

MAX

GUL

Cost-effective system, where extreme thermal insulation is not a priority, and **cost is!**

5 configurations, 2 or 3 frames (50%, 66% opening) Window, Door or Countertop

Sizes 3.6m width x 3.6m in height, operable frame weigh up to 190kg

New or retrofit installation with ease

Non-thermally broken profile system

Frames will accept Single or IG of up to 20mm

MAXI

GUM & GUM+

Residential & Commercial use, excellent weather & thermal performance

6 configurations, 2, 3 or 4 frames (50%, 66% or 75% opening) Window or Door

Sizes 5.0m width x 5.0m in height, operable frame weigh up to 660kg

New or retrofit installation with ease

Designed with thermally broken structural system, motor box and window

Frames will accept Single or IG of up to 32mm

MAXI

FAÇADE GUF & GUF+

Curtin wall, Resdential & Commercial use, excellent weather & thermal performance

2 configurations (50% opening) Window or Door

Sizes 6.0m width x 4.5 m in height. operable frame weigh up to 550kg

New or retrofit installation with ease

Designed with thermally broken structural system, motor box and window frames

Frames will accept IG of up to 38mm, 1.3 (W/m2K) with 0.8Ug triple glass optional

MAXIMA

GUG+

Screw drive system for large span & weight, excellent weather & thermal performance

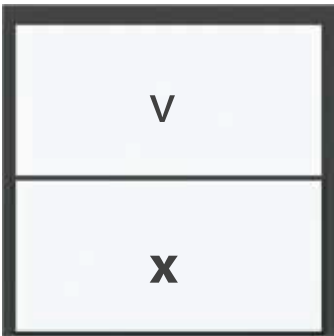
4 configurations, 3 or 4 frames (66% or 75% opening) Window or Door

Sizes 6m width x 5m height, operable frame weigh up to 1000kg

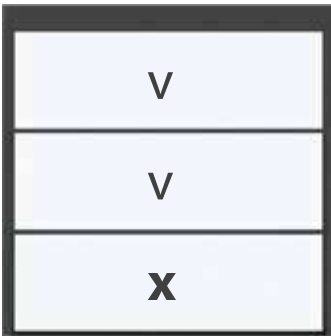
New or retrofit installation with ease

Designed with thermally broken structural system, motor box and window frame

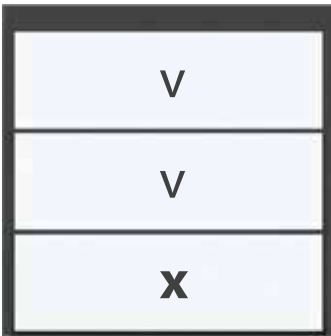
Frames will accept IG of up to 38mm, 1.3 (W/m2K) with 0.8Ug triple glass optional



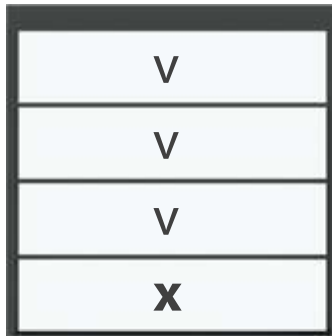
W2



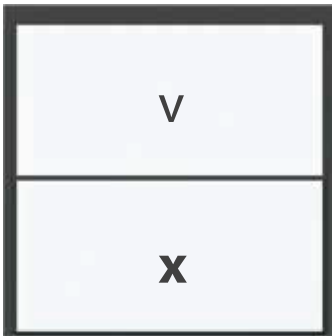
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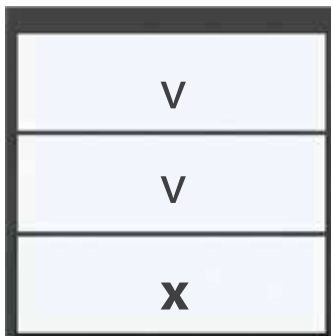
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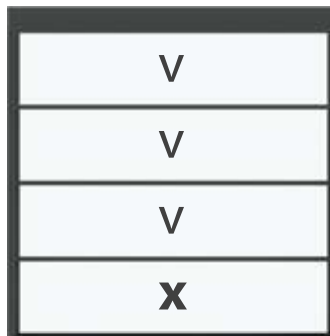
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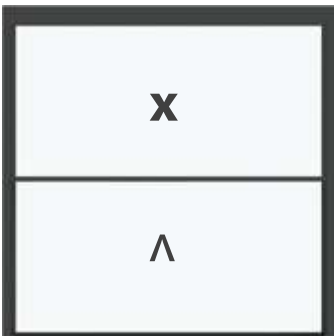
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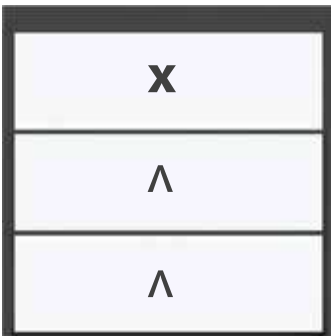
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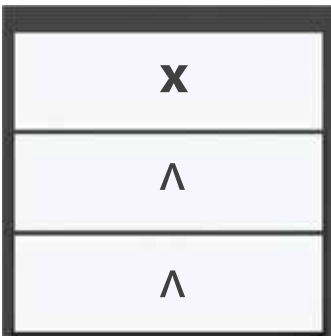
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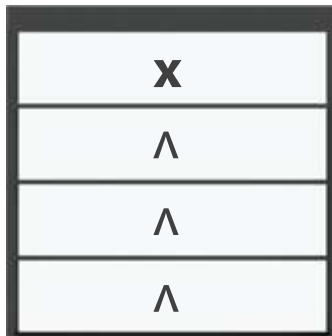
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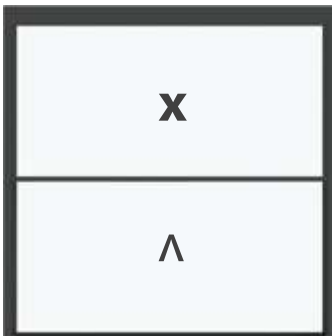
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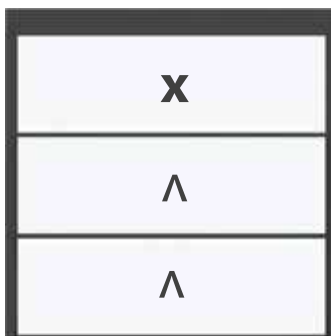
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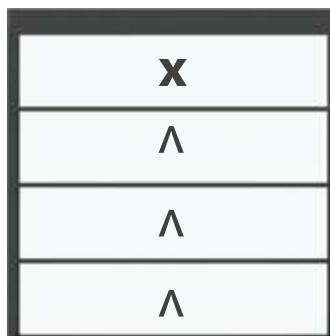
D4



D2



D3



D4

MAX  
GUL

MAXI  
GUM & GUM+

MAXI  
FAÇADE GUF & GUF+

MAXIMA  
GUG+

| Mechanical & Electrical |                                    | Standard  | Standard GUM  | Optional GUM+                        | Standard GUF  | Optional GUF+                        | Standard  |
|-------------------------|------------------------------------|---|---|--------------------------------------|---|--------------------------------------|---|
|                         | Motor & Input Voltage              | 120Nm Tubular, 220VAC/50hz  | 120Nm Tubular, 220VAC/50hz  | 300Nm Tubular, 220VAC/50hz           | 120Nm Tubular, 220VAC/50hz  | 300Nm Tubular, 220VAC/50hz           | 2 x 0.37kW 3-Phase Motors. 220VAC/50Hz  |
|                         | Drive System                       | Direct chain drive, 12.7mm (1/2")   | Proprietary gearbox chain drive, 12.7mm (1/2")  |                                      | Proprietary gearbox chain drive, 12.7mm (1/2")  |                                      | Double Vertical Screw Drive   |
|                         | Open & Close Speed                 | 2.2 m/min - 7.22 ft/min   | 2.1 to 2.7 m/min - 6.9 to 9.0 ft/min  | 2.1 to 2.7 m/min - 6.9 to 9.0 ft/min | 1.6 to 2.1 m/min - 5.4 to 7.0 ft/min  | 1.6 to 2.1 m/min - 5.4 to 7.0 ft/min | 1.5 m/min - 4.9 ft/min  |
|                         | Control System                     | Toggle Switch (Non latching)<br><b>Optional:</b> Multi Channel Wireless Remote (6, 18, 99 channel)<br>My Nice (BAS) integration | Wall mounted single channel remote, (MC200 Receiver)<br><b>Optional:</b> Multi Channel Wireless Remote (6, 18, 99 channel)<br>My Nice (BAS) integration |                                      | Wall mounted single channel remote, (MC200 Receiver)<br><b>Optional:</b> Multi Channel Wireless Remote (6, 18, 99 channel)<br>My Nice (BAS) integration |                                      | Wall mounted single channel remote, Programable PLC<br><b>Optional:</b> Multi Channel Wireless Remote (6, 18, 99 channel), Rain Sensor, My Nice or other (BAS) integration via dry contacts |
|                         | Closed Door Lock                   | Standard: N/A <b>Optional:</b> Mechanical Latch (for Door version only)   | Standard: N/A <b>Optional:</b> Mechanical Latch (for Door version only)   |                                      | Standard: N/A <b>Optional:</b> Mechanical Latch (for Door version only)   |                                      | Not required due to screw drive design  |
|                         | Safety Sensors                     | <b>Standard:</b> N/A<br><b>Optional:</b> One inferred safety sensor   | <b>Standard:</b> One inferred safety sensor for Doors<br><b>Optional:</b> Light Barrier (exterior). Second inferred safety sensor                       |                                      | <b>Standard:</b> One inferred safety sensor for Doors<br><b>Optional:</b> One inferred safety sensor for Window systems                                 |                                      | <b>Standard:</b> One inferred safety sensor<br><b>Optional:</b> Light Barrier (exterior). Second inferred safety sensor   |
|                         | Motor Box Sizes (w x h)            | 125 x 125mm, (4.9" x 4.9")  | 162 x 210 mm, (6.4" x 8.3")   |                                      | 125 x 210 mm, (4.9" x 8.3")   |                                      | 195 x 210 mm, (7.7" x 8.3")   |
| Structural              | Design Options                     | 2 sash 50%, 3 sash 66% opening<br>Available as Window or Door   | 2 sash 50%, 3 sash 66%, 4 sash 75% opening.<br>Available as Window or Door  |                                      | 2 sash 50% opening Available<br>as Window or Door   |                                      | 3 sash 66%, 4 sash 75% opening.<br>Available as Window or Door  |
|                         | Glazing                            | Standard: Single 6T mm T (3/16"T)<br><b>Optional:</b> IG, 5T+10+5T mm, (3/16"T+3/8"+3/16"T)                                     | Standard: IG, 6T+20+6T mm, (1/4"T+3/4"+1/4"T)<br>Max 32mm (1 9/32")   |                                      | Standard: IG, 8T+20+8T mm (5/16" T+ 3/4"+ 5/16T)<br><b>Optional:</b> Triple Glass 6T+10.5+5T+10.5+6T. Max 38mm (1 1/2")*                                |                                      | Standard: IG, 8T+20+8T mm, (5/16" T+ 3/4"+ 5/16T)<br><b>Optional:</b> Triple 6T+10.5+5T+10.5+6T. Max 38mm (1 1/2")*   |
|                         | Structural Support Fin             | <b>Optional:</b> Single or Dual, 80 or 130mm (3 5/32" or 5 1/8")  | <b>Optional:</b> Single or Dual, 80 or 130mm (3 5/32" or 5 1/8")  |                                      | <b>Optional:</b> Single or Dual, 80 or 130mm (3 5/32" or 5 1/8")  |                                      | <b>Optional:</b> Single or Dual, 80 or 130 mm (3 5/32" or 5 1/8")   |
|                         | Balustrade Bar                     | <b>Optional,</b> Windows Only   | <b>Optional,</b> Windows Only   |                                      | <b>Optional,</b> Windows Only   |                                      | <b>Optional,</b> Windows Only   |
|                         | Operable Sash Weight               | Up to 190kg (419 lb.)   | 170 to 250 kg, (375 to 550 lb.)   | 250 to 660 kg, (375 to 1450 lb.)     | 210 to 280 kg, (460 to 610 lb.)   | 280 to 550 kg, (615 to1210 lb.)      | Up to 1000 kg (2200 lb.)  |
|                         | Max Width & Height                 | 3.6 x 3.6 m, (137" x 137")  | 5.0 x 5.0 m, (196" x 196")  |                                      | 6.0 x 4.5 m, (236" x 177")  |                                      | 6.0 x 5.0 m, (236" x 196")  |
|                         | Min Width                          | 1.2 m (48")   | 1.8 m (63")   |                                      | 1.8 m (63")   |                                      | 1.8 m (63")   |
|                         | Weather Seals                      | Silent-fin Brush Pile with PVC fin & EPDM seals   | Silent-fin Brush Pile with PVC fin & EPDM seals   |                                      | Silent-fin Brush Pile with PVC fin & EPDM seals   |                                      | Silent-fin Brush Pile with PVC fin & EPDM seals   |
| Standards               | Profile Type                       | Non-thermally broken; Motor box, Sash, Jamb All aluminum 6063-T6 alloy  | Thermally broken; Motor box, Sash, Jamb All aluminum 6063-T6 alloy  |                                      | Thermally broken; Motor box, Sash, Jamb All aluminum 6063-T6 alloy  |                                      | Thermally broken; Motor box, Sash, Jamb All aluminum 6063-T6 alloy  |
|                         | Surface Finish                     | Electrostatic baked-on powder coating   | Electrostatic baked-on powder coating   |                                      | Electrostatic baked-on powder coating   |                                      | Electrostatic baked-on powder coating   |
|                         | System Color                       | 5 standard RAL colors (7024, 9005, 9010, 9006, 1019)  | Standard RAL (8003, 9005, 9010, 1019, 7016, 8014, 9006, 7024)<br><b>Optional:</b> Other RAL colors & Custom colors                                      |                                      | Standard RAL (8003, 9005, 9010, 1019, 7016, 8014, 9006, 7024)<br><b>Optional:</b> Other RAL colors & Custom colors                                      |                                      | Standard RAL (8003, 9005, 9010, 1019, 7016, 8014, 9006, 7024)<br><b>Optional:</b> Other RAL colors & Custom colors  |
|                         | Watertightness EN 12208            | Class 5A (at 250 Pa)  | Class 6A (at 250 Pa)  |                                      | Class 7A (at 300 Pa)  |                                      | Class 7A (at 300 Pa)  |
|                         | Resistance to Safety Load EN 12210 | OK (at +800 Pa) : OK (at -800 Pa)   | OK (at +1800 Pa) : OK (at -1800 Pa)   |                                      | OK (at +1800 Pa) : OK (at -1800 Pa)   |                                      | OK (at +1800 Pa) : OK (at -1800 Pa)   |
|                         | Air Permeability EN 12207          | Class 2 (at +600 Pa) ; Class 2 (at -600 Pa)   | Class 3 (at +600 Pa) ; Class 3 (at -600 Pa)   |                                      | Class 3 & 2 (at +600 Pa) ; Class 3 & 2 (at -600 Pa)   |                                      | Class 3 (at +600 Pa) ; Class 3 (at -600 Pa)   |
|                         | Resistance to Wind Load EN 12210   | Class B2 (at +800 Pa) ; Class B2 (at -800 Pa)   | Class C3 (at +1200 Pa) ; Class C3 (at -1200 Pa)   |                                      | Class C3 (at +1200 Pa) ; Class C3 (at -1200 Pa)   |                                      | Class C3 (at +1200 Pa) ; Class C3 (at -1200 Pa)   |
|                         | Maximum Thermal Insulation         | Uw = 2.4 W/m2K. (IG 5T+10+5T mm)  | Uw= 1.6 W/m2K, (with Ug = 1.1 IG)   |                                      | UW= 1.45 W/m2K, (with Ug = 1.1 glass)<br><b>Optional:</b> Uw = 1.3 W/m2K, (Ug = 0.8 W/m2K with Triple IG)*  |                                      | Uw = 1.45 W/m2K, (with Ug = 1.1 glass)<br><b>Optional:</b> Uw = 1.3 W/m2K, (Ug = 0.8 W/m2K, Triple IG)*   |

\*Please consult your project representative for technical details.