

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 11.5' width x 11.5' in height, operable frame weigh up to 418.9 lbs

New or retrofit installation with ease

Non-thermally broken profile system
Frames will accept Single or IG of up to .8"

MAXI

GUM & GUM+

Residential & Commercial use, excellent weather & thermal performance

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

Sizes 16.4' width x 16.4' in height, operable frame weigh up to 1455 lbs

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 .8"

MAXI

FAÇADE GUF & GUF+

Curtain wall, Residential & Commercial use, excellent weather & thermal performance

2 configurations (50% opening) Window or Door

Sizes 19.7' width x 14.8' in height, operable frame weigh up to 1212.5 lbs

New or retrofit installation with ease

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

Frames will accept IG of up to 1.5", 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 19.7' width x 14.8' height, operable frame weigh up to 2204.6 lbs

New or retrofit installation with ease

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

Frames will accept IG of up to 1.5", 1.3 (W/m2K) with 0.8Ug triple glass optional

PANORA (GU) SYSTEMS PRODUCTION PROGRAM & OPTIONS

	MAX (GUL)	MAXI (GUM GUM+)		MAXI FAÇADE (GUF GUF+)		MAXIMA (GUG+)
	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, 1/2"	Proprietary gearbox chain drive, 1/2"		Proprietary gearbox chain drive, 1/2"		Double Vertical Screw Drive
Open & Close Speed	7.22 ft/min	6.9 to 9.0 ft/min	6.9 to 9.0 ft/min	5.4 to 7.0 ft/min	5.4 to 7.0 ft/min	4.9 ft/min
Control System	Toggle Switch (Non latching) Optional: Multi Channel Wireless Remote {6, 18, 99 channel} My Nice (BAS) integration	Wall mounted single channel remote, (MC200 Receiver) Optional: Multi Channel Wireless Remote {6, 18, 99 channel} My Nice (BAS) integration		Wall mounted single channel remote, (MC200 Receiver) Optional: Multi Channel Wireless Remote {6, 18, 99 channel} My Nice (BAS) integration		Wall mounted single channel remote, Programmable PLC Optional: 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 Optional: Mechanical Latch (For Door version only)	Standard: N/A Optional: Mechanical Latch (for Door version only)		Standard: N/A Optional: Mechanical Latch (for Door version only)		Not required due to screw drive design
Safety Sensors	Standard: N/A Optional: One inferred safety sensor	Standard: One inferred safety sensor for Doors Optional: Light Barrier (exterior). Second inferred safety sensor		Standard: One inferred safety sensor for Doors Optional: One inferred safety sensor For Window systems		Standard: One inferred safety sensor Optional: Light Barrier (exterior). Second inferred safety sensor
Motor Box Sizes (w x h)	4.9" x 4.9"	6.4" x 8.3"		4.9" x 8.3"		7.7" x 8.3"
Design Options	2 sash 50%, 3 sash 66% opening Available as Window or Door	3 sash 66%, 4 sash 75% opening Available as Window or Door		2 sash 50% opening Available as Window or Door		3 sash 66%, 4 sash 75% opening Available as Window or Door
Glazing	Standard: IG, 3/16" T+3/8"+3/16" T Optional: Single 3/16" T	Standard: IG, 1/4" T+3/4"+1/4" T Max 1 9/32"		Standard: IG, 5/10" T+ 3/4"+ 5/10T Optional: Triple Glass 6T+10.5+5T+10.5+6T. Max 1 1/2",**		Standard: IG, 5/10" T+ 3/4"+ 5/10T Optional: Triple 6T+10.5+ST+10.5+6T. Max 1 1/2**
Structural Support Fin	Optional: Single or Dual, 3 5/32" or 5 1/8"	Optional: Single or Dual, 3 5/32" or 5 1/8"		Optional: Single or Dual, 3 5/32" or 5 1/8"		Optional: Single or Dual, 3 5/32" or 5 1/8"
Balustrade Bar	Optional, Windows Only	Optional, Windows Only		Optional, Windows Only		Optional, Windows Only
Operable Sash Weight	Up to 419lbs	375 to 550lbs	375 to 1450lbs	460 to 610lbs	615 to 1210lbs	2200lbs
Max Width & Height	137" x 137"	196" x 196"		236" x 177"		236" X 196
Min Width	48"	63"		63"		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
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 Type	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, 9016, 9006, 1019)	Standard RAL (8003, 9005, 9010, 1019, 7016, 8014, 9006, 7024) Optional: Other RAL colors & Custom colors		Standard RAL (8003, 9005, 9010, 1019, 7016, 8014, 9006, 7024) Optional: Other RAL colors & Custom colors		Standard RAL (8003, 9005, 9010, 1019, 7016, 8014, 9006, 7024) Optional: Other RAL colors & Custom colors
Watertightness EN 12208	Class SA (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 ST+10+5T mm)	Uw= 1.6 W/m2K, (with Ug = 1.1 IG)		UW= 1.45 W/m2K, (with Ug = 1.1 glass) Optional: Uw = 1.3 W/m2K, (Ug = 0.8 W/m2K with Triple IG)*		Uw = 1.45 W/m2K, (with Ug = 1.1 glass) Optional: Uw = 1.3 W/m2K, (Ug = 0.8 W/m2K, Triple IG)*