



All weather protection systems!

**RETRACTABLE**  
**AWNINGS.COM**

Retractableawnings.com®  
16300 NW 48 Avenue  
Miami Gardens, Florida 33014-6417  
United States of America

Telephone (305) 628-2424 or toll free (866) 438-2964.  
sales@retractableawnings.com  
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RETRACTABLE LATERAL FOLDING ARM AWNING / ROTATING LOUVER / RETRACTABLE PATIO AND DECK COVER SYSTEM  
COMPARISON MATRIX

	RETRACTABLE FOLDING LATERAL ARM AWNINGS	ROTATING LOUVER ROOF SYSTEMS	RETRACTABLE PATIO & DECK COVER SYSTEMS - <b>OPTION A</b>	RETRACTABLE PATIO & DECK COVER SYSTEMS - <b>OPTION B</b>
				
Maximum width	Maximum width for a single unit with one motor and one piece of fabric is 52 1/2 feet (1600cm) in one piece (Palermo Plus model)	Infinite width using multiple louver sections with a maximum width per section (louver width) of 10'3"	Maximum width using one piece of fabric and one motor is 42'7" (1300cm) for most models	Infinite width using multiple 60" or 120" panels
Adjacent units	Multiple units can be butted together with a 5"-6" (12.7cm - 15.24cm) gap between units	Multiple louver sections can be butted together so no sun, rain or snow enters between the sections	Multiple systems can be butted together and caulked with no gap so no sun, rain or snow enters between units	Multiple 60" or 120" side by side panels with a minimum 1/2" gap between panels
Maximum projection	Maximum projection 16 foot (Roma model). Largest in the world	Multiple sections can be front to back for unlimited projections. 33 foot 4 inch maximum projection using one motor.	Maximum projection 29'6" (Siracusa, Sassari and Rimini models) and 32'9" (Vicenza model). Largest in the world	Up to 20 foot with a 1/8" cable; up to 40 foot with a 5/32" cable; over 40 foot with a 1/4" cable. Projections larger than 40 foot available subject to engineering approval
Wind load	Maximum wind load tested to Beaufort scale 5 (18-24mph/29-38kh/hr). (Palermo/Palermo Plus models)	Beaufort scale 10 (55-63mph) with higher wind load ratings achievable	Maximum wind load tested Beaufort scale 10 (55-63mph). Beaufort wind load varies by model and size	Not currently Beaufort wind load tested
Drainage	Water drains off front bar and can splash on hard surface	Water drains inside interior, invisible gutter and then through the post(s) and exits through a small hole at the bottom of the post(s)	Front water drains to front and then down through internal, invisible gutters and downspouts (most models) OR off the side(s) of the fabric using single sided or alternating sided water drainage	Not applicable

# RETRACTABLE LATERAL FOLDING ARM AWNING / ROTATING LOUVER / RETRACTABLE PATIO AND DECK COVER SYSTEM COMPARISON MATRIX

	RETRACTABLE FOLDING LATERAL ARM AWNINGS	ROTATING LOUVER ROOF SYSTEMS	RETRACTABLE PATIO & DECK COVER SYSTEMS - <b>OPTION A</b>	RETRACTABLE PATIO & DECK COVER SYSTEMS - <b>OPTION B</b>
Rainfall	For LIGHT rainfall only - less than .30" (7.6mm) per hour per the American Meteorological Society	For HEAVY rainfall - more than .30" (7.6mm) per hour per the American Meteorological Society	For HEAVY rainfall - more than .30" (7.6mm) per hour per the American Meteorological Society	Not designed for rain protection. Designed for sun, UV, glare and heat protection only
Water	Fabrics are water RESISTANT and include Para, Sunbrella and Dickson	System is water PROOF (excluding blowback)	Fabrics are water PROOF (Ferrari 302, 502 & Ferrari 602) or water RESISTANT. Para brand only for water resistant.	Fabrics are Sunbrella and Phifertex Plus. This model is neither water PROOF nor water RESISTANT
Hail & Snow	Not hail or snow load approved	Both hail and snow load approved	Tested for hail. Not snow load approved	Not hail or snow load approved
Powder coating	Qualital® powder coated frames & hood available in white, ivory, sand and brown with sand and brown having a \$200 surcharge	Qualital® powder coated frames available in all RAL colors with each model available in a standard color or colors and all other RAL colors available for a surcharge for a surcharge	Qualital® powder coated frames available in all RAL colors with each model available in a standard color or colors and all other RAL colors available for a surcharge for a surcharge	Anodized, lightweight, commercial grade 6063T aluminum profiles. Highest quality marine grade AISI 316 stainless steel aircraft cable, hooks and base screws and turnbuckles
Fire retardancy	Non fire retardant fabrics are standard with fire retardant Para and Sunbrella fabrics available for a surcharge	Not applicable	Fire retardant fabric meeting European FR requirements is standard on all models	Non fire retardant fabrics are standard with fire retardant fabrics available for a surcharge
Posts, Arms and Guides	Retractable spring loaded arms with no posts/poles	Rotating louver system with posts/poles	Retractable belt driven system with posts/poles and guides. No posts/poles on the Rimini and Firenze models	Retractable system using a grab handle loop or optional cord pulley system. Posts/poles are not included if needed
Enclosures - Front and Sides	Sides and front of lateral folding arm awnings cannot be enclosed as doing so would damage the system when opened and closed	Sides and front of rotating louver systems can be completely enclosed so the area can be air conditioned in the summer and heated in the winter and also allowing for a bug and pollen free area	Sides and front and gable ends of retractable patio cover systems can be completely enclosed so the area can be air conditioned in the summer and heated in the winter and also allowing for a bug and pollen free area	Sides of guide wire systems cannot be enclosed. An optional drop valance is available for the rear and front of the system
Drainage options	Front water drainage only	Side water drainage only - away from actuator assembly	Front or single sided or alternating side water drainage available	Not designed for rain protection. Designed for sun, UV, glare and heat protection only
Free standing or attached	Cannot be free standing unless attached to a custom made structure	Free standing and attached versions and several other variations available	Any model can be free standing. Standard free standing models are the Forli, Trento, Vicenza, Turin, Naples and Milan	Inside a pergola/trellis OR wall to wall OR fascia to fascia OR beam to beam OR free standing - attached to posts or poles
Model names	Models include Genova, Palermo, Palermo PLUS, Venezia and Roma	Bioclimatique	Amsterdam, Bergamo, Bolzano, Ferrari, Firenze, Firenze PLUS, Forli, Milan, Modena, Monza, Monza PLUS, Naples, Prato, Ravenna, Rimini, Salerno, Sassari, Siracusa, Trento, Turin and Vicenza models	Perugia