





NATURAL WOOD ON THE INSIDE

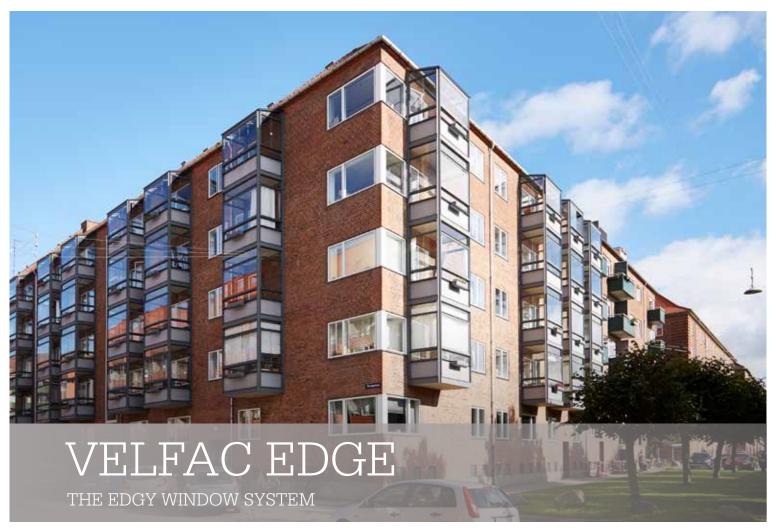


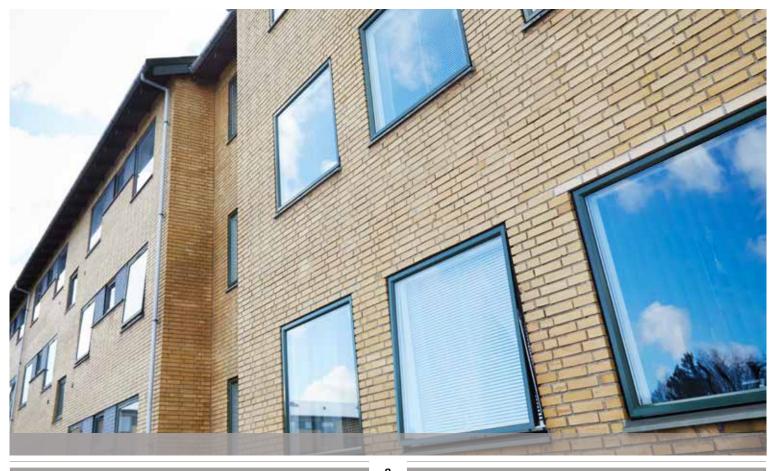
REVERSIBLE WINDOWS ALLOW CLEANING FROM INSIDE



SHAPED WINDOW OPTION







VELFAC EDGE - OVERVIEW

CHARACTERISTICS

Minimalistic edgy design - stylish and sophisticated

Uniform sightlines regardless of opening function

Market leading warranty of 12 years

Uw values down to 1.3 W/m²K

Available as 32mm double layer glazing



New product ramge with +30 years experience

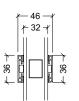
SASH VARIATIONS

VELFAC Edge 32mm double glazed unit

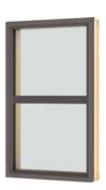
GLAZING BARS AND WINDOWS



36mm



36mm energy glazing bar



54mm



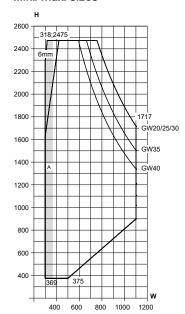
54mm energy glazing bar

SIDEHUNG WINDOW



- The sash opens up to 90°
- Concealed hinges
- An adjustable friction brake allows random opening position
- The espagnolette has a built-in ventilation position
- Available as 2-leaf with French casement mullion

Min./max. sizes



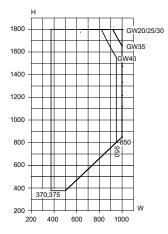
GW = glass weight (see page 14) A = with circular catch handle

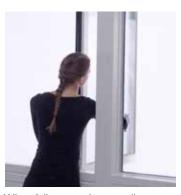
SIDE-GUIDED WINDOW



- To open, the sash moves on guide rails mounted on the head and cill
- The sash stops at approx. 90°
- When fully opened, a 15cm (minimum) gap allows cleaning from the inside
- The espagnolette has a built-in ventilation position
- An adjustable friction brake allows random opening position
- Available as 2-leaf with French casement mullion

Min./max. sizes





When fully opened, a gap allows external cleaning from the inside.

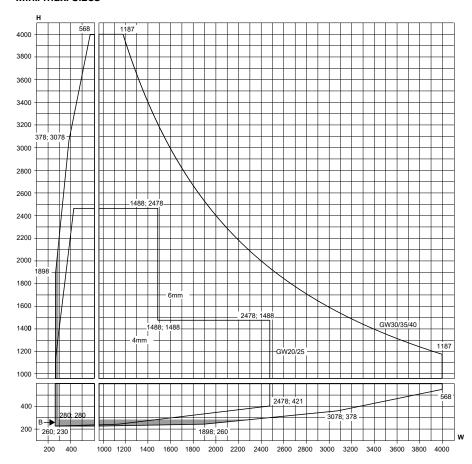
FIXED CASEMENT





- The frame and sash are integrated
- Appears identical to all VELFAC Edge window types

Min./max. sizes



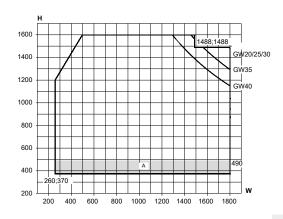
TOP-GUIDED WINDOW





- When opened the sash provides a ventilation gap at the head
- The espagnolette has a built-in ventilation position
- The balance arms have built-in adjustable friction brakes allowing random opening position

Min./max. sizes



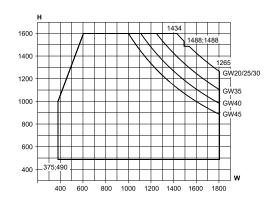
GW = glass weight (see page 14)
A = With circular catch handle
and friction brake
B = elements with multiple sashes only

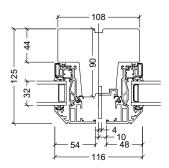
TOPHUNG FULLY REVERSIBLE WINDOW - WITH NO OVERSAIL - WITH 48MM SIGHTLINES



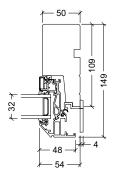
- The sash can be rotated by up to 170° to allow cleaning from the inside
- A safety restrictor is triggered when the window is opened approx. 5cm
- The window can be reversed to the cleaning position where an automatic catch keeps the window in place
- The espagnolette has a built-in ventilation position
- No oversail
- Rotating arms mean 48mm jamb sightline
- Due to the rotating arms a sealing of minimum 10mm is required

Min./max. sizes





Mullion with uniform sightline window to the left and tophung fully reversible window with slightly different sightlines to the right



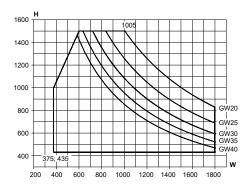
Jamb. NB. the sash is 4mm slimmer in both sides than the standard sash

TOPHUNG FULLY REVERSIBLE WINDOW - UNIFORM SIGHTLINES



- The sash can be rotated by up to 170° to allow cleaning from the inside
- A safety restrictor is triggered when the window is opened approx. 5cm
- The window can be reversed to the cleaning position where an automatic catch keeps the window in place
- The espagnolette has a built-in ventilation position
- Max. setback 100mm to avoid oversail clash

Min./max. sizes



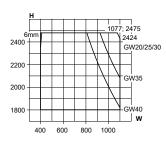
GW = glass weight (see page 14)

CASEMENT DOOR, 1-LEAF



- The sash opens up to 90°
- Concealed hinges
- An adjustable friction brake allows random opening position
- Can be supplied to allow 180° opening but is then not fitted with friction arm
- The espagnolette has a built-in ventilation position
- Supplied with 15mm or 52mm threshold

Min./max. sizes



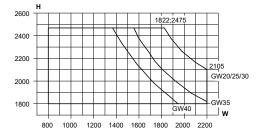
GW = glass weight (see page 14)

CASEMENT DOOR, 2-LEAF



- Please refer to Casement door,
 1-leaf for information
- Freeing the flushbolt in the French casement mullion allows the slave door to be opened

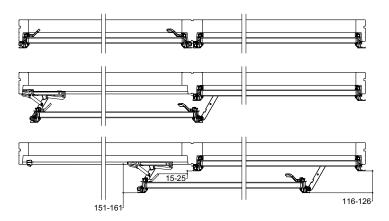
Min./max. sizes



SLIDING CASEMENT DOOR WITH 70MM THRESHOLD, 1-LEAF

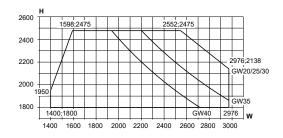


- The sliding door provides up to 1.2m free opening
- The frame profile of the door matches that of the VELFAC Edge window series
- When opened, the master door moves outwards from the frame, and then slides across the adjacent fixed sash (116-126mm out)
- 70mm threshold with alu-treadplate



How to open the sliding casement door

Min./max. sizes Complete unit (symmetric)

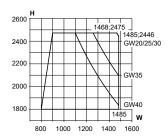


GW = glass weight (see page 14)

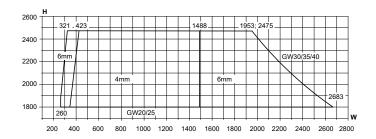
Asymmetric sashes

All asymmetric sashes and large symmetric sashes will be supplied separately and must be fixed on site.

Min./max. sizes Opening sash



Min./max. sizes Fixed sash

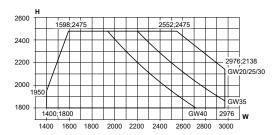


SLIDING CASEMENT DOOR WITH 70MM THRESHOLD, 2-LEAF

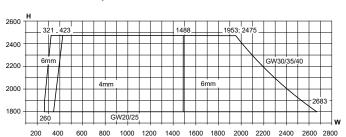


- The sliding door provides up to 2.5m free opening
- The frame profile of the door matches that of the VELFAC Edge window series
- When opened, the master doors move outwards from the frame, and then slide across the adjacent fixed sashes (116-126mm out)
- 70mm threshold with alu-treadplate
- The slave leaf will be opened by freeing the espagnolette handle and the flushbolt in the mullion

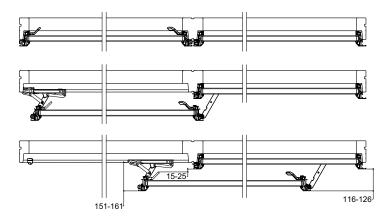
Min./max. sizes The opening sashes together



Min./max. sizes The fixed sashes per sash



The opening sashes element and the fixed elements will be supplied separately and must be fixed on site.

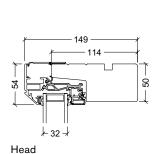


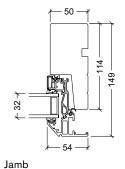
How to open the sliding casement door (shown here as 1-leaf)

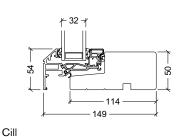
GW = glass weight (see page 14)

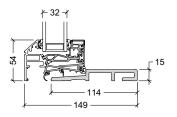
VELFAC EDGE - FRAMES, MULLIONS AND TRANSOMS

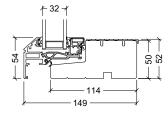
FRAMES

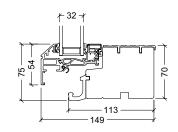










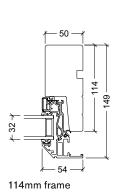


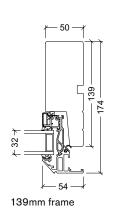
15mm threshold, casement door

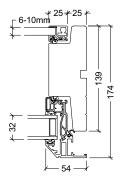
52mm threshold, casement door

Threshold, sliding casement door

FRAME VARIATIONS



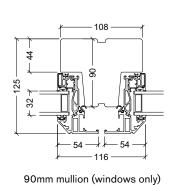


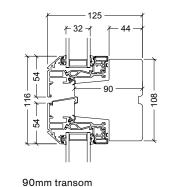


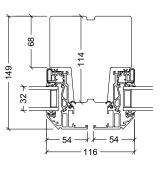
139mm frame with internal sash

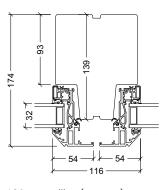
MULLIONS AND TRANSOMS

MULLION AND TRANSOM VARIATIONS









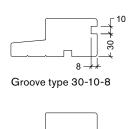
114mm mullion (transom)

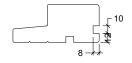
139mm mullion (transom)

VELFAC EDGE - FRAME OPTIONS + HANDLES

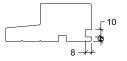
VELFAC EDGE - GROOVES, REBATES AND FRAME EXTENSION PACKERS

Please note that the grooves, rebates and packers are shown in 114mm, but are also available with 139mm frame.

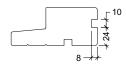




Groove type 12-10-8

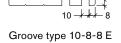


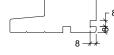
Groove type 6-10-8



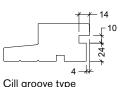


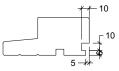
Groove type 24-10-8

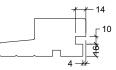




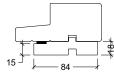












Cill groove type 24x10x14/4



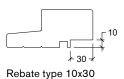
Cill groove type 16x10x14/4

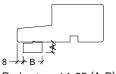
Packer type 18x104

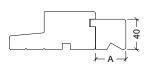
Packer type 18x84 Also available for sliding casement doors











Rebate type 20x30

Rebate type 15x30

Packer type 14x25 (AxB) Packer type 20x35 (AxB)

Packer type D40x40 (A) Packer type D40x60 (A)

HANDLES



Espagnolette. Standard in all open functions.



Espagnolette with lock. Supplied with lock and key for extra security.



Espagnolette with childlock. Supplied with child-lock



Espagnolette for cylinder lock. Supplied with or without lock and key.



Ventilation position. The striking plate allows a 5mm night ventilation opening for all espagnolette handles.



VELFAC Maxi-Handle for all espagnolette handles. Due to its shape and rough surface, the handle is easier to use, e.g. for elderly people. Supplied separately.



External handle for casement and sliding casement door. Supplied separately.



Flushbolt for operation of the French casement mullion in 2-leaf elements.

VELFAC EDGE - FITTINGS + ACCESSORIES

SECURITY FITTINGS AND ACCESSORIES



External stay for casement doors.



PN fitting. Makes forced entry more difficult.



Friction brake. Standard in sidehung, side- and top-guided windows and casement doors.



180° hinge for casement doors. Not available in combination with friction brake.



Lockable restrictor. Not avaible for sliding casement doors. Length: 160mm and 270mm.



Circular catch handle ensures wind and water tightness for tall topguided and reversible windows.



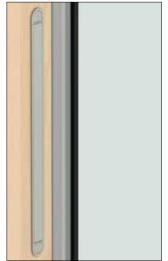
Standard restrictor w/ventilation position lock. Not available for sliding casement door.

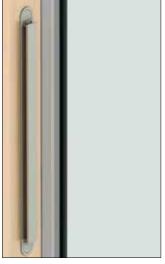


Electric opener for remote operation for windows. Can be computer controlled for fully naturally ventilated projects. Fully concealed in the frame. Three chain lengths offering 60mm, 210mm and 440mm clear opening.



 $\label{lockable restrictor.} \textbf{Lockable restrictor.} \ \textbf{Not available for sliding casement door.}$





Click vent. Anodized surface finish. Fully concealed. Free ventilation opening: 3000mm². For the equivalent free opening, please refer to our website.



Acoustic trickle vent. The vent is machined into a timber packer with an external aluminium profile in the same colour as the window sashes. Documentation on air flow can be requested. Achieves a sound reduction value of Dn,e,w 40 dB.

VELFAC EDGE - COLOURS AND GLAZING

COLOURS

External colours and surface finishes

The external aluminium sashes are surface treated in a hard-wearing Polyester-powder coating available in a wide range of RAL colours, VELFAC Granite, metallic finish in RAL 9006 & 9007, or anodised silver or bronze.







VELFAC Granite



Anodised

Internal colours and surface finishes

The wood frames are treated with a clear lacquer to enhance the warmth of the natural grain, or painted in one of a range of RAL colours to match the interior decor.



Popular internal surface finishes



Internal VELFAC Edge glazing beads



CALCULATION OF GLASS WEIGHT

All window glass, including any laminating materiel, has a weight of 2.5 kg per square metre, per millimetre thickness. The weight of the spacer profile is unimportant and therefore not measured.

Glazing	Calculation of glass weight (GW)		
4-24-4	= (4+4) x 2.5 kg	= 20 kg/m ²	= GW 20
6-22-4	= (6+4) x 2.5 kg	= 25 kg/m ²	= GW 25
3/0.38/3-22-4	= (6+4) x 2.5 kg	= 25 kg/m ²	= GW 25
6-20-6	= (6+6) x 2.5 kg	= 30 kg/m ²	= GW 30
8-16-4/0.38/4	= (8+8) x 2.5 kg	= 40 kg/m ²	= GW 40

WINDOW TERMINOLOGY















Please ask for our FSC $\!\!^{\scriptscriptstyle{\circledR}}$ -certified products.

Contact VELFAC at

E: enquiries@VELFAC.ie E: service@VELFAC.ie W: www.VELFAC.ie



