

Molteni & C

505 UP - SYSTEM — NICOLA GALLIZIA 2021

1—
19



A modular, versatile and contemporary system that converges system design and the aesthetics of the finished unit. Each composition is unique. Designed to meet the owner's aesthetic and functional needs, it is created to suit his or her lifestyle, like a tailored suit or dress.

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Dimensions in millimeters and inches. The right to discontinue and make changes is reserved. This information is based on the latest product information available at the time of printing.

MODULARITY

Measurements

Wall to wall widths:
320 - 480 - 640 - 960 - 1280 - 1440 - 1920 + 32 mm for end side panel
12 5/8" - 18 7/8" - 25 1/4" - 37 3/4" - 50 3/8" - 56 3/4" - 75 5/8" + 1 1/4"

Heights:
465 - 849 - 1233 - 1617 - 2001 - 2385 - 2769 - (2961 - 116 5/8" for cutting to length) mm
18 1/4" - 33 3/8" - 48 1/2" - 63 5/8" - 78 3/4" - 93 7/8" - 109"

Structure depth:
320 - 400 mm
12 5/8" - 15 3/4"

Notes

A minimum space of 3 cm (1 1/8") in height is required for assembly, and in the case of installation in a compartment, the width is necessary:
- 4 cm (1 5/8") for floor compositions (2 cm - 3/4" per side)
- 6 cm (2 3/8") for wall-hung compositions (3 cm - 1 1/8" per side)
For cuts in the three dimensions (width, height, depth) the reduction is carried out to the millimetre; in all cases the cost of the reduction is borne by the customer.

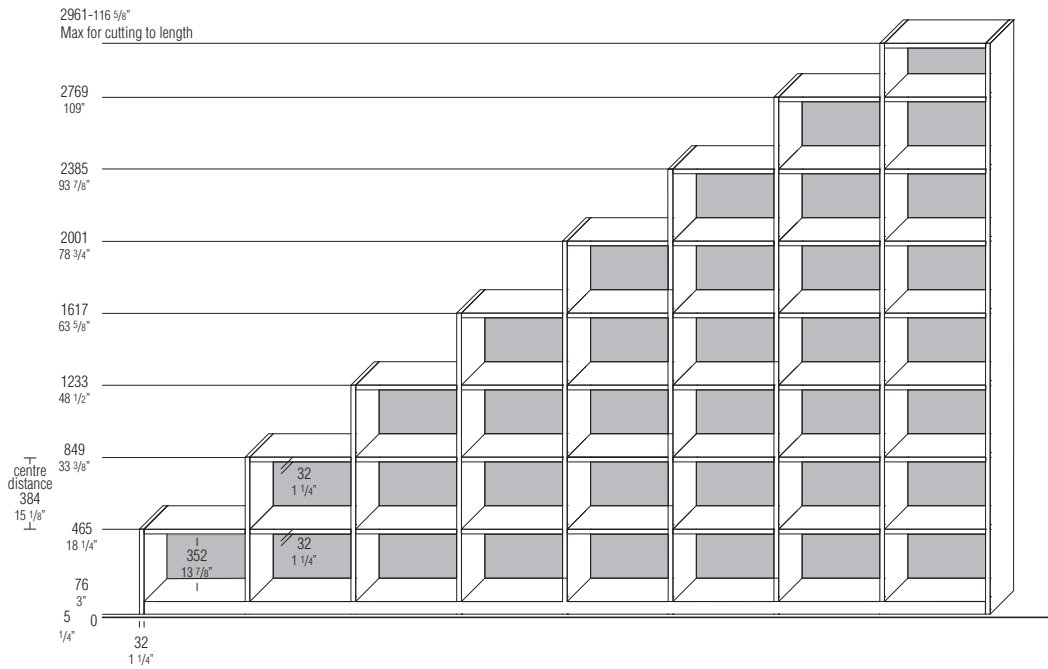
The module width can be reduced by up to 320 mm - 12 5/8" (centre distance):
the W 320 - 12 5/8" module cannot be reduced in width.

No reduction possible for:
Internal and external drawers
Glass hinged doors
Vertical sliding doors
Flap door th 35 (1 3/8")

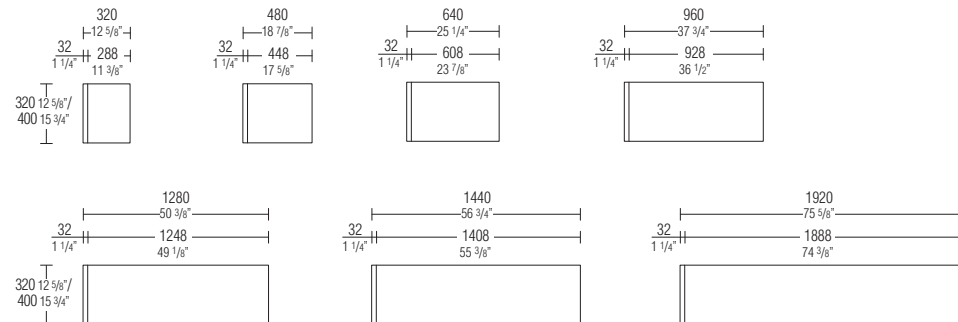
Modules W 1280 (50 3/8"), 1420 (55 7/8") and 1920 (75 5/8") in depth
Protruding elements DISPLAY D 500 (75 5/8")

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Heights and depths of the units resting on the floor



Modularity of widths



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FINISHES

Wood grain

Pressure opening th 35

- HORIZONTAL GRAIN for vertical sliding, drawers and flap doors

Pressure opening th 22

- HORIZONTAL GRAIN for drawers
- VERTICAL GRAIN for hinged doors

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3—
19

finishes	matt lacquer colours	glossy lacquer colours	glaze	woods	special woods	pewter colour / copper	transparent glass	stopsol transparent glass	net glass	Eco Skin	coloured glass/ coloured etched glass	marble
components												
32 mm th. structure and base												
back panels												
rear finish panels												
internal drawers												
shelves												
tops												
protruding shelf D 540 mm												
TV back panel												
central dividing glass panel												
profile												
glass												
12 mm thick central dividing panels												
door opening th. 35 mm (vertical sliding/flap/drawers)												
doors / external drawers with pressure opening th 22 mm												
door frame glass th. 35 mm												
profile												
glass												
door frame Eco Skin th. 35 mm												
profile												
Eco Skin												
Open DISPLAY / DISPLAY structure												
doors DISPLAY / ext. drawers with press. opening th 22 mm												
door DISPLAY frame glass th 35 mm												
profile												
glass												
door DISPLAY frame Eco Skin th 35 mm												
profile												
Eco Skin												

★ for stopsol vertical sliding door (etched glass)

colours	Matt lacquer	Glossy lacquer	Woods structure and front	Coloured glass	Coloured etched glass	Eco Skin	Marble
	BC chalk white	BC chalk white	EU eucalyptus	BC chalk white	BC chalk white	grey	white Carrara
	PE pearl	PE pearl	RF graphite oak	PE pearl	PE pearl	mink	orient grey
	DN dune	DN dune		DN dune	DN dune	hemp	green alpine
	PL platinum	PL platinum		PL platinum	PL platinum	ivory	black marquina
	NE black	NE black	Special woods	NE black	NE black	dark brown	calacatta gold (special price)
	AT anthracite	AT anthracite	RT thermo oak (only for DISPLAY)	AT anthracite	AT anthracite	earth	
	SE mustard	SE mustard		SE mustard	SE mustard	arctic	
	SI silica	SI silica		SI silica	SI silica	taupe	
	DO dolomite grey	DO dolomite grey		DO dolomite grey	DO dolomite grey		
	AL clay	AL clay		AL clay	AL clay		
	MK moka	MK moka		MK moka	MK moka		
	CZ light blue grey	CZ light blue grey		CZ light blue grey	CZ light blue grey		
	SA sand	SA sand		SA sand	SA sand		
	RU ruby	RU ruby		RU ruby	RU ruby		
	PX pewter colour	PX pewter colour		PX pewter colour	PX pewter colour		
	RX copper	RX copper		RX copper	RX copper		
	TO dove grey	TO dove grey		TO dove grey	TO dove grey		
	PR petroleum blue	PR petroleum blue		PR petroleum blue	PR petroleum blue		
	BG burgundy	BG burgundy		BG burgundy	BG burgundy		
	LS london sky	LS london sky		LS london sky	LS london sky		
	SU stardust	SU stardust		SU stardust	SU stardust		
	ML moonlight	ML moonlight		ML moonlight	ML moonlight		
	SP spice	SP spice		SP spice	SP spice		

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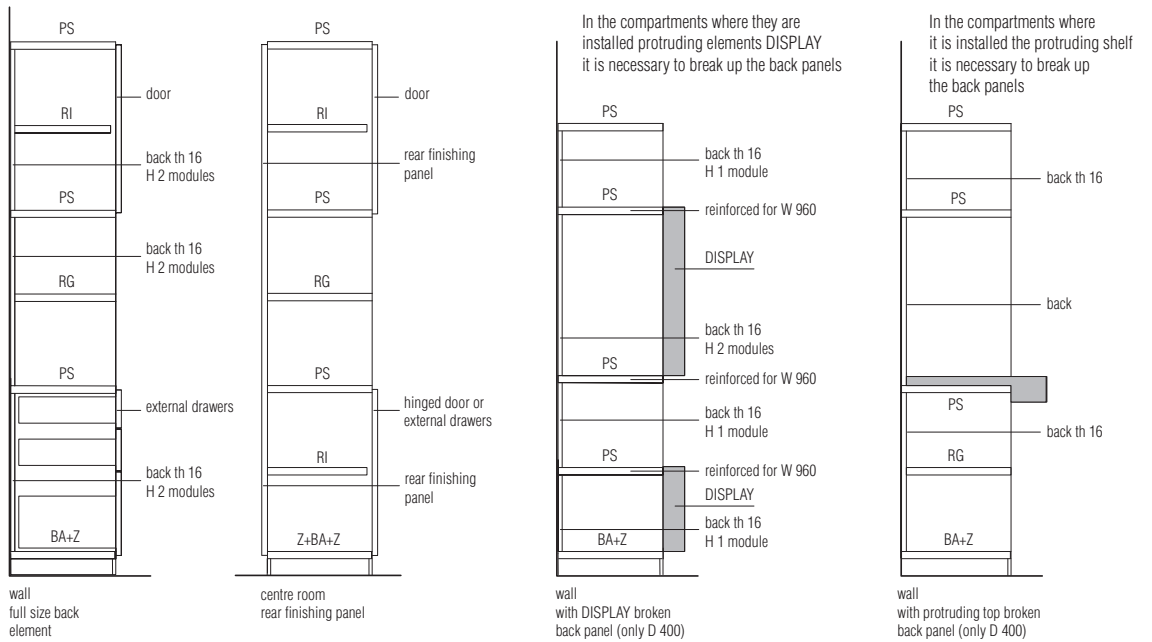
MODULE CONSTRUCTION UP TO W 960 (37 3/4")

Modules must always have full or divided backs 16 th.
Double-sided compositions can be made with back panels. **The presence of back panels or rear finish panels is essential for the stability of the compositions.**
Any requests for modules with opening compartments must be examined by the Molteni Technical Office as they could compromise the stability of the composition.

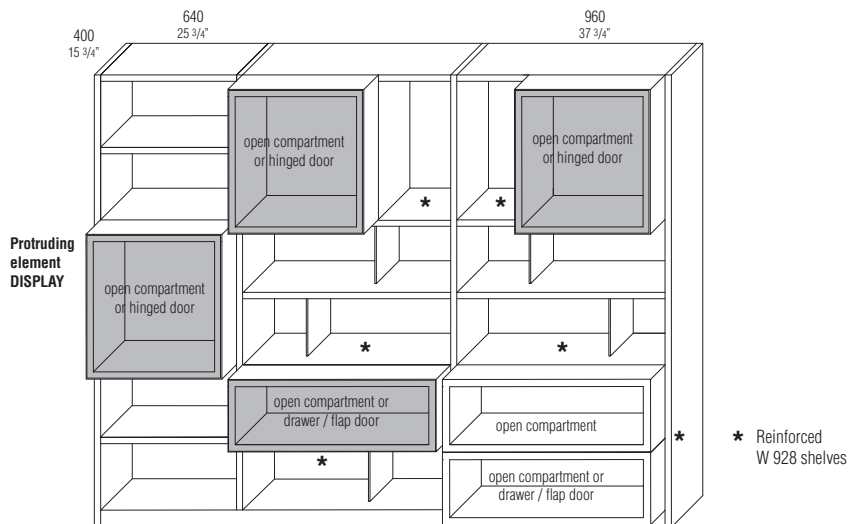
Key to symbols
PS - structural shelves
RG - open shelves
RI - internal shelves
BA - base
Z - plinth

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4
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DISPLAY positioning



The protruding DISPLAY element can be installed in the same size compartment or in a larger compartment.

The positioning inside the compartment must always respect the 160 mm pitch because it is fixed to the structure D 400.

A central dividing panel or another DISPLAY must always be inserted in the compartments below the protruding DISPLAY element, with the exception of the W 640 module.

In W 960 compartments, the structural shelf below and/or above the DISPLAY must be reinforced.

Only an open DISPLAY can be placed above and below the protruding DISPLAY with flap door.

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MODULES CONSTRUCTION 1280-1440-1920 (50 3/8" - 56 3/4" - 75 5/8")

For the construction of these modules, it is mandatory to have in each compartment:

- 16 mm th back panel (always in module width)
- one or more central dividing panels (wood, 32 mm th - glass, 10 mm th or rounded, 12 mm th) positioned at 160 mm intervals at a maximum distance of 960 mm for 1280/1440 mm wide compartments
- two or more central dividing panels positioned at 160 mm intervals at a maximum distance of 960 mm for W 1920 compartments.

This construction does not require reinforced structural shelves except in cases of installation of the DISPLAY or in other situations indicated in the specific paragraphs.

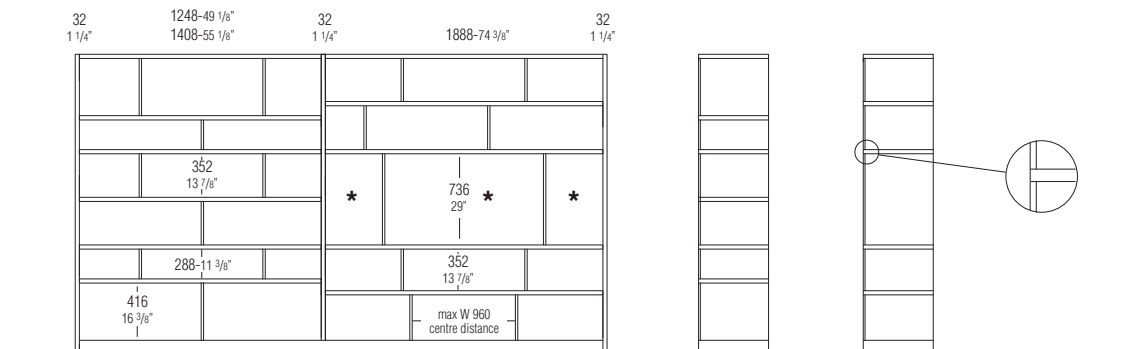
In the open area, it is possible to make compartments 64 mm higher or lower than the standard module (mm 352).

For this purpose, 416 mm and 288 mm centre dividers and back panels are available.

Within a column, the 416 mm and 288 mm recesses must always offset each other.

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5
19



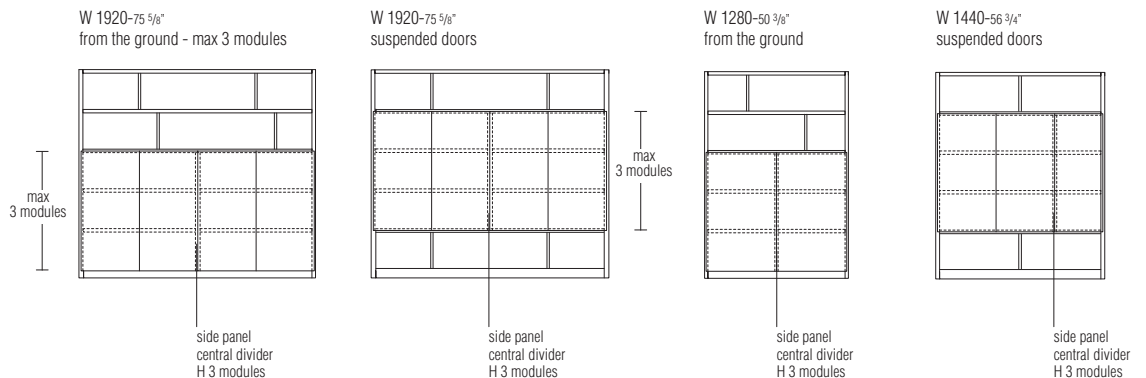
At least two dividing panels per compartment at a maximum distance of mm 960

* The indicated compartments can be closed with wooden or glass doors using 32 mm th. wooden central partition walls

The maximum height of the wooden panels are 1120 mm (H 3 modules)

Modules W 1280-1440-1920 (50 3/8" - 56 3/4" - 75 5/8") with doors

Compositions with doors



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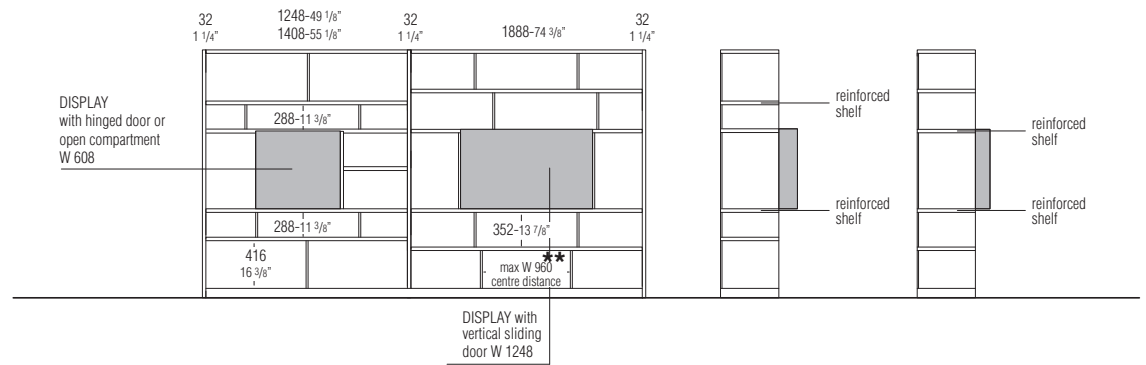
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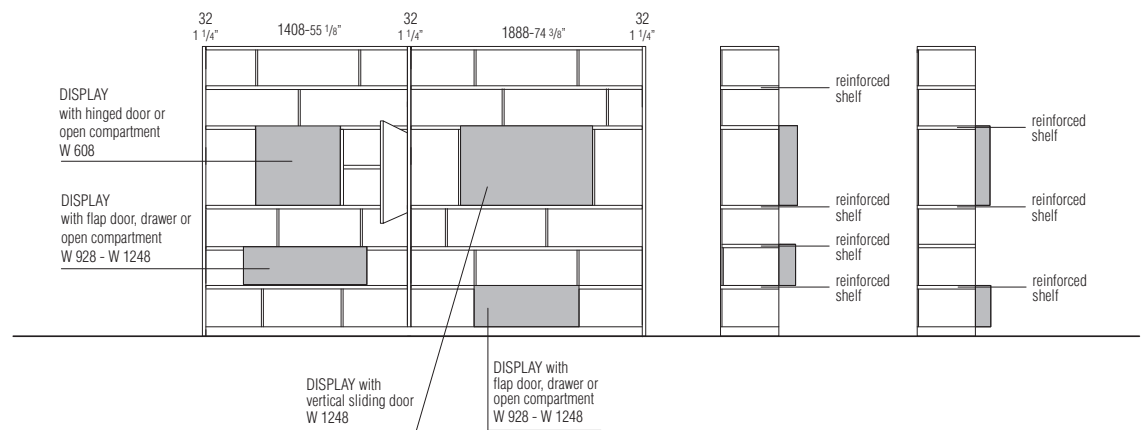
MODULES CONSTRUCTION 1440 - 1920 (56 3/4" - 75 5/8")

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Example 1

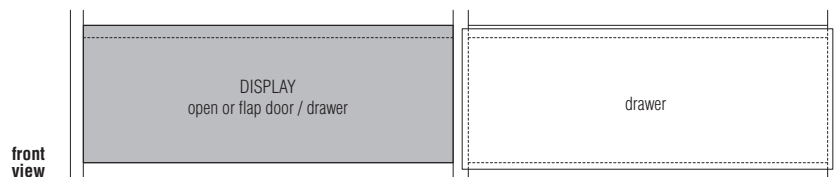


Example 2



The protruding DISPLAY elements can be freely inserted into compartments without central dividing panels, but with the use of reinforced shelves. The positioning must always respect the 160 mm pitch because it is fixed to the structure.

If you want to close the adjacent side compartment or install a shelf, you need to use the 32 mm th. wooden central dividing panel (see examples).



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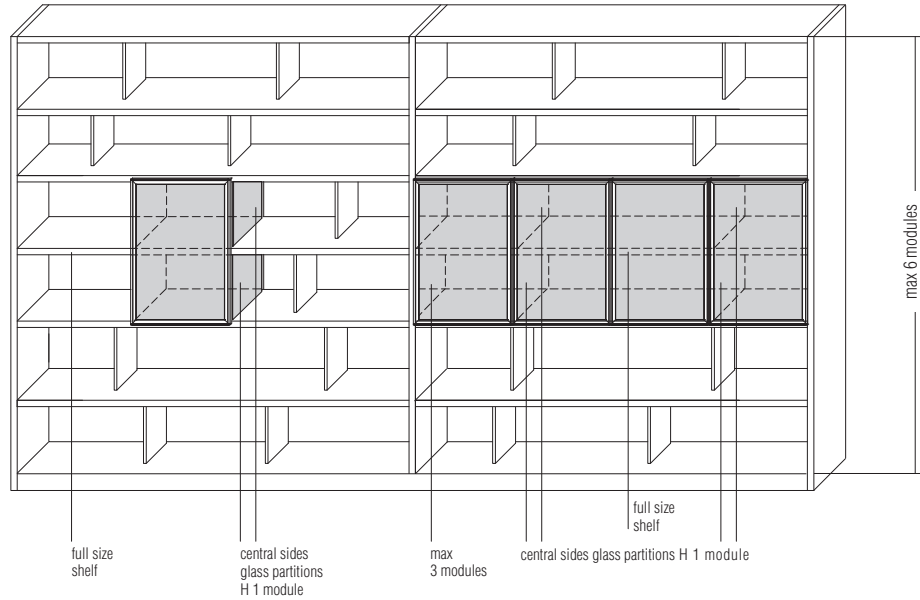
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MODULES CONSTRUCTION 1280-1440-1920 (50 3/8" - 56 3/4" - 75 5/8")

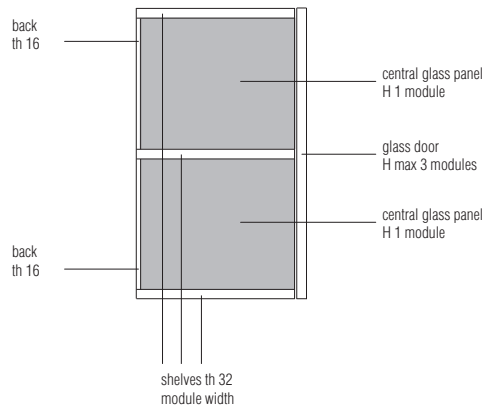
W 1280-1440-1920 compartments can be used for the installation of glass doors with glass side panels.
In this case, the shelves are full size flush with the panels and the central glass dividers are always H 1 module.

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7—
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side section



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HOLE DIAGRAM FOR SIDES

Drilling of panels for shelf positioning is available in these modes to be specified when ordering:

- A - Holes in shelves only
- B - 3-hole set (64 mm centre distance) distance 384 mm
- C - Regular interval 64 mm - with surcharge

If there are no specific indications, type B drilling will be carried out - group 3 holes.

The individual columns of a composition can have different perforations.
Within the column the type of drilling cannot vary.

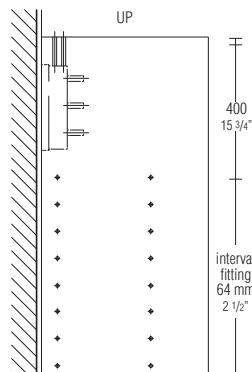
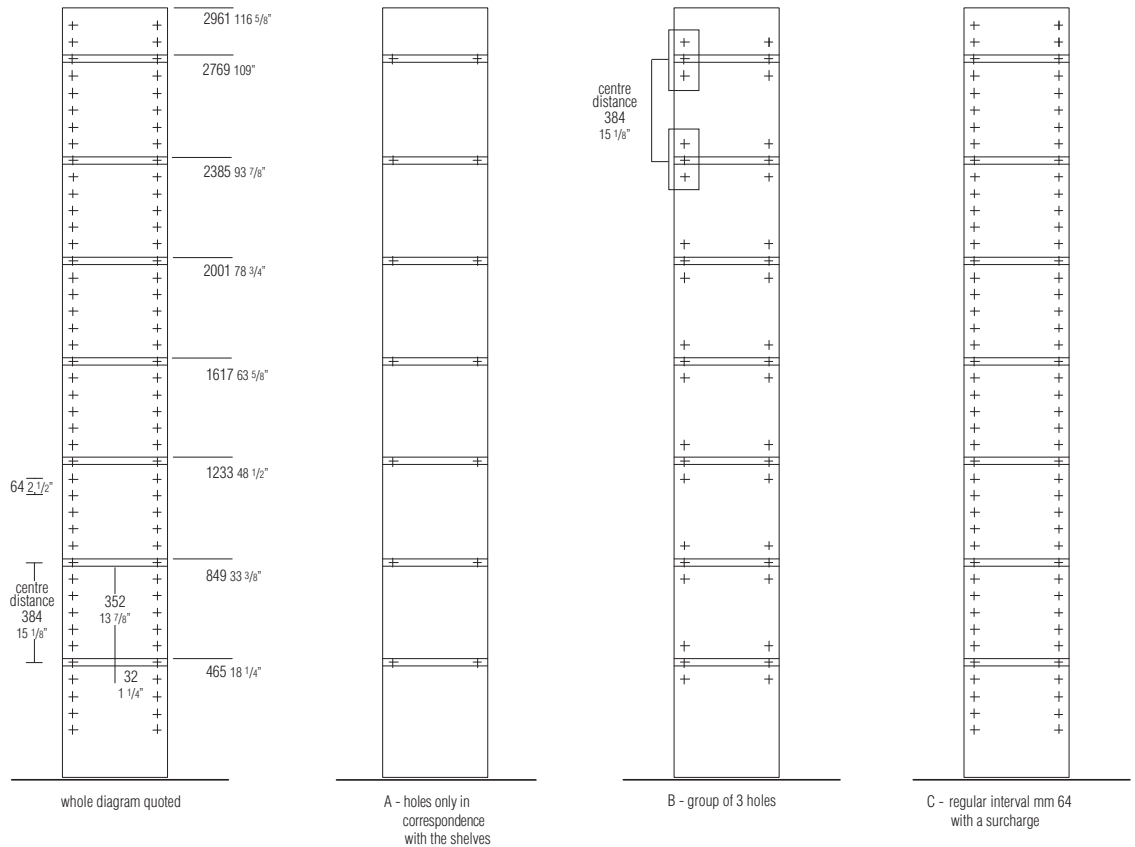
Notes

Wall mounted panels have no holes for shelves in the upper part for mm 400 (see design).
Central dividing panels H 1 module are always unperforated.

In the open parts, it is possible to make compartments 64 mm higher or lower than the standard module (384 mm).
For this purpose, 416 mm and 288 mm centre dividers and back panels are available.

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8—
19



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CHANGE OF DEPTH

When the module of the smaller depth is open, the change of depth is made by directly attaching the components of this module to the adjacent panel of the larger depth **(example 1)**.

When the module of the smallest depth is closed with doors or drawers, the change of depth is achieved by combining two compositions of different depths **(example 2)**.

Finishing tops in glass and marble cannot be used in situations where there is a change in depth.

Any top on composition with change of depth will always be supplied in two parts.

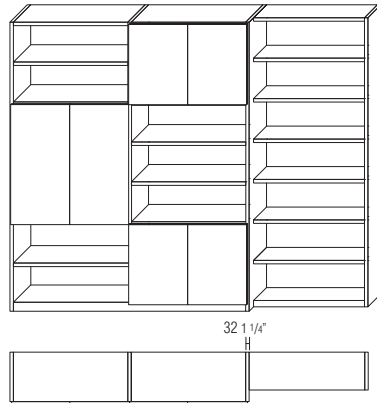
CHANGE OF HEIGHT

With the change in height, the top is used as in the drawing below.

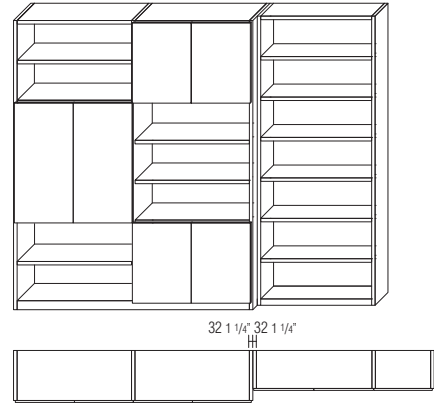
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9—
19

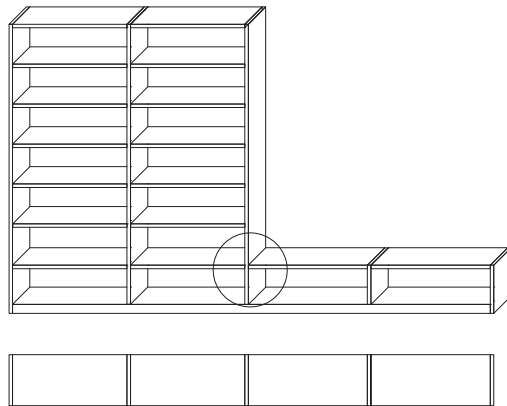
Change of depth single composition
(example 1)



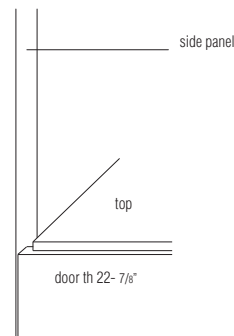
Change of depth 2 compositions
(example 2)



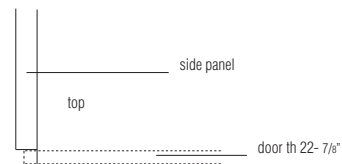
Change of height single composition



front



plan



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INTERNAL DRAWER UNITS

For open compartments, hinged glass doors and 22 mm th. hinged wood pressure opening doors

The drawer units can be inserted between two standard 32 mm thick shelves (example **A**).

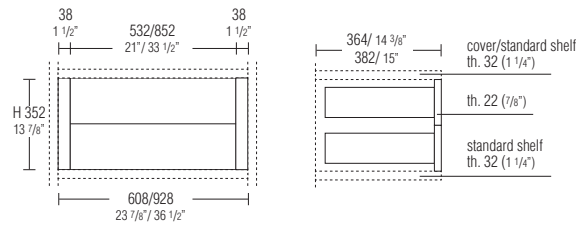
The drawers are always pressure-opening and always fully extractable.

The drawers are flush with the structure for open compartments while they are set back by 18 mm (in alignment with internal shelves) when installed in hinged glass doors.

* woods
eucalyptus, graphite oak

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Example A



BOISERIE COMPARTMENTS WITH MULTIPLE PANELS D 400

By using modules 1280-1440-1920 it is possible to create boiserie compartments with two or three back panels up to W mm 5728.

The boiserie compartment always has two or three removable backs on which the TV can be mounted.

If there is a TV mounted, the client is responsible for paying for the wire hole on the back. The back is fixed on its front. The extension must include the use of the bar even if it is mounted on the wall or the composition is suspended. The backs are hooked in the centre thanks to the central panel connecting support.

The structural shelf above the boiserie compartment is always reinforced.

For sizes greater than 3808 mm, the support bar will be made in two pieces.

The height of the back panel is lower than the height of the compartment to allow the routing of cables from the cavity to the TV compartment (see details A and B).

TV signal receiver The \varnothing 18 sensor is always positioned in the lower part of the TV back. Specify right or left when ordering. IR bars can only be placed in a compartment adjacent and/or below the TV back (to be specified when ordering). The cost of a wire passage is not included. The bar can only be fixed to the structural shelves.

Wire passage

The Hi-Fi compartment may be connected using a wire passage to adjacent or lower compartments. The wire passage is located behind the TV back.

Reductions

Reductions in width only possible with a back panel surcharge.

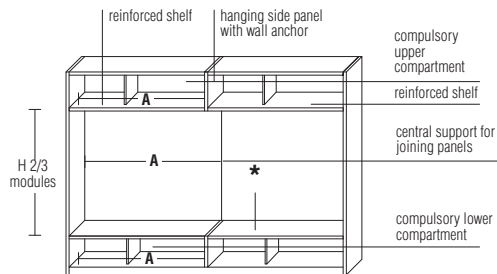
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11—
19

Compartments with multiple boiserie panels D 400

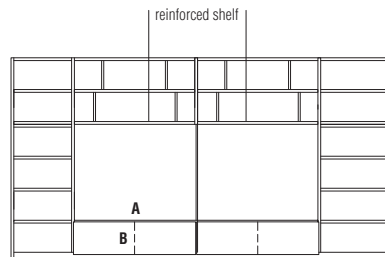
The presence of a compartment above and below the panel compartment with double panels is mandatory.

In addition, the width of the upper and lower shelves **A** must correspond to the width of the panel

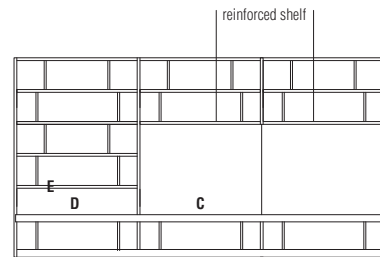


Panels can only be reduced in width.
Consider surcharge.

* The lower part of the boiserie compartment must always be finished with a wooden top thickness 10 or a protruding shelf D 540 H 72



- A** - The 10 th. wooden top is always of the same size as the boiserie compartment
- B** - The compartment can be closed with a flap door or drawers following the construction rules



- C** - The protruding shelf can be extended on more compartments in the composition
- D** - The compartment above the protruding top cannot accommodate panels of th. 32
- E** - For compartments W 1280-1440-1920 always use a reinforced shelf

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TV COMPARTMENTS D 400 (SINGLE PANEL)

Using the module widths 1280-1440-1920, it is possible to create TV compartments.
The TV compartment is always equipped with a removable backrest on which the TV can be hung. If there is a TV mounted, the client is responsible for paying for the wire hole on the back.
The back is fixed on its front. The extension must include the use of the bar even if it is mounted on the wall or the composition is suspended.

The structural shelf above the TV compartment is always reinforced.

The height of the TV back panel is lower than the height of the compartment to allow the passage of cables from the cavity to the TV compartment (see details A and B).

TV signal receiver

The \varnothing 18 sensor is always positioned in the lower part of the TV back.
Specify right or left when ordering. IR bars can only be placed in a compartment adjacent or below the TV back (to be specified when ordering). The cost of a wire passage is not included. The bar can only be fixed to the structural panels.

Wire passage

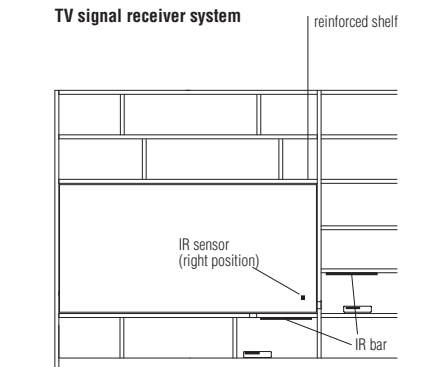
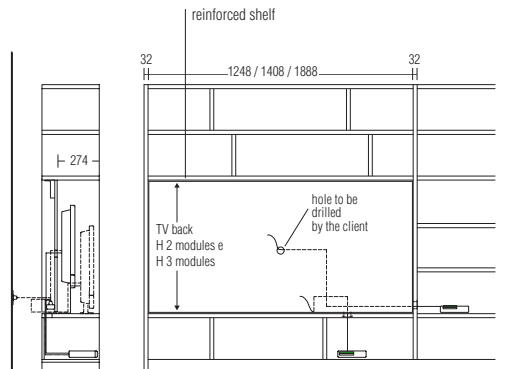
The Hi-Fi compartment may be connected using a wire passage to adjacent or lower compartments. The wire passage is located behind the TV back.

Reductions

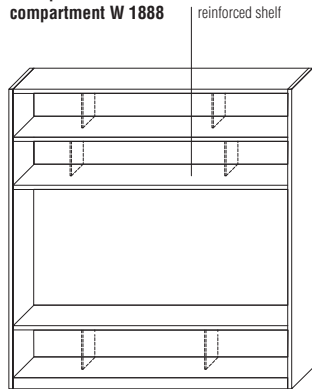
Reductions are only possible for open TV compartments at a surcharge for cutting the back panel (min. reduction H 2 modules) and for bar.

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12 –
19

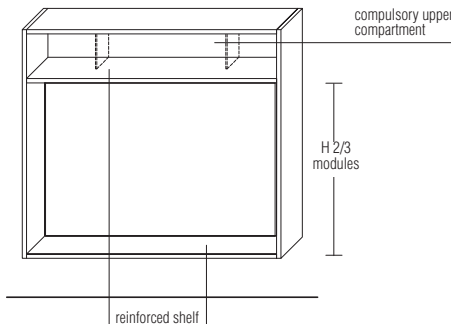


example of TV compartment W 1888



suspended TV compartment

when the TV compartment is inserted in a suspended composition an upper compartment must be provided.



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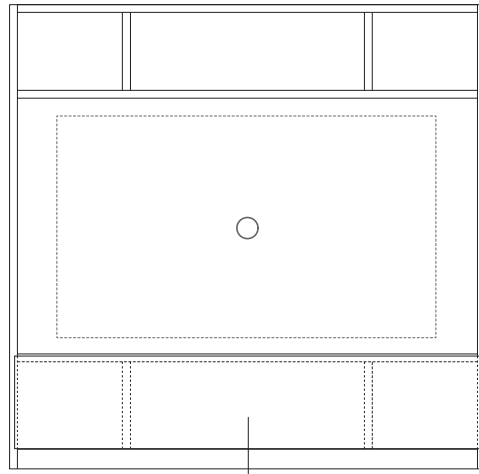
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Dimensions in millimeters and inches. The right to discontinue and make changes is reserved. This information is based on the latest product information available at the time of printing.

EXAMPLES OF TV COMPARTMENT W 1280/1440/1920

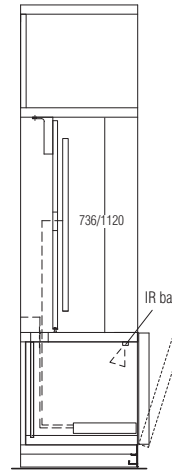
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13 -
19

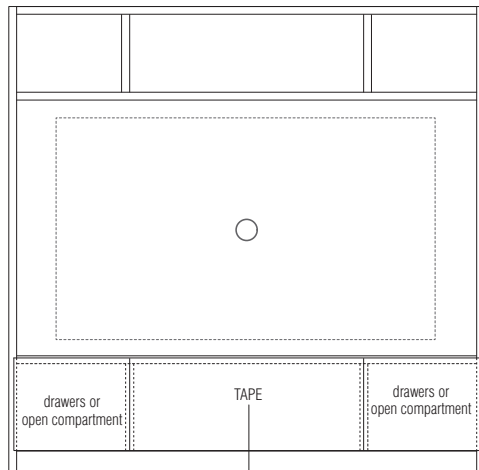


flap door (section 1)

section 1

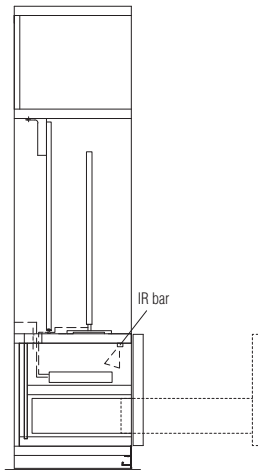


D 400

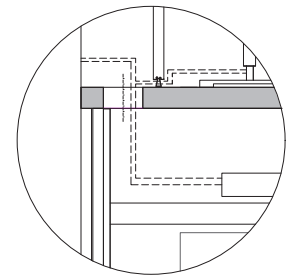


TAPE (section 2)

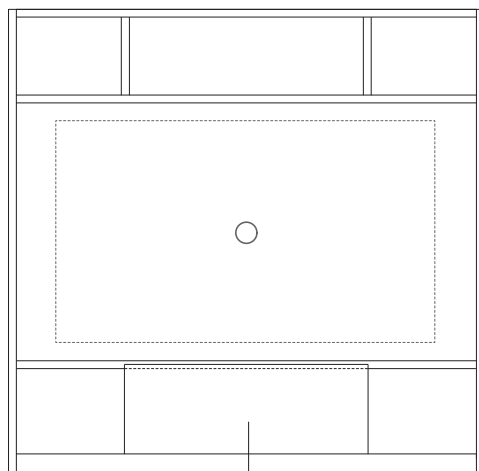
section 2



D 400

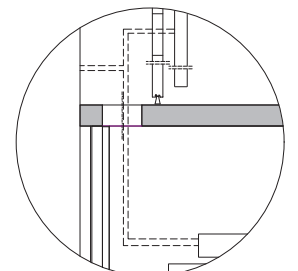
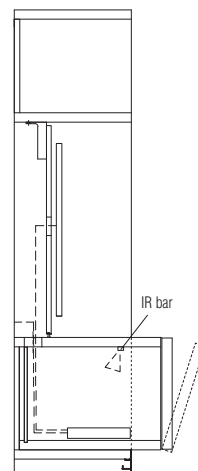


detail A - with resting TV



DISPLAY D 500
with flap door (section 3)

section 3



detail B - example with suspended TV

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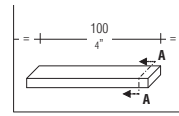
VERTICAL SLIDING DOORS AND FLAP DOORS TH. 35

The compartments of the compositions 505 UP W 1280-1440 can be closed with vertical sliding doors always in H 2 modules. The lower and upper shelves must be reinforced structural shelves with interruption of the back panel. The vertical sliding door cannot be used in the D 320. For the opening of the vertical sliding door the two upper compartments must be open. The vertical sliding mechanism is fully contained in the 2-module H compartment, or 3-module H compartment if in combination with the flap door. Two vertical sliding doors can be placed side by side. The vertical sliding door can be closed on a protruding shelf D 540 H 72.

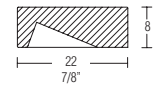
Notes

The price of the vertical sliding door includes the rails attached to the panels. On request, without extra charge, the vertical sliding door can be fitted with a type "B" handle centrally located at the bottom.

"B" type handle



section A-A



Reductions

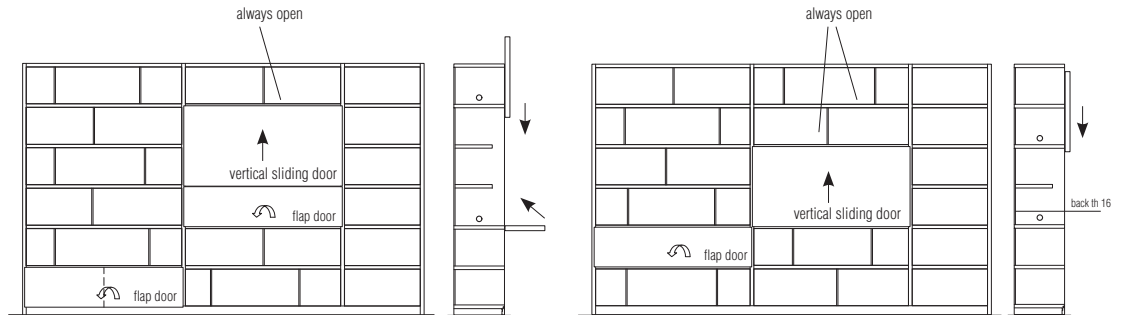
No reductions possible

* wood only with horizontal grain

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14—
19

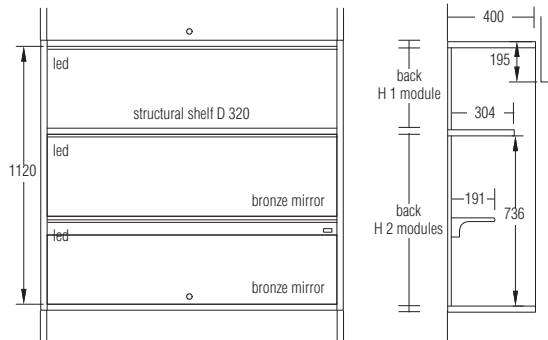
Reinforced shelves



Deluxe Interior (to insert into compartment with standard back panels)

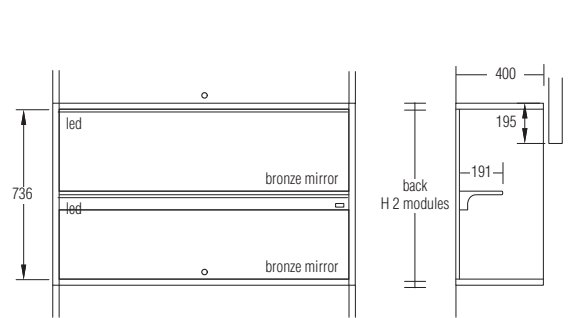
Version with vertical sliding door + flap door accessorised with:

- 2 bronze mirrors
- Shelf covered in Eco Skin in the colours of the Molteni Range with electrical outlet and USB charger
- Lighting system with 3 LED lights with switch



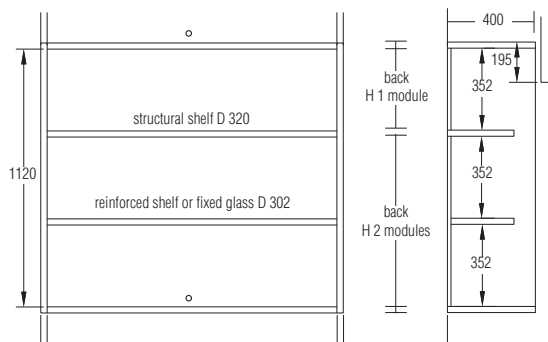
Version with vertical sliding door accessorised with:

- 2 bronze mirrors
- Shelf covered in Eco Skin in the colours of the Molteni Range with electrical outlet and USB charger
- Lighting system with 2 LED lights with switch

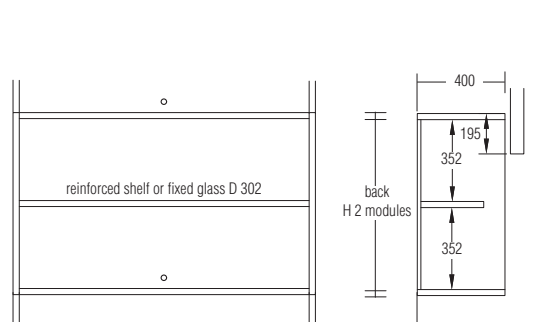


Standard interior

Version with vertical sliding door + flap door



Version with vertical sliding door



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IX.2021

PROTRUDING SHELVES D 540 H 72 / H 87 FROM THE FLOOR

Protruding tops can only be used in D 400 compositions.

In floor standing compositions the protruding top can be positioned at a height of 1 or 2 modules, in wall-hung compositions also on the base.

The protruding shelves can be used as a one-sided floor-resting base.

Protruding shelves are placed on the 32 mm structural shelves with the requirement to cut off the back panel, or on the special brackets for wall mounting (**drawing 1**).

The compartment above the protruding shelf must always have a back panel, TV panels or boiserie panels; it can only be closed with a vertical sliding door.

The compartment underneath the protruding shelf is always open.

It is possible to make protruding shelves in one piece up to 2868 mm (two modules of 1440).
For longer protruding shelves, the joint is always made at a joint (see detail below **drawing 5**).

The shelf above the protruding board in widths 1280, 1440 and 1920 must always be a reinforced structural shelf.

If used as a floor-resting unit of height higher than 2868 mm, make sure two finished elements are placed adjacent to it.

The shelves can be reduced in width when they are free-standing (**drawing 4**) or for the external part of the composition (**drawing 3**).
Cutting to size is included in the price.

The fixing of the wall brackets is the responsibility of the customer and must be carried out in a workmanlike manner, on masonry walls suitable to support the weight and load of the top.

The price of the fixing brackets is not included in the price of the protruding shelf.

The quantity of brackets to be used for free-standing shelves or shelves outside the composition is indicated in the price list according to the corresponding size.

The **EPA3** wire passage can always be applied in a central position with respect to the lower compartment; in the case of a shelf outside the composition, it is expected to be centred with respect to the projecting measurement. Not suitable for floor-resting base units.
In the case of Eco Skin shelf, the wire passage will be supplied matt lacquered in a corresponding colour.

Shelf wood finishes

eucalyptus
graphite oak

Shelf Eco Skin finishes

grey
mink
hemp
ivory
dark brown
earth
arctic
taupe

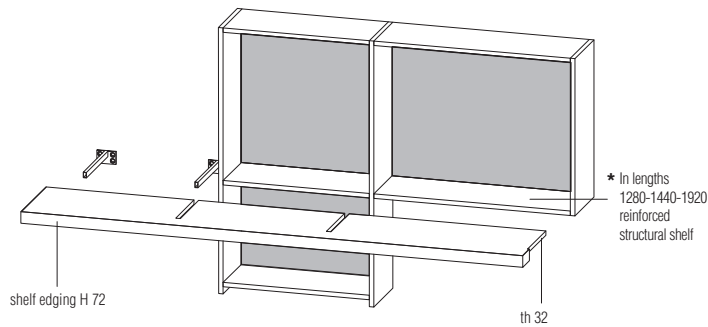
Shelf edging finishes

matt lacquer colours in the Molteni colour range
pewter colour painted
copper painted

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15—
19

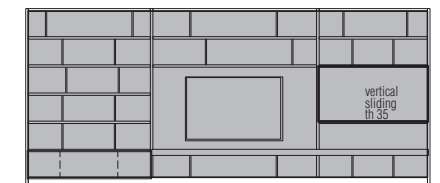
Drawing 1 - Construction diagram



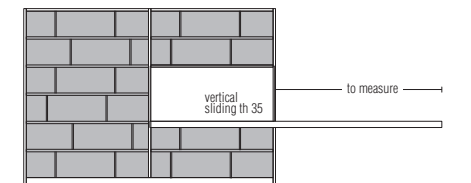
Drawing 6



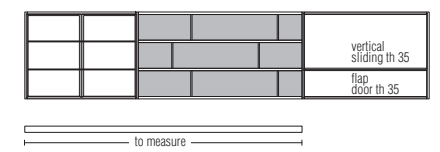
Drawing 2



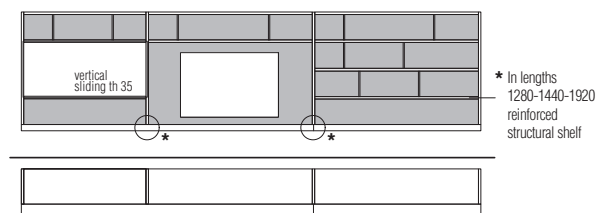
Drawing 3



Drawing 4



Drawing 5



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REGISTERED
DESIGN

IX.2021

PROTRUDING ELEMENTS DISPLAY D 500

DISPLAY protruding elements can only be inserted in D 400 modules.
Only an open DISPLAY can be placed above and below the DISPLAY with flap door.
Protruding DISPLAY elements are not reducible.

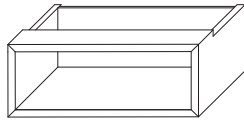
Warning:
the installation of the DISPLAY in the W 960/1280/1440/1920 modules always requires the use of reinforced structural shelves.

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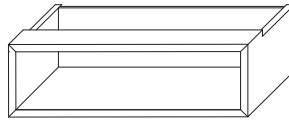
16 -
19

Open DISPLAY D 500

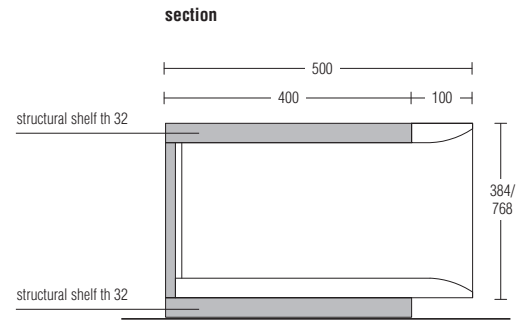
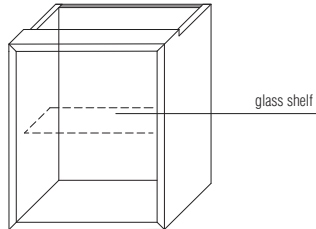
W 928 H 384



W 1248 H 384



W 608 H 768



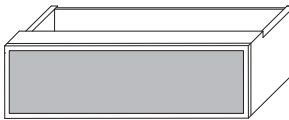
DISPLAY with doors and drawers D 522 / 535

W 928 H 384



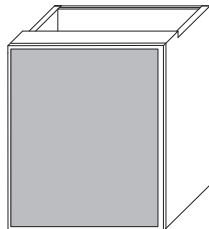
Flap door and drawer
th 22 or 35

W 1248 H 384



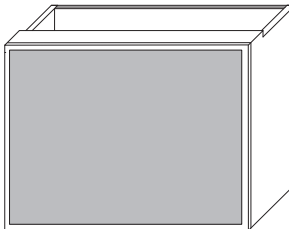
Flap door and drawer
th 22 or 35

W 608 H 768

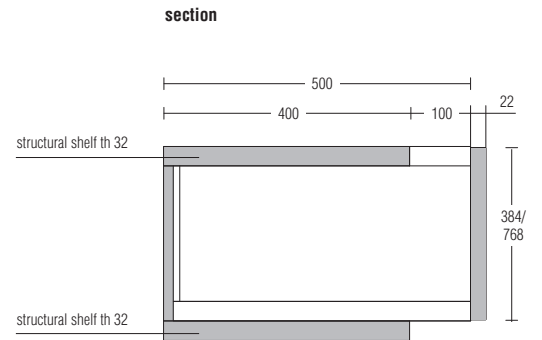


Hinged door
th 22 or 35

W 1248 H 768



Vertical sliding door
th 35



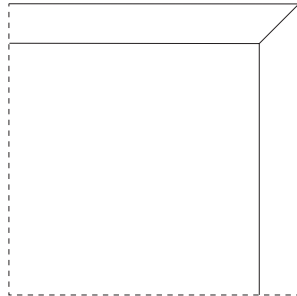
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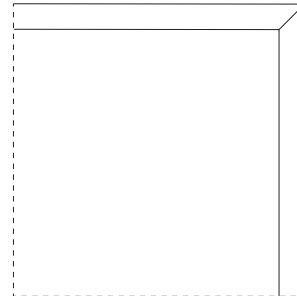
IX.2021

DOORS

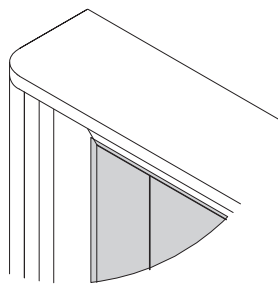
**pressure opening
th 35**



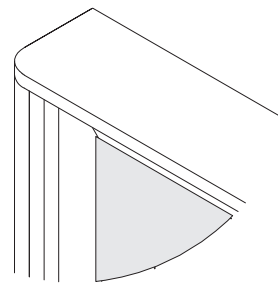
**pressure opening
th 22**



**hinged
opening glass
th 35**



**hinged
opening Eco Skin
th 35**



EXTERNAL DRAWERS WITH PRESSURE OPENING D 400 - TH. 22

Standard version comes with cushioned fully extractable runners.

* wooden drawers only with horizontal grain

** horizontal satin finish

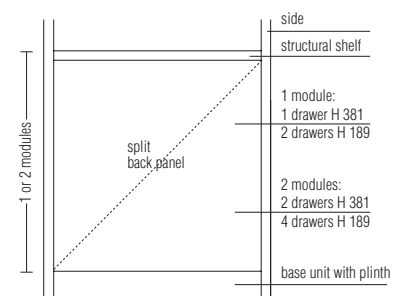
Reductions

No reductions possible

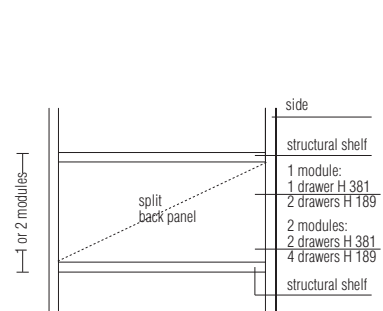
Notes

External drawers can be inserted into compartments with a height of 1 or 2 modules with a back panel of 16 mm th.

Drawers placed on the base



Drawers within the unit



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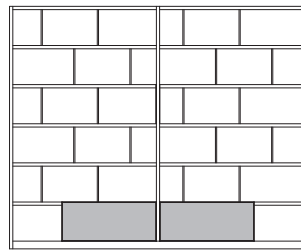
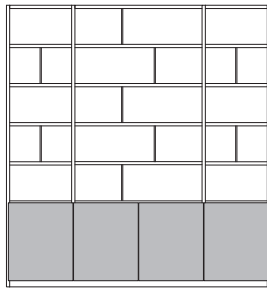
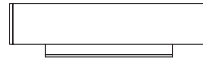
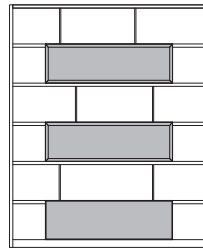
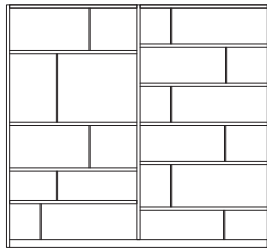
IX.2021

COMPOSITION EXAMPLES

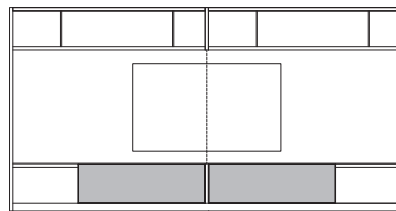
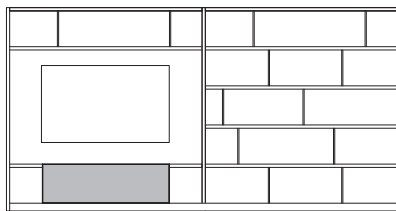
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18 -
19

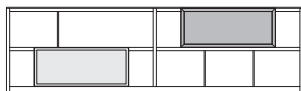
Bookshelves



TV compartments



Service elements



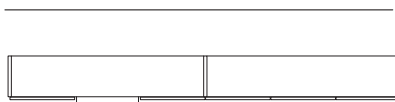
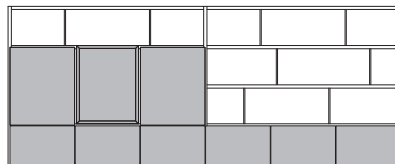
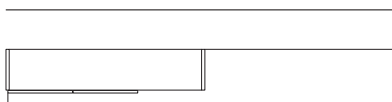
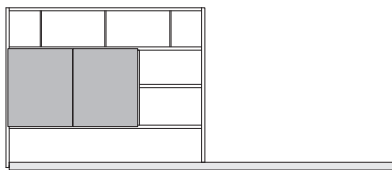
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IX.2021

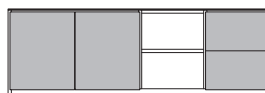
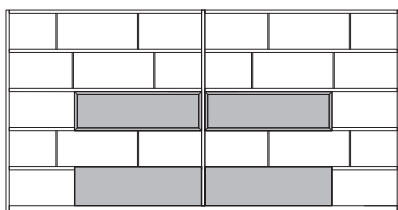
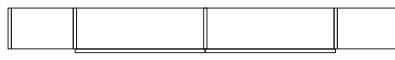
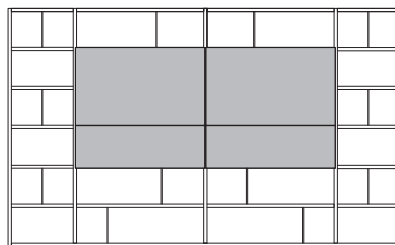
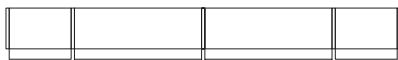
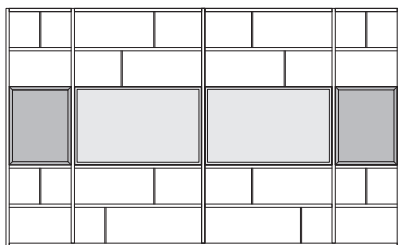
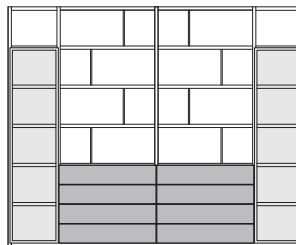
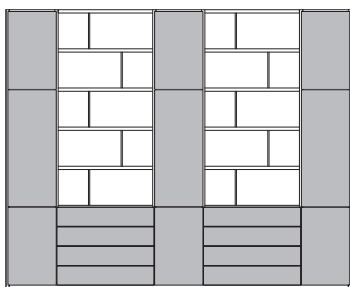
COMPOSITION EXAMPLES

Storage or service elements



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19 -
19



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IX.2021