



Architecture that Adapts

RETRACTABLE ROOF ENVIRONMENTS THAT ELEVATE EXPERIENCE,
UTILIZATION, & BUILDING PERFORMANCE



Adaptive Architecture for Hospitality & Commercial Spaces

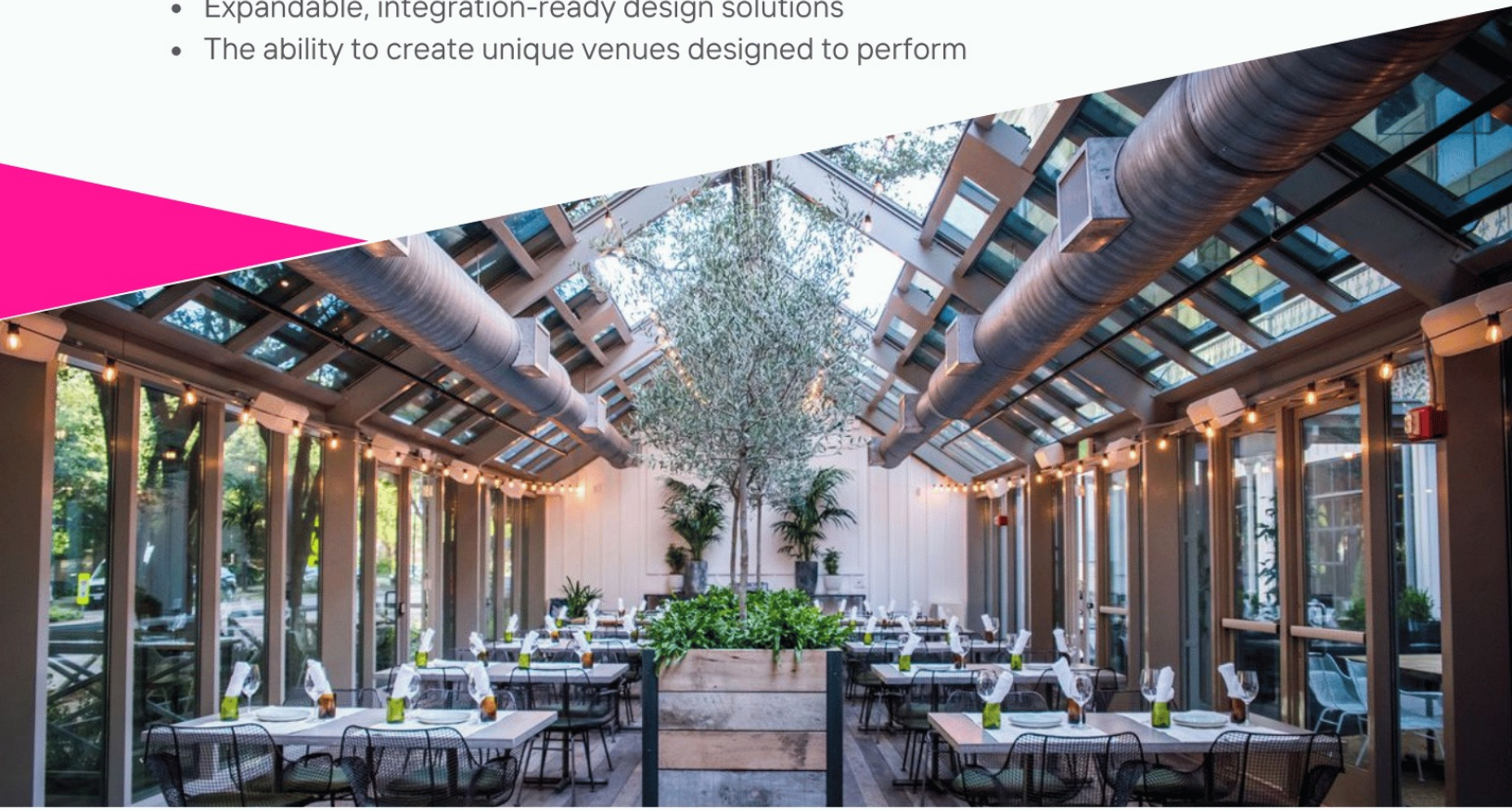
Retractable roof environments can elevate experience, utilization, and building performance.

More daylight + Lower mechanical loads = Greater year-round value

OpenAire designs custom aluminum retractable roof systems for hotels, resorts, rooftop dining, mixed-use developments, wellness clubs, event venues, and commercial gathering spaces.

Why architects design with OpenAire:

- Custom-engineered aluminum systems for large-span venues
- Operable roof environments that enhance daylight & natural ventilation
- Reduced HVAC & Lighting loads
- Flexible indoor–outdoor experiences
- Expandable, integration-ready design solutions
- The ability to create unique venues designed to perform





Signature Spaces for every Season

**Hospitality & Commercial Environments designed to
Maximize Experience & ROI**

Ideal Applications

- Hotel rooftop lounges
- Resort pool decks & spas
- Rooftop restaurants & bars
- Commercial courtyards, Airports, Plazas, Parks
- Mixed-use amenity decks
- Wellness clubs and event venues

Project Impact

- Extends seasonal use into year-round operation
- Increases F&B and event revenue opportunities
- Improves guest comfort and dwell time
- Activates previously weather-limited spaces
- Enhances asset value and tenant appeal

Architectural Value

- Supports experiential placemaking
- Reinforces premium brand positioning
- Can add flexibility without increasing footprint
- Integration with complex urban and resort contexts



Designed for Performance

OpenAire's aluminum retractable roof systems allow architects to create adaptable environments that blur the boundary between interior and exterior spaces.

Operable roof systems introduce daylight and natural ventilation to improve occupant comfort while reducing cooling and daytime lighting demand/costs.

Custom geometry, long-span capability, and integration with other structure / envelope systems support seamless incorporation into the architects and clients design intent.

Key Benefits:

Elevated Space Utilization

Convert rooftops, courtyards, terraces, into all-season revenue-generating destinations.

Passive Environmental Performance

Daylighting and natural ventilation help reduce HVAC and lighting loads. Reducing building operating costs yearly.

Architectural Integration

Custom geometry aligns with structural, MEP, and envelope requirements .

Designed to Expand

Support phased future additions and amenity growth for your clients over the long term.

Reliable Project Partnership

One team supports budgeting, concept design, engineering, fabrication, and installation.





1989

Founded

100+

Employees

1300+

Projects

Sample Building Accreditation(s)



ONE PROJECT IS AIMING FOR
NET ZERO

Partial list of Past Architectural Partners

HKS

Gensler

PICKARD CHILTON

SQSH
architects

JAMES GATES ARCHITECT

ARUP

Holland Basham
Architects

BRANDSTETTER
CARROLL, INC.
ARCHITECTS • ENGINEERS • PLANNERS

DLR Group



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