TranquilGuard

BY PENTAGON

EXPAND POSSIBILITIES

TRANQUILITY BY DESIGN

3 PROTECT your environment from insects, wind and rain

2 SHADE your home from damaging sunlight and UV rays

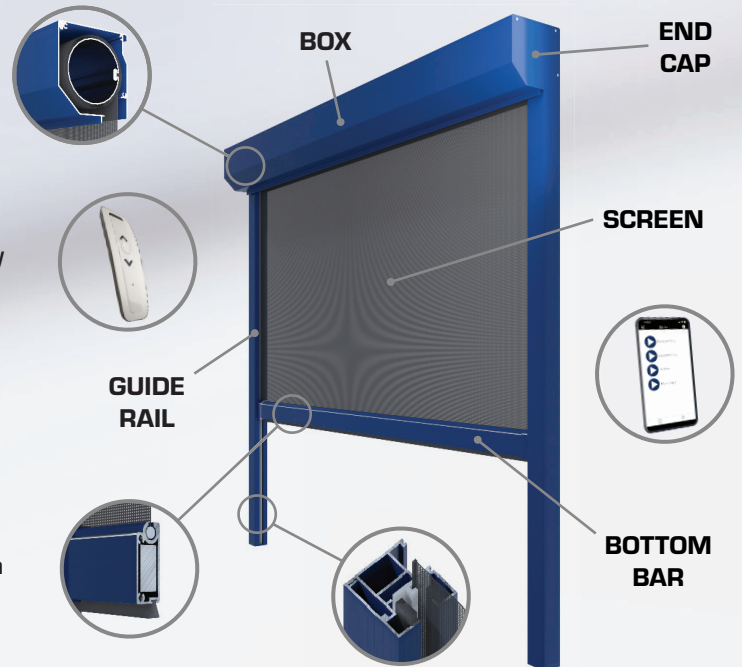**1 SCREEN** your favorite spaces, sunroom, or covered patio

RETRACTABLE SCREENS

OPERATION

- Minimal size, high-tech extruded aluminum housing
- Simple operation, controlled by switch, remote, Wi-Fi or app
- Safe, long-lasting performance with the latest in motorized technologies
- 2-part guide rails for a clean install and enduring serviceability
- Maximum energy conservation while creating blissful spaces

MATERIALS

- Extensive variety of fabric designs and over 100 color options
- Gorgeous selection of low maintenance materials
- Commercial grade aluminum - Environmentally friendly material with positive effects during production and long-term operation
- High strength fabric is resistant to deformation, even under heavy load
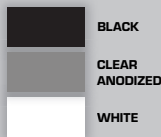- Wide range of fabric shine and coating grades guarantees a premium and long lasting finish

BOX

END CAP

SCREEN

GUIDE RAIL

BOTTOM BAR

FRAME COLOR OPTIONS

- Choice of standard colors, or custom colors available
- High quality finishes with excellent durability
- Next generation double layer surface powder coating

BLACK

CLEAR ANODIZED

WHITE

SCREEN TEXTILE OPTIONS

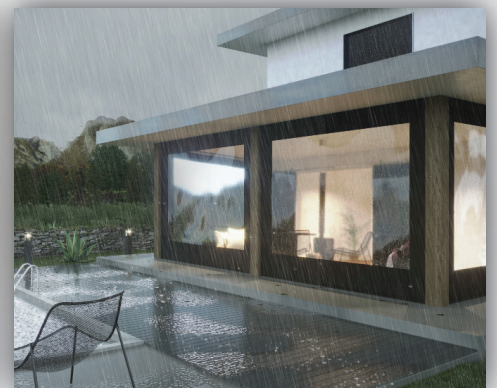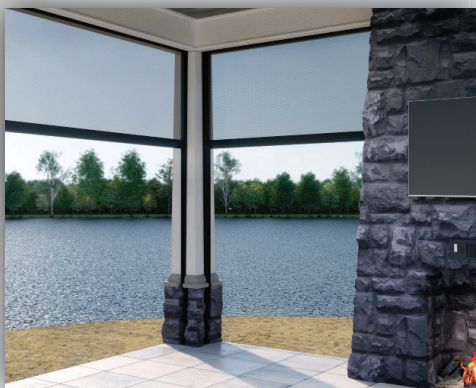| PVC	PVC Coated Fibreglass	Blackout (Opaque)	Clear	Mesh Screen
4% / 8% OF	1% / 5% OF	0% OF	0% OF	Up to 20x20

*OF - Openness Factor

1 SCREEN

- Superior heat protection and increased privacy
- Significantly reduces the amount of solar radiation and UV damage
- Enjoy natural daylight and embrace your spectacular view

2 SHADE

- Includes optimum anti-glare technology
- Saves heating and cooling costs by regulating room temperatures
- Heat input can be adjusted making it energy efficient

3 PROTECT

- Repels water, UV rays, mold, and dirt through state-of-the-art innovations
- Textiles available to block all insects, even annoying "no-see-ums"
- Industry leading wind limits of up to *90 mph (145 km/h)

*Depending on size and installation location

SCREEN TEXTILES AND SIZING

Pentagon TranquilGuard screen fabrics are sourced from the leading textile mills from around the globe to ensure we supply the best quality products to enhance your tranquility and provide you with the best experience and long term satisfaction.

SOLTIS HARMONY 88 — SERGE FERRARI

Material Description	Thickness	Colors	Openess
Soltis Harmony 88 offers a perfect balance between design, transparency, and thermal comfort. This micro-perforated screen has a regular weave, making it ideal for indoor and outdoor shades.	0.45 mm 0.018 In	17	8%

SOLTIS PERFORM 92 — SERGE FERRARI

Material Description	Thickness	Colors	Openess
Soltis Perform 92 acts as an effective thermal shield. It blocks up to 97% of the heat when placed outside. Available in 48 colours, this micro-perforated screen offers the best thermal performance.	0.45 mm 0.018 In	50+	4%

SOLTIS OPAQUE B92 — SERGE FERRARI

Material Description	Thickness	Colors	Openess
Soltis Opaque B92 enables total darkness, blocking 100% of UV, heat and light. This opaque fabric is suitable for both indoor and outdoor use.	0.60 mm 0.024 In	9	0%

SOLTIS OPAQUE 6002 — SERGE FERRARI

Material Description	Thickness	Colors	Openess
Soltis Opaque 6002 is an opaque, waterproof membrane. Its textured finish offers a high quality appearance, making it ideal for contemporary outdoor structures.	0.60 mm 0.024 In	4	0%

VUSCREEN — SWELA

Material Description	Thickness	Colors	Openess
From the outside, Vuscreen fabrics (PVC-free) are almost opaque, but from the inside they provide a view of the outside. Sun protection and privacy are guaranteed, without making you feel enclosed.	0.80 mm 0.031 In	22	4%

ORCHESTRA — DICKSON

Material Description	Thickness	Colors	Openess
Orchestra benefits from solution-dyed acrylic yarn. Its special awning coating gives it unrivaled resistance to stains, grease, water and dirt. Extra-wide fabric spans are also available to suit your needs.	0.60 mm 0.024 In	17	0%

CRISTAPLUS — TEXOUT

Material Description	Thickness	Colors	Openess
Transparent PVC resin film with a low thermal conductivity, ideal to protect outdoor structures from wind and rain. UV resistant tested for 1000 hours of sun exposure	0.50 mm 0.020 In	1	0%

BELLA VISTA — COPACO

Material Description	Thickness	Colors	Openess
Keeping you, your family and your space safe and insect-free is one of our key goals. These screens will bar insects from indoor spaces without compromising on light, ventilation, insulations and great looks.	0.25 mm 0.010 In	2	18x16 20x20

FRAME AND SCREEN SIZING

Box Size	Guide Rail Size	Bottom Bar Height	Minimum Screen Size	Maximum Screen Size	Maximum Screen Area
4 in (105 mm)	1.5 in (37.5 mm)	1.75 in (44 mm)	W - 28 in (71 cm) H - 12 in (30 cm)	W - 13 ft (400 cm) H - 19 ft (580 cm)	12 sqr. m (129 sqr. ft)
5 in (125 mm)	1.5 in (37.5 mm)	1.75 in (44 mm)	W - 28 in (71 cm) H - 12 in (30 cm)	W - 19 ft (580 cm) H - 19 ft (580 cm)	15 sqr. m (161 sqr. ft)

Pentagon
SECURITY SHUTTERS