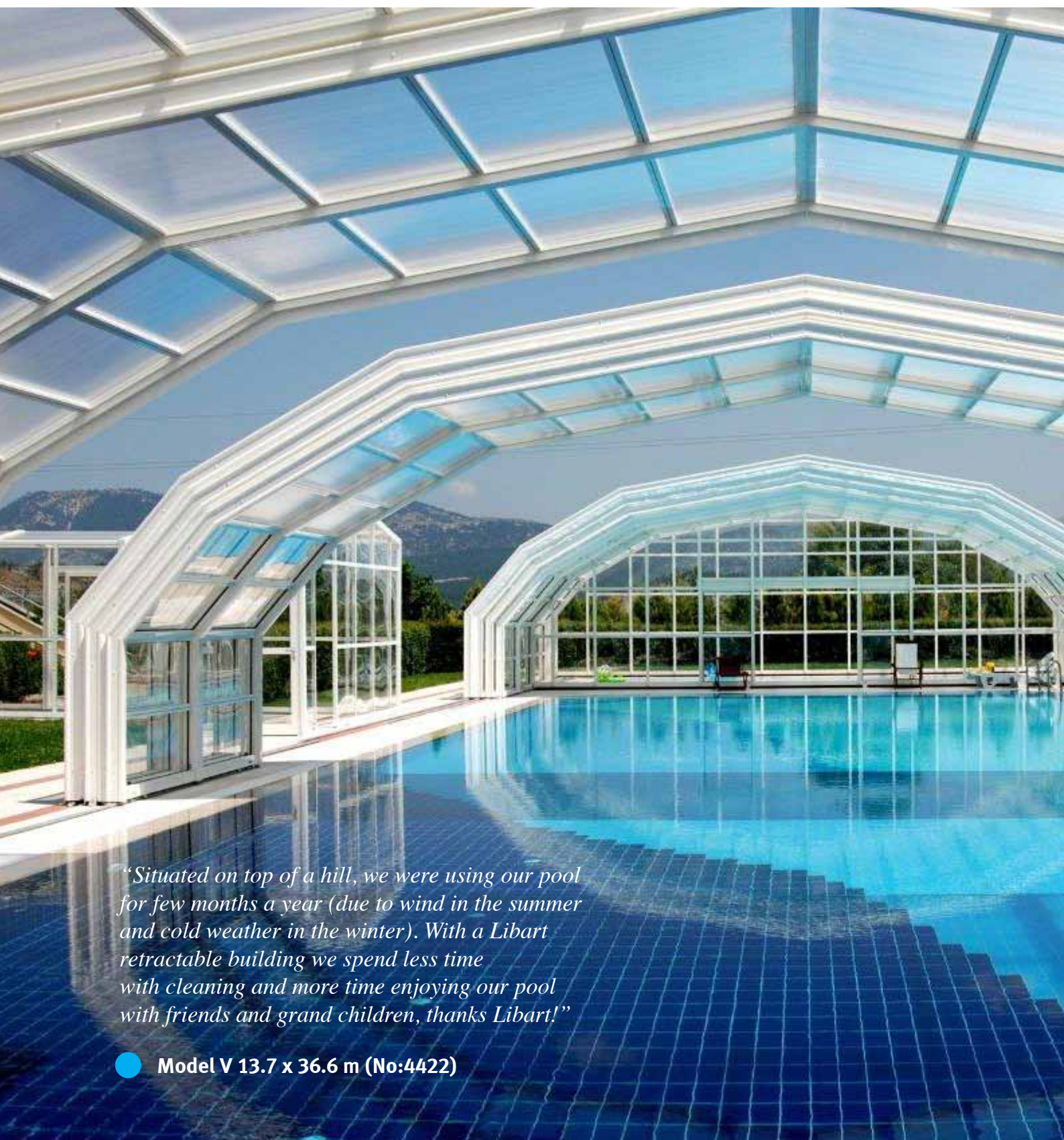




Indoor comfort, outdoor freedom!



LIBART
ENCLOSURE SYSTEMS



“Situated on top of a hill, we were using our pool for few months a year (due to wind in the summer and cold weather in the winter). With a Libart retractable building we spend less time with cleaning and more time enjoying our pool with friends and grand children, thanks Libart!”

● **Model V 13.7 x 36.6 m (No:4422)**



We are an innovative design and manufacturing company that provides unique architectural solutions to residential, hospitality, commercial and industrial customers. Our system caters to a unique, expanding architectural niche that is growing rapidly with green, energy efficient spaces and demanding safety and efficiency standards in industrial environments. Libart's retractable structures create indoor and outdoor spaces in the same area leading to it's slogan: "indoor comfort outdoor freedom". Our systems provide solutions to home owners, restaurants, café's, municipalities, commercial centers and industrial applications.

Libart's 18+ years of experience, installations in over 20 countries and international network of qualified distributors assures you will get a solution to your needs. Libart's custom manufacturing expertise and local representatives provide custom fit and quality installation you deserve.

Libart delivers:

- Unique and custom manufactured systems for specific needs and projects
- Competitive and innovative solutions
- A wide range of complementing products
- New systems and designs utilizing the latest materials and technologies



Residential

With a Libart Retractable Enclosure or a Retractable Roof you can enjoy your pool & patio at your home regardless of the weather, whenever you wish.



Hospitality

Do you just accept that business will fall off when your outdoor space is too cold or wet? You may have considered enclosing your pool or patio permanently for year-round use, but who wants to be indoors on a beautiful summer day? Libart's Retractable Enclosures and Retractable Roofs is your solution.



Commercial

Capital investment, ROI, operational costs, these are some of the many questions facing commercial facility managers & owners. Look at how Libart can help you get more use from your existing facilities.



Industrial

Industrial manufacturing giants like GE, Spirit Aerospace, the US Army and many others have found in Libart the solutions to their very unique problems involving transitional and/or retractable buildings. As our clientele shows, Libart understands and meets the highly specialized demands of the industry.



Retractable Roofing

● Model RRP – 8.6 x 16.5 m (No: 152)

Your outdoor patio is your most valuable piece of real estate. On sunny and warm days, these tables are the first to be occupied. Isn't it good business to keep these tables occupied in poorer weather as well? With Libart retractable enclosures, you can. When your outdoor patio is full and the weather turns, you simply close the retractable roof and your customers are protected from the elements. Or when your indoor sunroom is full and the weather heats up, you simply open the roof and let your customers enjoy the fresh air!

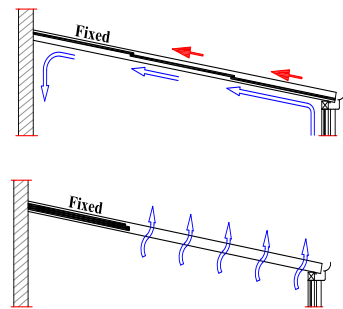
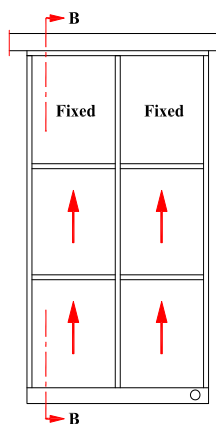
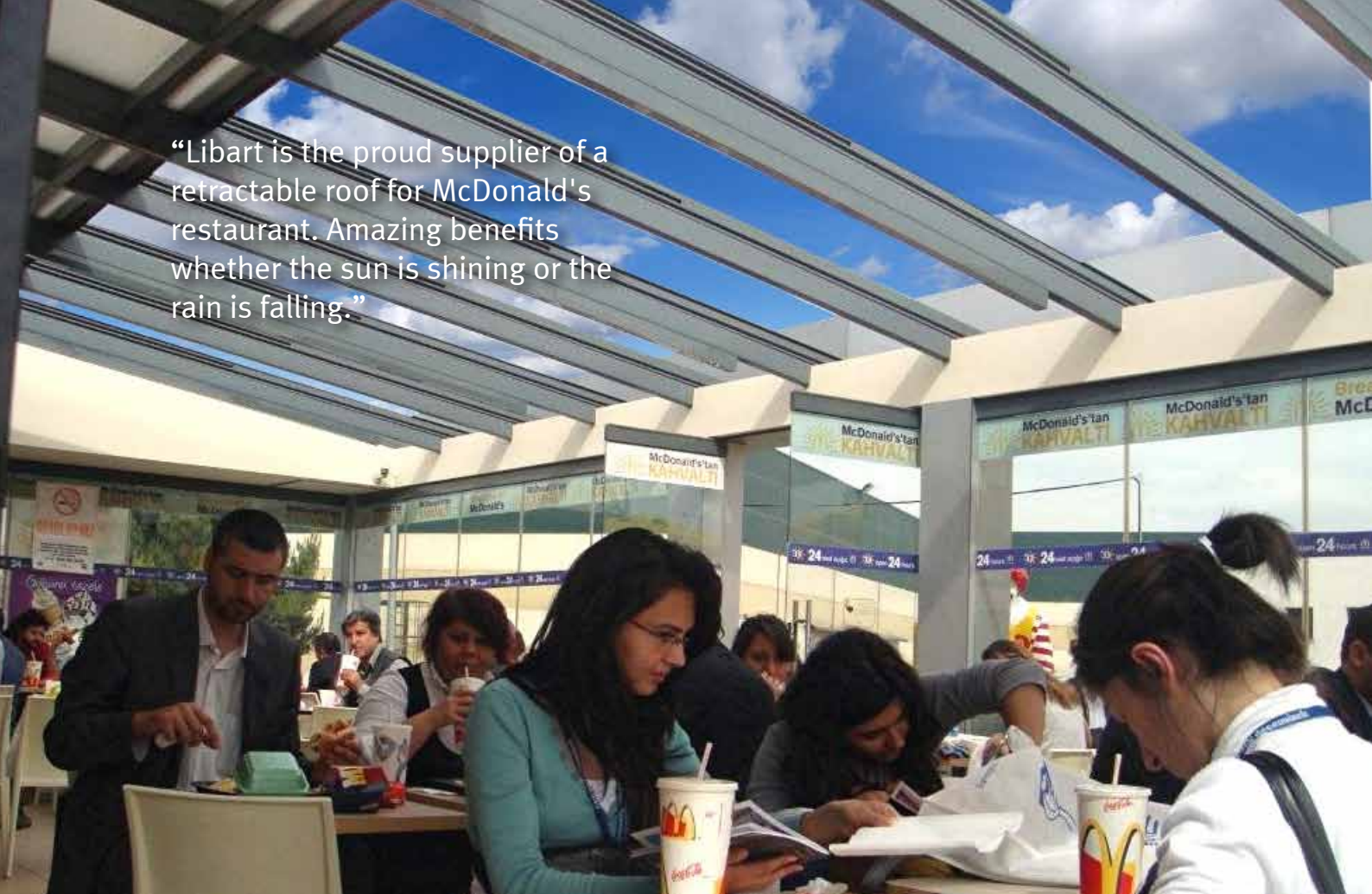


● **Model RRP – 3.6 x 8.5 m (No: 196)**

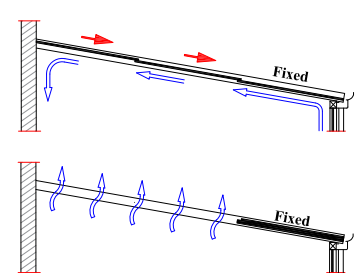
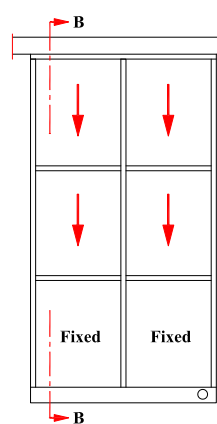
In addition to happy customers, year-round revenue and even improved security, Libart Retractable Roofing offers convenience and ease of use. Like the sunroof in a car, you simply touch a button to open or close your retractable enclosure. It's that fast, that simple.

“Bask in Californian sunshine when you want, without the discomfort of it's heat”

“Libart is the proud supplier of a retractable roof for McDonald's restaurant. Amazing benefits whether the sun is shining or the rain is falling.”



Opening Up



Opening Down



What was earlier an outdoor playground for McDonalds is now an outdoor seating area that can be easily converted to an indoor seating zone with the touch of a button.

Model RRP - 6.3 x 14.0 m (No: 4395)



How much revenue do you lose per table when it's too cold or wet to service your clients outdoors? You may have considered enclosing your patio permanently for year-round use but who wants to be indoors on a beautiful summer's day? Libart offers the answer to that problem with its retractable roofing system"

Model: RRP - 5.2 x 14.3 m (No: 155)



Imagine a pool building with a giant sunroof. If you're thinking of purchasing a pool building or already own one, consider a Libart retractable roofing system. With the simple touch of a button you can open or close any part of the roof you wish. You can have your pool building specially designed or, you can even have your existing pool building roof modified to accept a retractable roofing system from Libart.

Model: RRP - 6.4 x 16.5 m (No: 160)

Retractible Roofing	Projection, up to (single pitch)		Bay Width	
	ft	m	f	m
16Xmm PC	24	7.3	3' to 4'	0.9 to 1.25
Single glazing Glass	19	5.8	3' to 4'	0.9 to 1.25
Double glazing Glass	16	4.9	3' to 4'	0.9 to 1.25

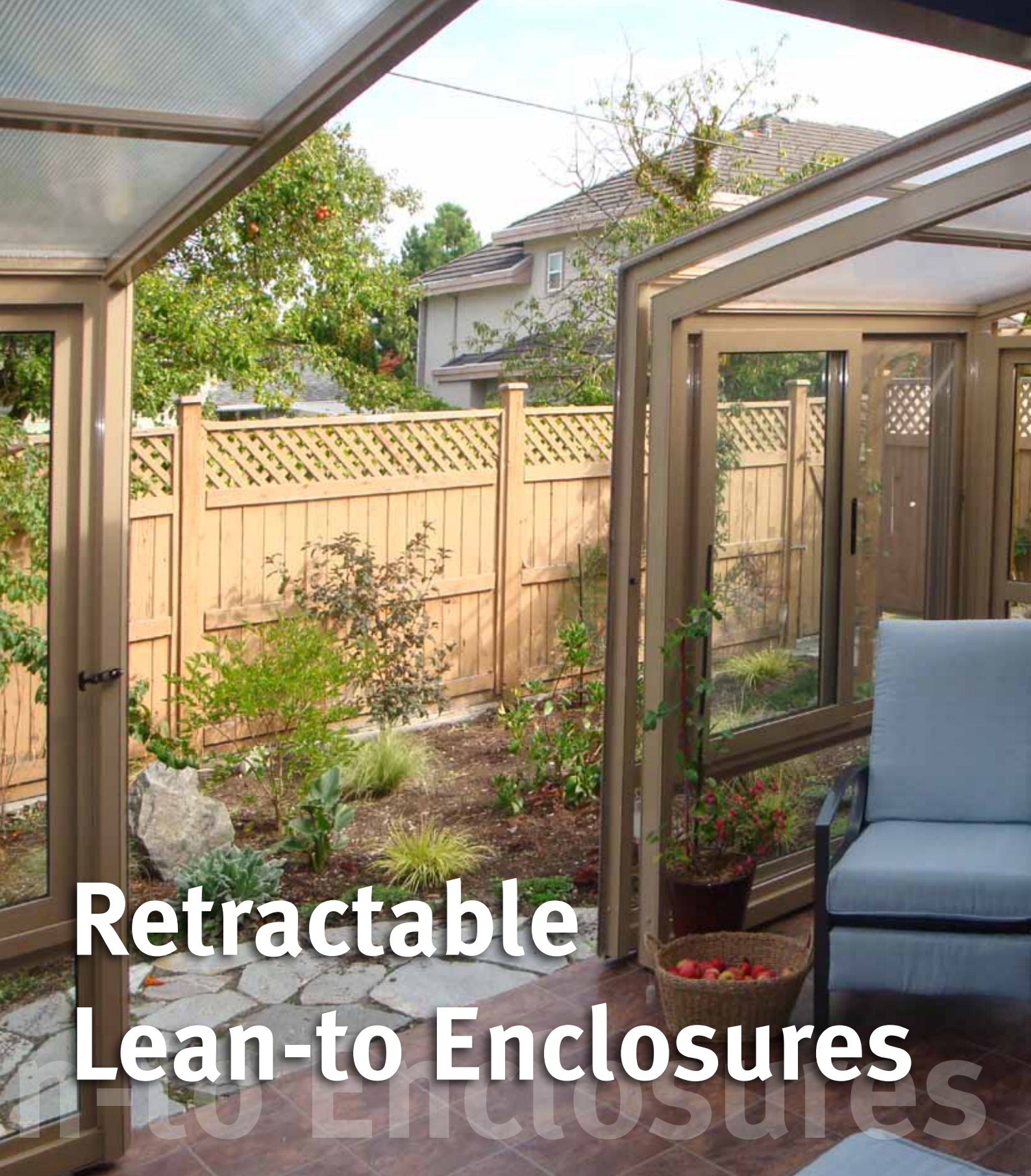
- Motorized operation, manual option (residential projects),
- Thermally broken (insulated) structural aluminum mullion,
- Single pitch projections up-to 24' (7.3m),
- Double pitch or multiple incremental pitch systems available,
- Roof Slope 4/24 (10deg) to 4/12 (18 deg)
- In addition to above standard sizes, we provide larger project specific designs,
- With or without aluminum structural supporting system

RAL 9010
EURO-WHITE

RAL 1019
SANDSTONE

RAL 7039
QUARTZ GREY

RAL 8014
JAVA BROWN



Retractable Lean-to Enclosures



before...



after...





“Vancouver, it may be the best city in the world to live in, but not on a rainy day! Libart helped us persevere through these wet days and still enjoy our patio and protect our furniture from the rain, thanks Libart.”

Security and comfort of a sunroom with the versatility of outdoor living in beautiful sunny days, Libart Retractable patio enclosures.

● **Model E-L 2.2 x 5.2 m (No: 4562)**





● Model: E-L 2.1 x 6.4 m (No: 4383)



● Model: E-L 3.7 x 6.1 m (No: 4355)

“We have always been a very active family and the Libart has really helped that come through. We had an indoor pool that allowed us to swim year round, but we were upset at the fact that we wouldn’t be able to swim outdoors when the weather was nice, that is, until we discovered Libart Retractable Enclosures.”



Lifestyle, private oasis on a cliff pool best describes this lean-to project.

● **Model: D-L 8.2 x 20.7 m (No: 4431)**






Solution to Toronto winters and short summers in your year-round patio, without moving your patio furniture!

● **Model: D-L 13.4 x 7.9 m (No: 4333)**



Customers specifications were for an retractable airlock to be installed inside a climate controlled, clean manufacturing building. Retractable building would allow materials and equipment brought to be acclimatized, cleaned and then opened for access with overhead cranes for incoming manufacturing raw materials and outgoing finished goods.

● **Model: D-L 8.8 x 34.2 m (No: 4392)**

Lean-to		Projection, up to		Length / width of up to	
Model		ft	m	f	m
	E-L	20	6.1	112	34.1
	D-L	23	7.1	112	34.1
	V-L	26	8.0	112	34.1

RAL 9010
EURO-WHITE

RAL 1019
QUARTZ GREY

RAL 7039
SANDSTONE

RAL 8014
JAVA BROWN

● Model: D 8.5 x 14.9 m (No: 4328)

Retractable Freestanding Enclosures

“Before we heard about you we were looking into purchasing property in Florida or Arizona and becoming snowbirds. Now, for a tenth the cost, we have a tropical refuge in mid-winter, and the refuge is in our backyard, where we fill it with grandchildren and close friends, instead of a thousand miles away where we know no one...”

... You are far ahead of your competitors (believe me we checked carefully before buying), in quality and also much sturdier, possessing more options and clearly better technology.

Thank you again.

Pete & Barb S (1996)

“The loads created by these 100 year`record snows (winter of 2010) were well in excess of code limits for our area, and a number of buildings in our Baltimore-Washington DC area suffered roof collapses...w

... Our enclosure, however, though I`m sure it is not engineered to the load limit level of structures you sell in typically snowy areas like Buffalo or Quebec, came through with flying colors...

....An impressive showing. Thank you, from our cat, who lived in the enclosure while we were away, and from us as well.”



before...



after...



● Model D 7.9 x 13.4 m (No:4469)

“Our clients were after an enclosure that would give them the flexibility of being able to use their pool for swimming and all year round entertaining but at the same time have the option of being able to open it completely when the weather was fine. Because of their pool location and exposure to the elements, pool maintenance, heating, wind & sun evaporation & having more control over the pools chemical balance were very important issues. The clients were both thrilled and amazed with the end product and they feel not only has it complimented their home & alfresco areas but it also added value to their property.”

Sunrooms Plus, Melbourne

Bonjour Gem,

Allow me the pleasure of advising you of our success at the SPASA (Swimming Pool And Spa Association) Awards night. We received awards of Excellence in 2 categories, Best New Water Quality Product & Best Sustainability product and nominated in one of the Major categories being “Most Innovative Product”. A lovely evening was had by all and I am assured by the industry that award winners are always amazed at the response they receive from the public once having won an award.



Regards, Phil Devlin







● Model: V 11.6 x 21.4 m (No: 4339)

“We were very excited about the outstanding concept of this retractable enclosure. Something that allows us to use our pool at anytime of the year... My wife, who suffers from severe arthritis, can and has been using the pool almost every day to alleviate some of the pain. It was a pleasure doing business with the entire Libart Team!”

-Frank A. ON





● Model: E 6.1 x 16.8 m (No: 4357)



● Model: E 8.8 x 13.7 m (No: 4583)



● Model: E 9.1 x 21.4 m (No: 4351)

Safety and Ease of use

Libart Retractable Enclosures with SecurTrak™ ensures structural integrity when subjected to snow and compound loads and securely holds down the enclosure protecting it from upward lift caused by sudden gusts of wind. In combination with our SecurLok™ System, modules can easily be opened and secured at any point along the rails. Open an inch, a foot or whatever your heart desires! - No fuss - No muss.

Options

- Five (5) different door options (single and double-wing swing and side sliding styles)
- Two (2) screened window options, (half panel or full panel side-sliding)
- Emergency Egress (Panic) Doors (single and double-wing swing doors)
- Built-in Change rooms, shower stall and equipment rooms

Libart retractable buildings can act as clean rooms, climate controlled manufacturing spaces or equipment shelters that can be retracted to provide access for cranes, movement of large objects and transport vehicles. Transparent or translucent glazing provide excellent visual access from the outside for supervision and safety, while providing comfortable and safe working environments inside.

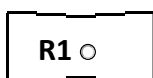
All enclosures are designed and built to site specific snow & wind conditions and independently approved by a structural engineer to US, Canadian and International (IBC 2006) building codes.

Beautiful, functional & completely retractable indoor or outdoor revenue centers. Restaurants, wedding, banquets, recreational activities need no longer be divided in to indoor or outdoor venues. With Libart fixed and retractable buildings, revenue flows year around no matter the weather.

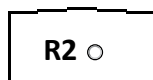
Model: D 9.5 x 16.8 m (No: 4347)



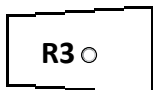
Retraction Types



RAL 9010
EURO-WHITE



RAL 7039
SANDSTONE



RAL 1019
QUARTZ GREY

RAL 8014
JAVA BROWN

Freestanding		Spans of up to		Lengths of Up to	
Model		ft	m	f	m
	E	38	11.5	140	42.6
	D	48	14.6	140	42.6
	V	52	15.8	140	42.6



Model D 8.5 x 14.9 m (No: 4345)

● Model: U 32.0 x 65.0 m (No: 4385)



Amplispan

Large span aluminium structures from Libart.



● Model: U 28.0 x 60.0 m (No: 4361)



Libart's unique aluminum AmpliSpan structures are ideal for swimming pools. The corrosion resistant aluminum, low maintenance, cost effective advantage, easy erection, aesthetics, reduced foundation costs are some of the win win advantages for these pool buildings. Spans that range from 16m to 40 m (55' to 130') will facilitate most of the commercial and community pools inclusive of outdoor pool conversions. Combined with Libart's 20+ years of PC glazing experience, your pool buildings are now full of natural light and naturally ventilated reducing or eliminating costly dehumidification and air conditioning systems in most locations.

Advantages

Low Maintenance Cost, Effective versus Steel, Easy Erection, Aesthetically Appealing, Cheaper Transport, Reduced Foundation Costs

Used In

Domestic, Industrial, Retail, Commercial, Military



This holiday village needed a new restaurant and event room that must be an add on to an existing building. The classic steel structure was not possible due to added weight on an existing building. Solution came with Libart's AmpliSpan clear span structure with reflective multi-wall PC glazing and glass vertical wall system. Job was completed under 8 weeks.

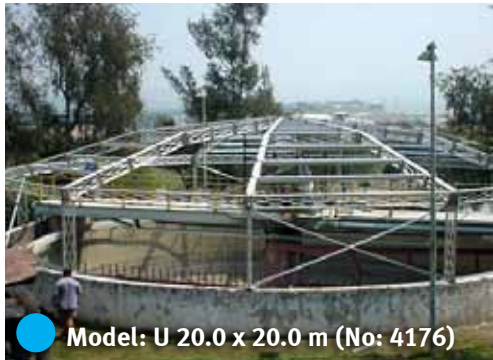
● Model: U 27.0 x 38.7 m (No: 4391)



● Model: U 22.0 x 18.0 m (No: 4341)



● Model: U 28.0 x 34.0 m (No: 4250)



● Model: U 20.0 x 20.0 m (No: 4176)

Typical Applications Include

- Community Halls
- Sport Centres
- Helicopter Hangars
- Chicken Houses
- Indoor Riding Schools
- Market Stalls
- Factories
- School Halls
- Exhibition Halls
- Gymnasiums
- Aircraft Hangars
- Military Rapid Deployment
- Green Houses
- Carports
- Bus Shelters
- Filling Station Canopies
- Bulk Storage

Winner of the SHELL DESIGN AWARD, the INTERNATIONAL TROPHY FOR TECHNOLOGY, and the EUROPE AWARD FOR DESIGN



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