



Waterparks

Bring the outside in
with an OpenAire facility

Ten top reasons waterpark



1 The weather is perfect every day OpenAire retractable roof enclosures and operable skylights bring buildings to life. They open up when it's warm to let in the sun and heat. And they close when it's cold or rainy, offering users year-round enjoyment in unique, beautiful spaces; and ensuring operators can draw crowds no matter what the weather brings.

2 Natural light and illumination Traditional construction simply doesn't allow as much natural light. OpenAire roof and sidewall glazing options include glass, polycarbonate and EFTE. An OpenAire roof creates an exceptionally bright and spacious environment.

3 A playful mood An OpenAire roof opens quickly, bathing guests with fresh air and sunshine on beautiful days, and providing a comfortable enclosed environment on chilly days. Opening up the roof creates the mood of joy and playfulness; of a leisurely drifting cloudscape; a calming natural breeze and the sense of warmth that comes with access to unfiltered sunlight.



6 Maintenance free Unlike steel framing, OpenAire's maintenance-free, thermally broken aluminum framing system stands up to moist, chemical aquatic atmospheres and never needs to be repainted.

7 Natural ventilation With a retractable roof enclosure, an opened enclosure produces natural ventilation, which substantially reduces a waterpark operator's reliance on running a mechanical system for dehumidification and ventilation. This reduced reliance on mechanical ventilation generates substantial energy savings in the long-term.

developers choose OpenAire



4 Fun every season of the year

By offering the best of both worlds – fresh air and sunshine in good weather, and natural light and warm surroundings on chilly days – OpenAire buildings draw more visitors and patrons in every season. For operators in cold climates, OpenAire buildings make entirely new attractions possible.



5 Energy efficient

When the roof is open, heat rises. Air conditioning and dehumidification aren't needed; offering incredible energy savings. And when the roof is closed, thermal breaks and vapor barriers control condensation, and air filtration reduces the need for air conditioning and long-running dehumidification systems, all of which means energy savings of up to 27% over traditional construction.



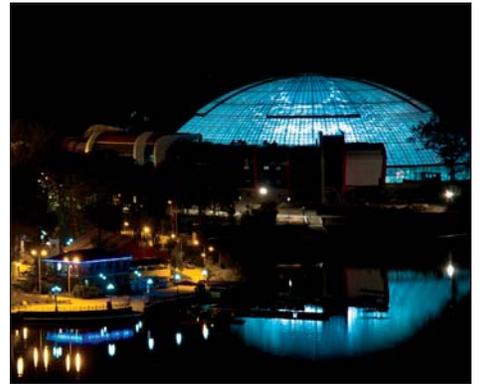
8 Protection from chloramines

OpenAire's thermally broken aluminum systems are resistant to deterioration from chloramines. This means they're always attractive and won't need repainting.



9 Lower life-cycle costs

With a maintenance-free aluminum truss structure and decreased dependence on artificial lighting, dehumidification and air conditioning, OpenAire structures cost less to operate and maintain, offering tremendous long-term value.



10 A complete solution and partner

OpenAire designs custom solutions to meet the needs of your facility aesthetic, site and audience. Whether you're looking for modern lines or rustic charm, OpenAire will create a stunning venue, from design to construction.

Completed Projects



Zehnder's Splash Village

Frankenmuth, Michigan

Zehnder's Chairman and CEO Al Zehnder said, "We are very excited about giving our guests double the fun at Splash Village. Nine years ago we opened Splash Village with a 20,000 square foot (1858.06 m²) water park. The atrium water park is our new 29,000 square foot (2694.19 m²) expansion that includes a retractable roof; an outdoor pool; two, six-story thrill rides; family cabanas and more." The hotel was also expanded to accommodate even more guests at the year-round waterpark. The retractable roof structure features a double slope roof measuring 126' x 207' (38.40 m x 63.09 m) with sidewalls 34' (10.36 m) high, making it a landmark visible for miles around. It also encloses a stair tower measuring 34' x 78' (10.36 m x 23.77 m) with an eave height of 70' (21.34 m) to accommodate the park's highest water slide.



Kalahari Resorts & Conventions

Pocono Mountains, Pennsylvania

This authentically African-themed waterpark features surfing, an expansive children's play area, a lazy river, a 60' (18.29 m) tower with several thrilling waterslides, an activity pool, swim up bar and more. All of this and more are contained below a 72' x 150' (22 m x 45.72 m) custom-designed retractable roof/skylight in the centre of the new waterpark. This sleek modern roof structure can open or close easily with the click of a button in accordance with the weather, letting the fun continue all year round. "The retractable roof allows our guests to enjoy the sun and fresh air just as if they were outside, but with the convenience of actually being inside," said Todd Nelson, owner of Kalahari Resorts and Conventions. "It started to rain [the other day], and the roof closed automatically. The guests were in awe."

CONTACT US TODAY TO FIND OUT HOW
YOU CAN BRING SKY INTO YOUR DESIGN.



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