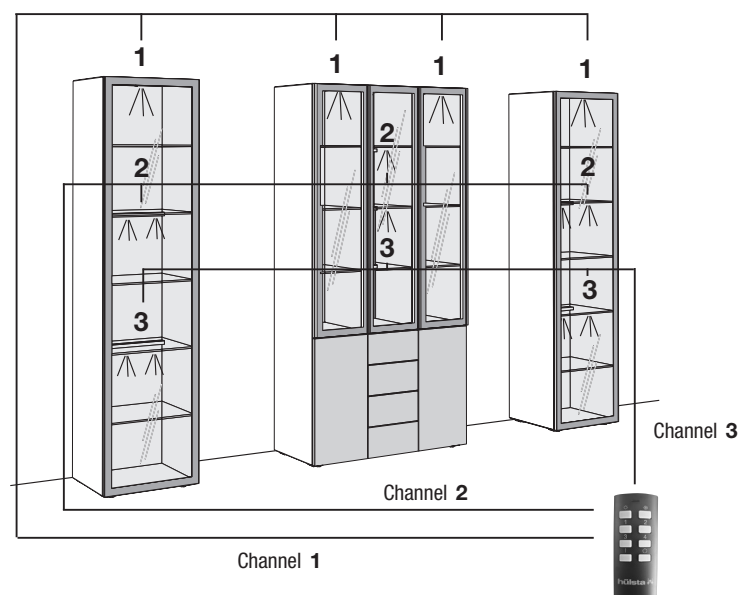
Channel 1 operates (and dims) all the lights in light group 1, i.e. the LED spotlamps in the left, centre and right cabinet

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.



FONIS

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

Special articles

|  |      |   |
|--|------|---|
| <b>Cover panels</b><br>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 <sup>2</sup> in price group I  | 990  | - |
| + price per m <sup>2</sup> in price group III  | 990  | - |
| Veneer match with fronts can not be guaranteed.  |      |   |
| <br><b>Rim veneer</b><br>superimposed ex works or rims lacquered<br>for veneer and lacquer versions per m. length  |      |   |
| in price group I   | 9902 | - |
| in price group III   | 9902 | - |
| <br><b>Individual special-sized products</b><br>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   | - |
| <br><b>Special colours; Note on “Blue Angel” / Emissions label of DGM</b>  |      |   |
| <b>Special colours</b><br>All the hülsta lacquer colours are possible for nearly all the hülsta ranges.<br>Availability and prices on request.   |      |   |
| <b>Note on “Blue Angel” (RAL-UZ 38) and Emissions label of DGM (Class A)</b><br>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! |      |   |

Wall composition / assembly instruction








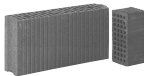
**Important notes:**  
The composition of walls must be ascertained before concluding a contract and be checked by a qualified fitter before assembly takes place.

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!                   |   |   |  |
|--|---|---|---|--|
| <div>Concrete C12/15</div> <div>Compression strength <math>\geq</math> 15 N/mm<sup>2</sup></div> <div></div> |    | Building bricks Mz 12<br>Compression strength $\geq$ 12 N/mm <sup>2</sup>   |  | Solid blocks of light concrete V2<br>Compression strength $\geq$ 2 N/mm <sup>2</sup>         |
|  |    | Limestone blocks KS 12<br>Compression strength $\geq$ 12 N/mm <sup>2</sup>  |  | Perforated blocks of light concrete Hbl 2<br>Compression strength $\geq$ 2 N/mm <sup>2</sup> |
|  |    | Perforated sand lime bricks KSL12<br>Compression strength $\geq$ 12 N/mm <sup>2</sup>   |  | Aerated concrete PP2<br>Compression strength $\geq$ 2 N/mm <sup>2</sup>                      |
|  |  | Vertically perforated bricks HLz 12<br>Compression strength $\geq$ 12 N/mm <sup>2</sup><br>Bulk density $\geq$ 1.0 kg/dm <sup>3</sup> |   |  |

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

|   |   |                           |
|---|---|---------------------------|
| <p><b>Labelling in type list drawings / assembly notes for wall units</b><br/>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.</p> <p><b>3</b> = 3 support boards<br/><b>4</b> = 4 support boards, etc.</p> <p>One <b>assembly mortar set</b> is sufficient for up to a maximum of 3 support boards or 4 wall side-panels.</p> <p><b>Important note:</b> 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.</p> |   |                           |
| <p><b>Standard set</b><br/>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.</p>   |   |                           |
| <p><b>Assembly mortar set for up to a maximum of 3 support boards consisting of:</b></p> <p>9x injection retaining sleeve<br/>9x screw-in sleeve<br/>1x injection cartridge<br/>2x static mixer<br/>1x assembly instructions</p> <p>Please use the mounting screws from the standard set (supplied free of charge).</p>   | <p><b>Example of order:</b></p> <ul style="list-style-type: none"><li>• Add up number of support boards for all existing unit types</li><li>• Divide the sum by “3”</li><li>• Round up the result to a full number</li></ul> <p>= Number of assembly mortar sets required</p> | <p><b>M2</b></p> <p>-</p> |

## **hülsta FONIS**

Stand: E 7. 2023

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