

AERODIUM

WHY AERODIUM?

TECHNOLOGY

You might be wondering what sets us apart from other manufacturers. The answer is clear: during the recent World Cup of indoor skydiving in Macau in April 2024, our tunnel, which hosted the competition, was recognized by a significant majority of the world's top athletes as the **best performance vertical wind tunnel** they have ever experienced. Many have remarked that all future tunnels should strive to meet the standards set by AERODIUM.

DESIGN

- **Innovation Leaders:** We've set the industry standard and have been widely imitated over the years. However, the original will always remain the original!
- Unmatched Design: Our tall glass flight chamber, free of structural supports, represents a significant engineering challenge. However, the design achieved by our team delivers unmatched aesthetic appeal.
- Immersive Environment: We transform the support premises surrounding the tunnel into an experiential environment that reflects our commitment to a customer-centric approach.

SAFETY

 Patented Safety Technology: Our innovative impact reduction system is a game changer for flyer safety. Thanks to this breakthrough, we have achieved and maintained a flawless safety record.

BUSINESS

- **Automated IT system** streamline operations and maximize revenue. This custom-designed solution ensures a smooth and seamless business journey at every turn.
- Proven Marketing Strategy: Our innovative marketing concept drives demand and guarantees a steady flow of customers. As a result of our strategy, we have clear examples of outpacing the competition - even while charging higher prices to end users.
- Unique Selling Proposition: We provide a truly extraordinary and unforgettable experience. For many customers, this is the ultimate bucket list adventure, and we ensure they feel that way every step of the journey.
- Heritage and Global Appeal: Our global reach and influence are unparalleled. As the
 oldest company in this industry, established in 1979, no other competitor can match our
 achievements or provide references comparable to ours. Our customers recognize this
 value and are willing to pay a premium for an exceptional experience with a trusted leader.



AERODIUM INNOVATIONS

that changed the industry

1. TRANSPARENT FLIGHT CHAMBER

We were the world's first to engineer a fully round, transparent 12-meter flight chamber made entirely from tempered glass. This unique achievement debuted at the 2010 World Expo in Shanghai, China. With the flyer as our central focus, we designed for unparalleled visibility and aesthetic appeal, setting new standards in flight experience.

2. B.A.S.E. JUMP

We introduced BASE jumping to indoor tunnels, a feature we've incorporated into numerous projects worldwide since 2012.

3. SAFE OPEN AIR TUNNELS

In 2015, we reimagined safety for open-air tunnels by inventing several new features, making these tunnels safe and accessible for everyone.

4. IMPACT ABSORPTION SYSTEM

Since 2019, we have proudly led the industry in safety with our patented impact absorption system, making our tunnels the safest available. Today, we're pushing innovation further by developing artificial intelligence features to make our technology even more advanced and secure for everyone.

5. LOW NOISE

In 2022, we launched the first open-air wind tunnel featuring significantly reduced noise levels, making it suitable for a wide range of applications—even in residential areas.











THE WORLD'S SAFEST WIND TUNNELS



GRADUAL LANDING

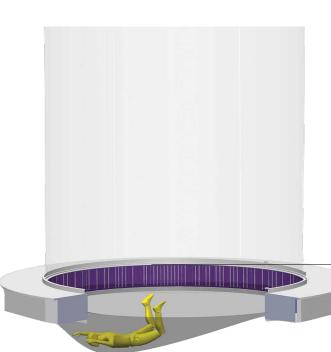
Even during the smoothest operations, unexpected power drops can occur in the midst of flight. That's why all our tunnels are equipped with soft landing technology to safeguard our flyers in these situations. This ensures that flyers are safely grounded, even if the power supply is interrupted while they are at the peak of their flight.

IMPACT ABSORPTION SYSTEM



OPEN-AIR TUNNELS

Our patented safety cushions and net above the tunnel aperture ensure that flyers are safely grounded, even if they lose control from heights of up to 10 meters. This innovative feature has made open-air flying safe and accessible for everyone, setting us apart from the competition.



INDOOR TUNNELS

Our patented technology makes indoor skydiving exceptionally safe. It features a flexible safety net and an impact-absorbing doorstep designed to cushion any falls that may occur during even the most challenging flying activities. Since its invention and integration into our projects, we have not recorded a single accident in our facilities.

1.5m

TESTIMONIALS

What are the top flyers saying about Aerodium?







"This tunnel in Macau is by far one of the nicest tunnels I've flown in. I've never seen glass like that high before. It's really pushing the sport."



SIAN STOKES
World Cup 2024 silver medal,
4-way formation skydiving

"It's insane. I think the design is incredible. The air is super clean and nice, the door is aced. I'm very happy as it is right now."



NIKLAS HEMLIN
World Cup 2024 winner,
4-way formation skydiving

"The wind is strong. I love the ability to control the temperature."



JILL KNUTSON World Cup 2024 winner, dynamic flying D4W

"Oh, I love it. This is the fastest tunnel I've ever been to. 100%. The pressure is really constant. That's perfect for any sort of speed category. I love it."



JAMES ROGERS
World Cup 2024 winner,
2-way Dynamic,
silver medal,
Solo Freestyle

"I love this tunnel. It's probably my favorite that I've flown in. The air quality is amazing. It's extremely smooth. I would say it is the most thought out and the best tunnel I've seen so far."



GEZAR RICO GARCIA

3rd European Indoor
skydiving championship 2024,
silver medal,
2-way Dynamic

"It's the best tunnel I ever tried in my life. It is incredible. Like super fast, smooth. The design is beautiful. So I wish to have one at home for sure."



MATHIEU QUIZY

3rd European Indoor
skydiving championship 2024,
winner, 4-way formation
skydiving

"The wind is really good.
I like the tunnel, the lights are good. The wind is good."

In April 2024, during the 5th FAI World Cup of Indoor Skydiving in Macau, we surveyed 30 world's top athletes about our R4 PRO vertical wind tunnel. A remarkable 27 out of 30 interviewed declared the AERODIUM R4 PRO is the best vertical wind tunnel currently operating worldwide.

For a detailed look at these athletes' testimonials, please scan the QR code.





mall structures, achieving seamless integration in prime locations.

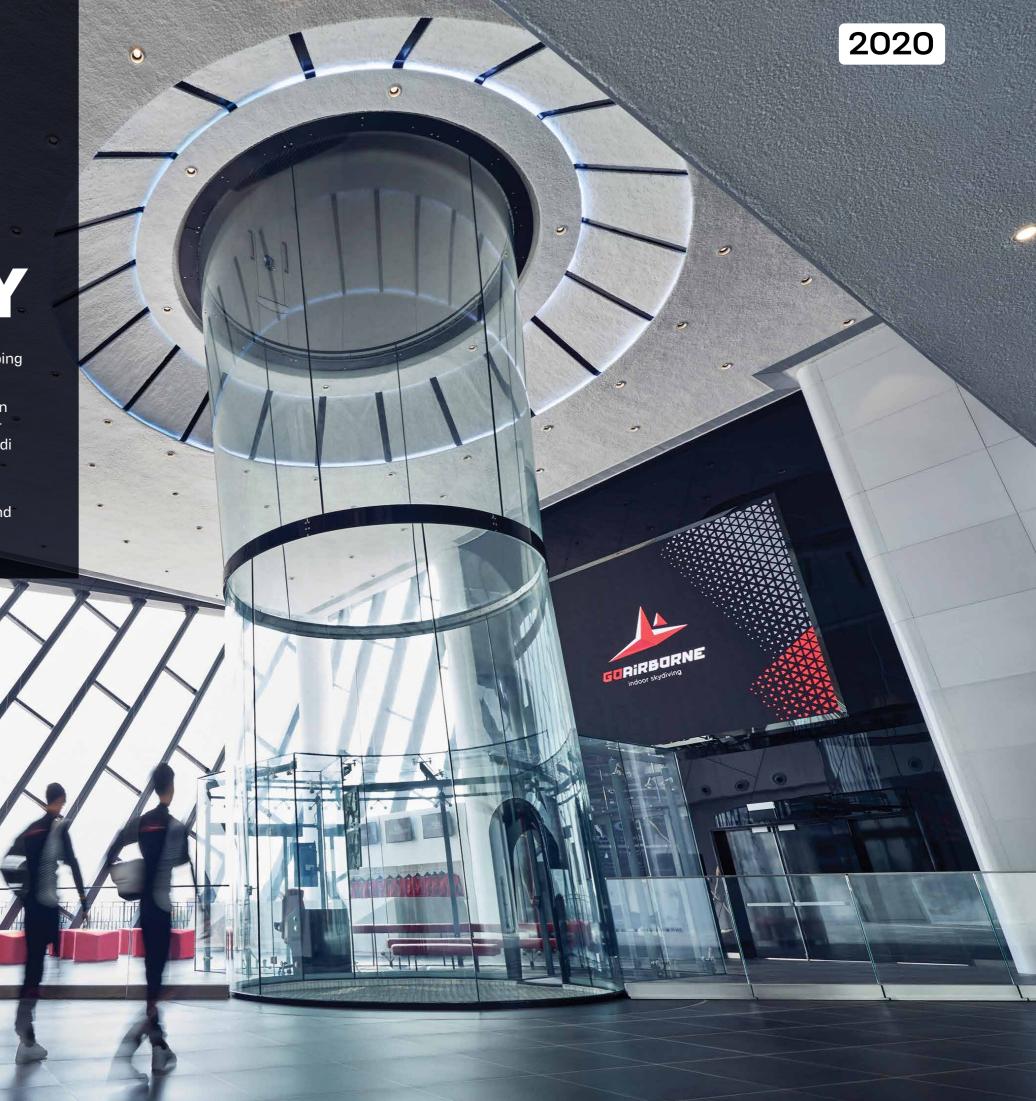
Our innovative approach to retail development has garnered attention from lifestyle centers worldwide, making us the preferred partner for projects in diverse regions such as China, South Korea, Ukraine, Saudi Arabia, and beyond.

If you're looking to enhance your retail destination or lifestyle center, increase foot traffic, and boost revenue, we possess the expertise and technology to deliver results efficiently.

SKYDIVE PACKAGES

2 skydives + Certificate

GoAirborne, Macau





Riyadh & Khobar, Saudi Arabia























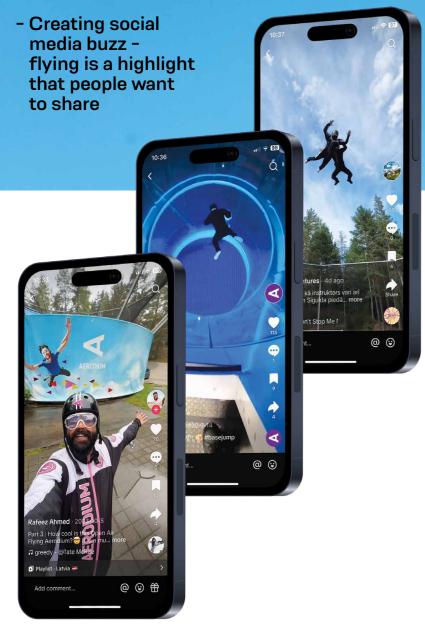


STAND OUT

- Central point of interest
- Shows
- Experience

BRAND EXPOSURE:

- Flight suits
- Flags
- Wind tunnel enclosure











SAMPLE CASES:

Festivals: UNTOLD

Large scale ceremonies and events:

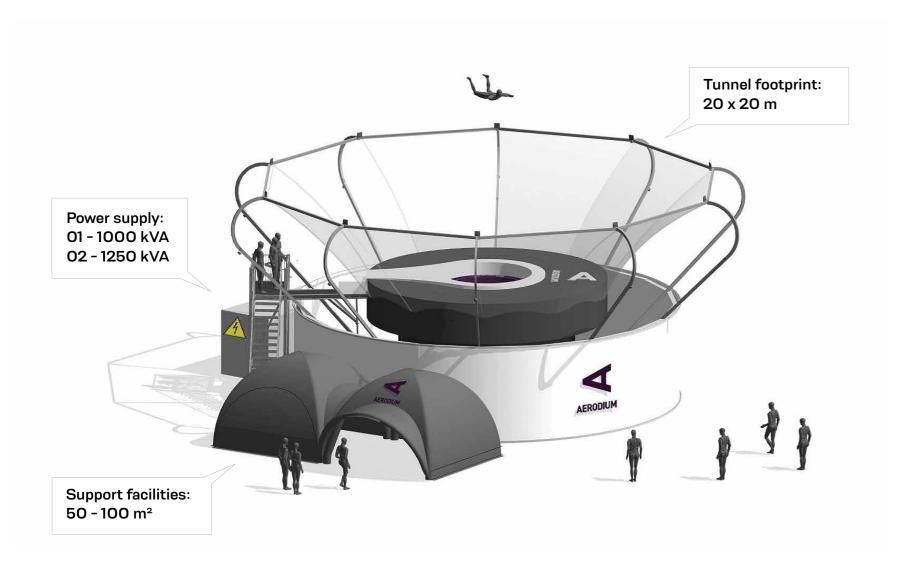


Sports events:

Brand promotion: UNDER ARMOUR. Amusement parks: SELA

Content creation and movies: Mission Impossible, Cupra, Moncler

HOW IT WORKS?



BUDGET ESTIMATE

Sample case UNTOLD 2022

Wind tunnel rental	50 000 €
Transportation	5 000 €
Crane (45t) for tunnel set up and dismantling ~30h	2500€
Forklift (10t) to unload and load containers ~10h	400€
Scissor lift or scaffolding structure (8m)	200€
Electric connection or a generator + fuel	8 000 €
5 support persons for set-up and dismantle	1300€
Aerodium staff travel + accommodation	2 600 €

Total expenses (from), EUR 70 000 €	
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TIMELINE

Assembling and tests

Event

Disassembling

3-4 days

2 days

PROCESS

HOW DOES IT WORK?

- Anyone can fly. Starting from age 4
- The whole experience takes about **30-50 min**
- R tunnels throughput in 1 hour 30 people/flyers (2min package)
- O tunnels throughput in 1 hour -25 people/flyers (2min package)
- The average actual flying time is **3.5 min**



1. PURCHASE A FLIGHT

The minimum flight time is 2 min.

Maximum flight time is not limited.

Bestseller - 4 min package.



2. INSTRUCTION

During the instruction, the instructor informs the clients about safe flying positions in the tunnel.



3. GEAR-UP

Clients need to wear special equipment for a safe flight (flying suits, googgles, and earplugs).



4. WARM-UP

Simple streching and muscle activation to prepare the body for the flight.



5. FLYING

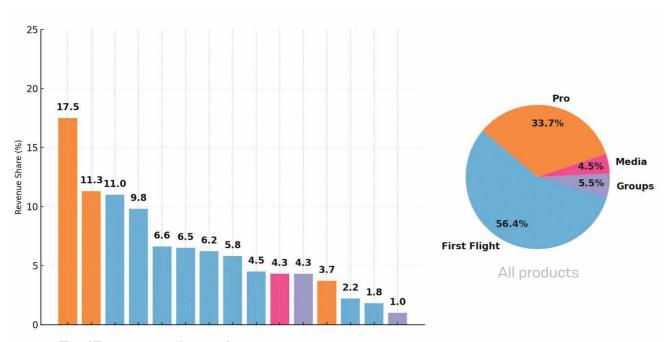
Clients enjoy 2-6 min flight experience. At the end of the session istructors perform flight stunts.



6. AFTER FLIGHT / UP-SELL

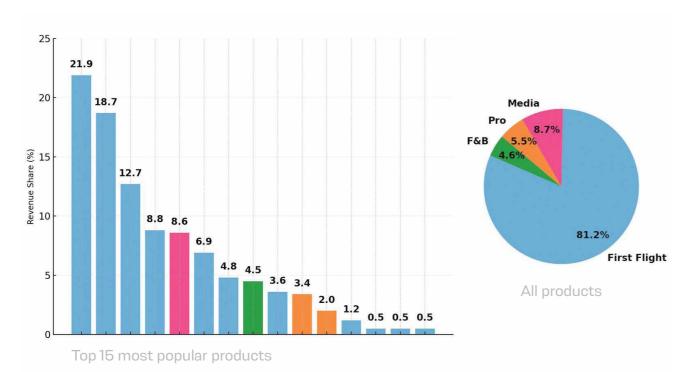
Clients can purchase photos, videos, and merchendise.

Indoor tunnels



Top 15 most popular products

Outdoor tunnels



CUSTOMER TYPES

With over 20 years of experience in the vertical wind tunnel industry, we have developed extensive expertise in identifying target audiences and optimizing revenue streams, enabling us to provide tailored advice on destination marketing strategies based on your specific tunnel type (Recirculation or Open-type). Wind tunnel customer base can be categorized into four distinct segments, each requiring specialized approaches and strategies to maximize success.

1. FIRST-TIME FLYERS

Adults

This group seeks a unique experience, often fulfilling a bucket-list adventure. They represent most of our revenue, yet 90% of these customers do not return for a second flight. Since this is typically a one-time purchase, offering discounts or promotional deals is not strategically beneficial. Instead, the focus should be on exceptional service quality and effective marketing, emphasizing the experience's uniqueness. At approximately €100—comparable to the cost of a quality pair of shoes—pricing remains competitive and accessible.

Kids

This segment offers significant potential for repeat business, as parents frequently enroll their children in regular activities. We can encourage weekly returns and cultivate loyalty by setting an affordable price point for this group. A recent success in Ukraine highlighted the potential of this demographic; organizing a children's competition resulted in a tenfold increase in popularity for our kids' package.

This inspiring outcome is a model worth replicating in other markets.

2. PRO FLYERS

Professional flyers are valuable for their bulktime purchases and regular returns. However, they present two challenges:

- Their rates are significantly lower
- Open-type tunnels may be less appealing due to size and velocity limitations compared to indoor tunnels.

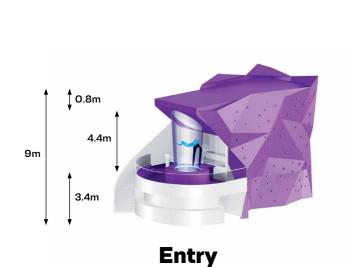
While this group is not a primary growth driver for our open-tunnel model, it remains a stable revenue source.

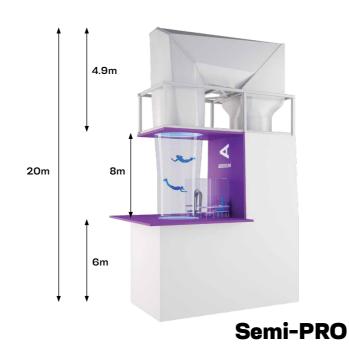
3. CLUB FLYERS

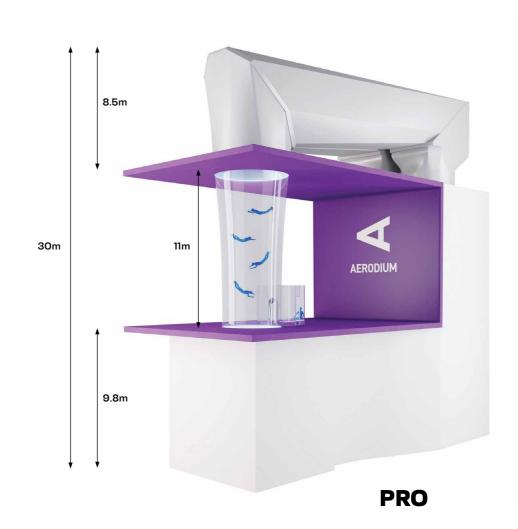
The club package bridges the gap between first-time flyers and PRO flyers. It provides an avenue to nurture future professional flyers by offering ongoing access at a discounted rate. This group represents a critical investment in our long-term customer base. While the pricing is lower, their frequent bulk-time purchases offset the reduced rate.

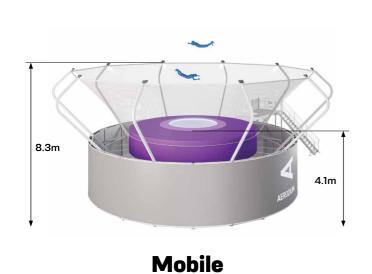
This strategy aligns pricing with customer behavior, maximizing revenue while fostering loyalty and growth in key segments.

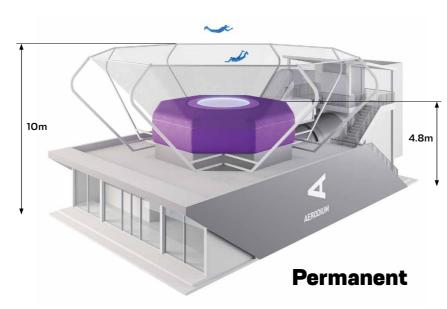
MODEL DIMENSIONS













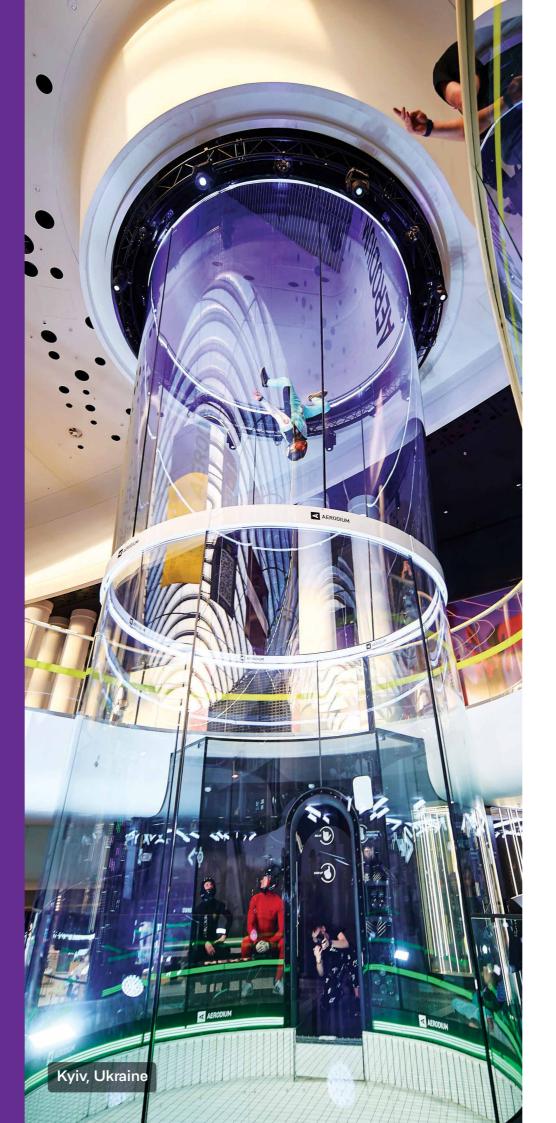
MYTHS vs FACTS

Did you know that the vertical wind tunnel industry has been plagued by numerous myths, often perpetuated by those seeking to hinder innovation and progress?

Less experienced and less knowledgeable individuals often claim that vertical wind tunnels have a standard power consumption, require extremely high speeds, are excessively noisy, benefit from passive cooling systems, and that the cheapest option is always the best.

Drawing on our 45 years of experience and innovation, we're debunking these myths, half-truths, and outright falsehoods that have hindered the growth of the vertical wind tunnel industry.

Our goal is your success. To help you make informed decisions for your retail destination, adventure park, or entertainment facility, we've distilled the most common misconceptions about vertical wind tunnels and provided clear explanations.



POWER CONSUMPTION 30-50% OF TOTAL POWER

Forget about fixed power consumption figures. Our wind tunnels are as adaptable as the flyers themselves. Novice skydivers, making up **70%** of our customers, often use less than half the tunnel's capacity. This means power consumption is surprisingly low, making our tunnels both thrilling and eco-friendly.

MAXIMUM SPEED 285 km/h

While our tunnels can reach a blistering **285 km/h**, the actual speed is tailored to each flyer's skill level and the tunnel's altitude. Novice skydivers, who make up the majority of our customers, typically fly at 50% of maximum speed. Only a select few, including the world's top indoor skydivers, can harness the full power of our tunnels.

65 dB NOISE LEVEL

Imagine soaring through the air without the roar of engines. Our tunnels are designed with noise reduction in mind. With advanced technology like noise-canceling fans, thick glass, and active cooling systems, we've managed to reduce noise levels to a mere **65 dB**. That's 17% quieter than the average shopping mall, ensuring a peaceful and enjoyable flight experience.

CONSTANT 23°C TEMPERATURE

After years of testing and refining, we've settled the debate: active cooling is the way to go. It delivers a consistent **23°C temperature**, ensuring a smooth flow of customers without interruptions. Plus, it cuts down on cleaning and energy costs while keeping the flight zone pristine, free from dust, birds, and other distractions.

STATE OF THE ART EXPERIENCE

As the wise words of John Ruskin and Winston Churchill remind us, cutting corners on quality is a costly mistake. We've witnessed this firsthand. Our tunnel in Kyiv, though initially more expensive, proved to be a far superior choice. While competitors with lower prices struggled and eventually failed, our tunnel continued to thrive, providing an unparalleled experience that customers were willing to pay a premium for.

Remember, the bitterness of a subpar experience lasts far longer than the sweetness of a low price.

ENTRY

Designed for family entertainment centers

Low height

Designed to fit into family entertainment centers.

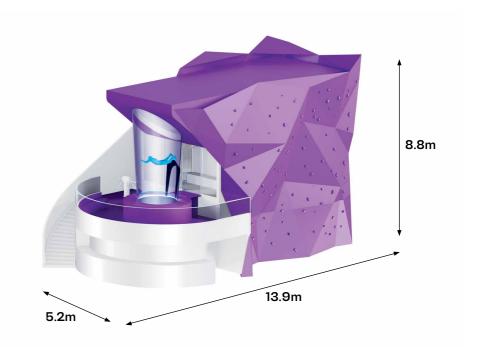
Affordable

The investment is 5x smaller than the industry-leading 14ft model.

Efficient

The power connection needed for the R1 is just one-fourth that of 14-foot indoor tunnel.





MODEL	R1
Electricity connection for tunnel (kW)	400
Average power consumption (kWh)	220
Noise emission in the spectator area (dBA)	63
Manufacturing time (months)	6
Installation (weeks)	4
Wind tunnel price (€)	890 000
Estimated costs (delivery, instalation, infrastructure)	500 000
Total:	1390 000

2.3	
51 020	
-10 000	
-3 960	
-9 000	
73 980	
36	
2 466	3
19	20%
59	4min
	19 2 466 36 73 980 -9 000 -3 960 -10 000 51 020

Profit per year after investment is depreciated	612 240
Fiorit per year arter investment is depreciated	012 240

SEMI-PRO

Designed for shopping malls

Small footprint

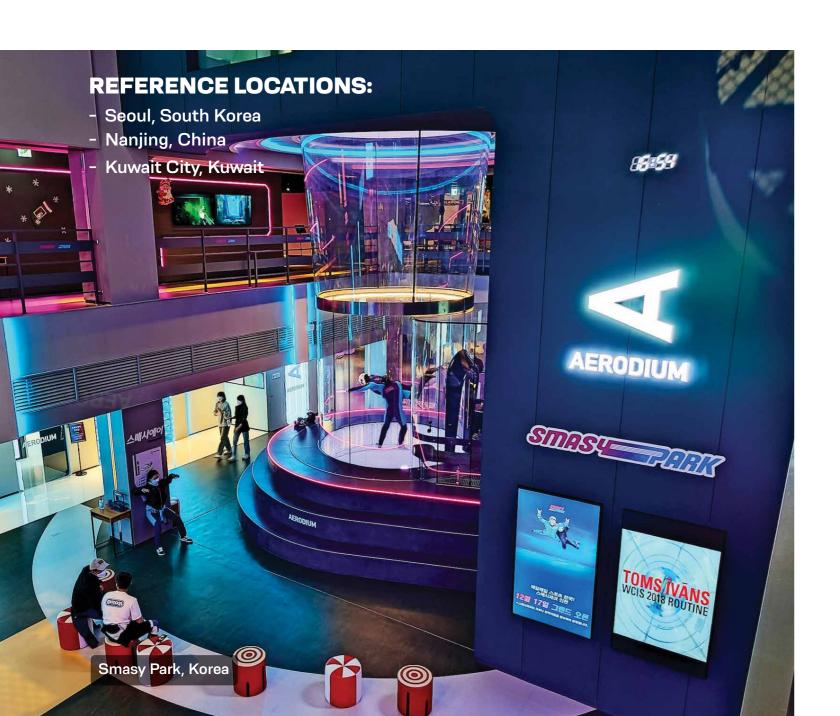
Perfect for space-conscious locations like shopping malls.

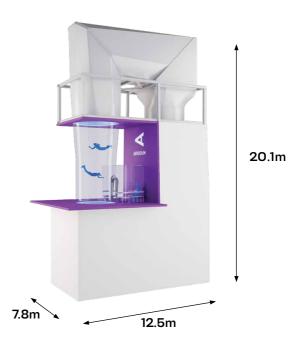
High-performance

Ideal for both beginners and professional flyers, offering a great experience for all skill levels.

Modular design

Self-contained frame, minimizing the need for extensive local construction works.





MODEL	R2
Electricity connection for tunnel (kW)	630
Average power consumption (kWh)	260
Noise emission in the spectator area (dBA)	63
Manufacturing time (months)	6
Delivery volume (containers)	14
Installation (weeks)	12
Tunnel technology components (€)	1950000
Tunnel upgrades and features usually chosen	300 000
Estimated costs (delivery, instalation, infrastructure)	1000000
Total:	3 250 000

Cost of flight ticket (base price for adult)	89		
Video and Photo sales (percentage buying)	19		
Income (3 hours fully sold during each day)	3 546	3	
First-time customers per day	36		
PRO-flyers (hours flown per day)	1.5		
Cost of PRO time flying (1h)	600		
Income per month:	133 380		
Expenses for staff	-13 500		
Expenses for electricity	-4 680		
Other expenses	-10 000		
Profit per month:	105 200		
ROI (years):	2.6		

Profit per year after investment is depreciated	1 262 400
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PRO

Designed for professional training

Maximum performance

Top specs for professionals. The spacious flight area and smooth airflow make it perfect for beginners and adventure seekers alike.

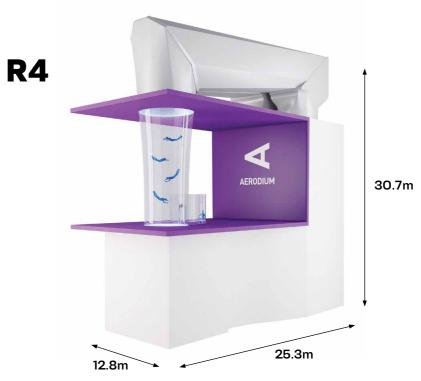
Premium design

The self-supporting glass frame and premium materials create an atmosphere for an unparalleled flying experience.

Competition standard

A diameter of 14 ft (4.3 m) has long been the preferred choice among tunnel flyers for all main disciplines.





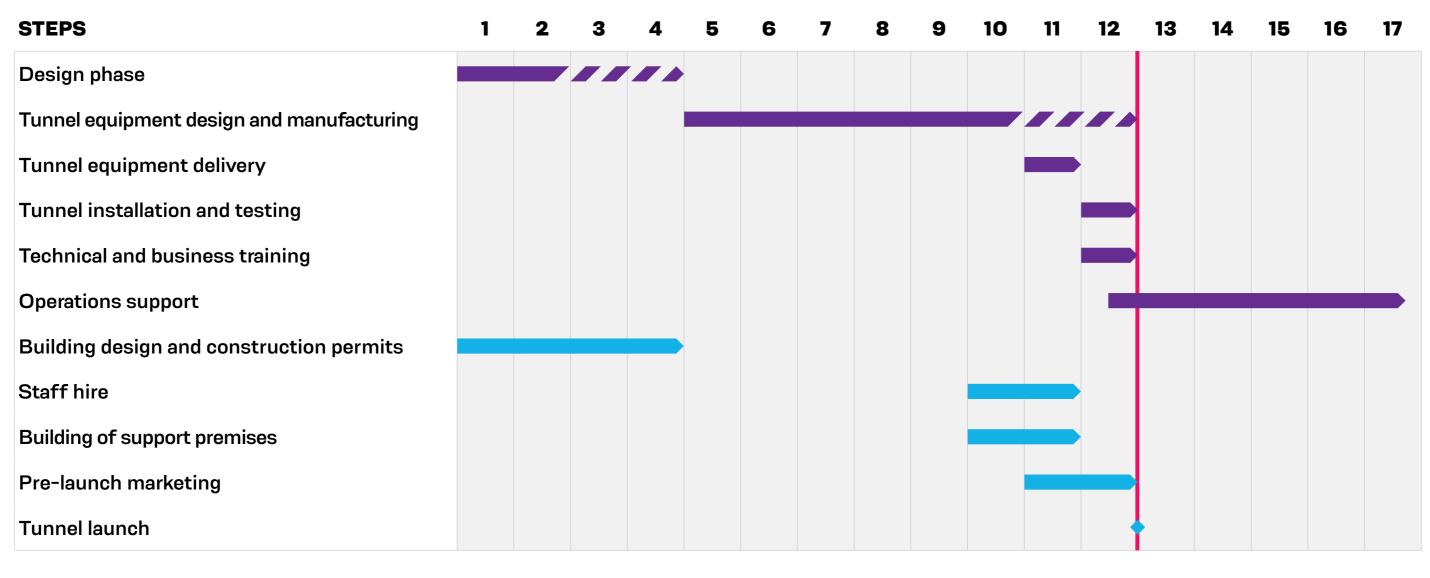
MODELS	R3	R4	R5
Electricity connection for tunnel (kW)	960	1260	1900
Average power consumption (kWh)	200	250	375
Noise emission in the spectator area (dBA)	63	63	63
Manufacturing time (months)	6	6	6
Delivery volume (containers)	30	35	45
Installation (weeks)	16	16	16
Tunnel technology components (€)	2 650 000	3 250 000	3 950 000
Tunnel upgrades and features usually chosen	500 000	500 000	500 000
Estimated costs (delivery, instalation, infrastructure)	2000000	3 000 000	4 000 000
Total:	5 150 000	6 750 000	8 450 000

ROI (years):	3.6	3.8	4.5	
Profit per month:	120 680	147 380	157 880	
Other expenses	-10 000	-10 000	-10 000	
Expenses for electricity	-7 200	-9 000	-9 000	
Expenses for staff		-13 500		
Income per month:	151 380	179 880	190 380	
Cost of PRO time flying (1h)	600	700	700	
PRO-flyers (hours flown per day)	2.5	3.5	4	
First-time customers per day	36			
Income (3 hours fully sold during each day)	3 546	3 546	3 546	3
Video and Photo sales (percentage buying)	19	19	19	20%
Cost of flight ticket (base price for adult)	89	89	89	4mir

Profit per year after investment is depreciated	1 448 160	1768 560	1894560
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TIMELINE

MONTH



OPENING

MOBILE

Designed for seasonal locations

Events and shows

This technology allows us to bring the thrill of flying to extraordinary locations.

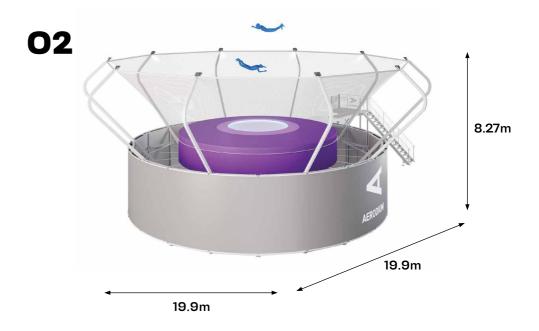
Quick assembly

The smallest mobile tunnel can be assembled in 2 days.

Testing the market

If you're unsure about your market response, with this model, you can try our 6-month rental option.





MODELS	01	02
Electricity connection (kW)	630	800
Average power consumption (kWh)	378	480
Noise emission in the spectator area (dBA)	79	79
Manufacturing time (months)	6	6
Delivery volume (containers)	2	3
Installation (days)	2	3
Wind tunnel price (€)	590 000	690 000
Estimated costs (delivery, instalation, infrastructure)	200 000	250 000
Total:	790 000	940 000

ROI (years):	1	1	
Profit per month:	65 276	79 640	
Other expenses	-10 000	-10 000	
Expenses for electricity	-6 804	-8 640	
Expenses for staff	-13 500		
Income per month:	95 580	111 780	
Customers per day	36		
Income (3 hours fully sold during each day)	3186	3 726	3
Video and Photo sales (percentage buying)	19	29	50%
Cost of flight ticket (base price for adult)	79	89	4mi

Profit per year after investment is depreciated	783 312	955 680
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PERMANENT

Designed for permanent locations in urban environments

Low noise

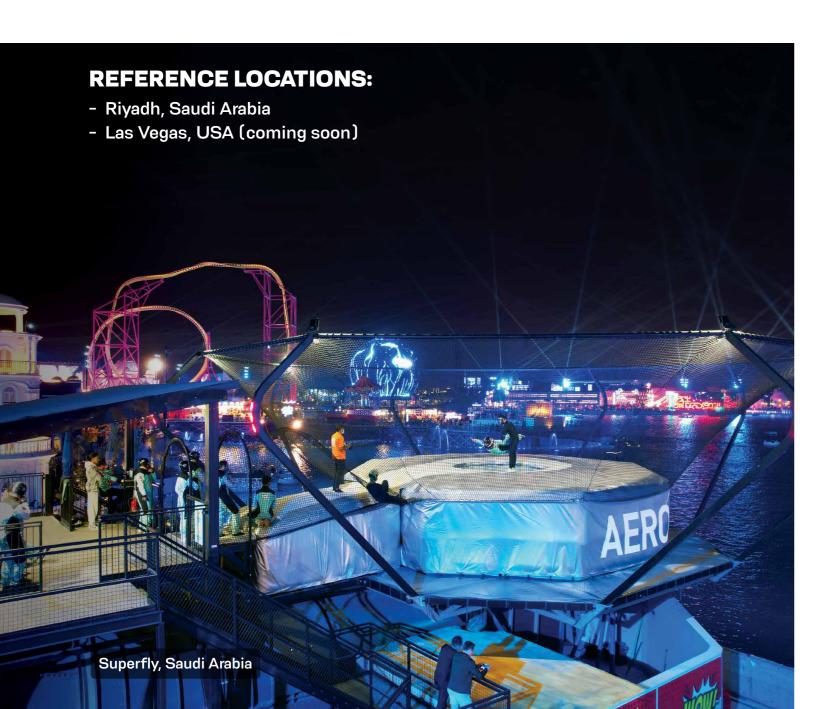
This low-noise technology (90 dBA in-flight, 65 dBA for spectators) is ideal for urban and tourist areas, allowing for earplug-free flying and conversation.

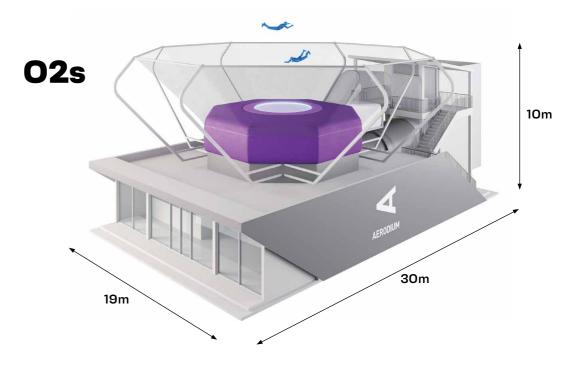
All season operations

Ideal for warmer climates with extended outdoor seasons.

Integrated support premises

Integrated support premises make this concept very compact and self-sufficient.





MODELS	02 s	03 s
Electricity connection (kW)	800	1260
Average power consumption (kWh)	480	756
Noise emission in the spectator area (dBA)	65	65
Manufacturing time (months)	6	6
Delivery volume (containers)	6	12
Installation (weeks)	4	4
Wind tunnel price (€)	1100 000	1700 000
Estimated costs (delivery, instalation, infrastructure)	300 000	350 000
Total:	1400 000	2 050 000

Cost of flight ticket (base price for adult)	89	89	4min
Video and Photo sales (percentage buying)	29	29	50%
Income (3 hours fully sold during each day)	3 726	3 726	3
Customers per day	36		
PRO-flyers (hours flown per day)	1	1	
Cost of PRO time flying (1h)	600	600	
Income per month:	129 780	129 780	
Expenses for staff	-13 500		
Expenses for electricity	-8 604	-13 608	
Other expenses	-10 000	-10 000	
Profit per month:	97 640	92 672	
ROI (years):	1.1	1.8	

Profit per year after investment is depreciated 117	1 680 1 112 064
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115 PROJECTS 46 COUNTRIES

PUBLIC TUNNELS

- Ukraine, AERODIUM Kyiv (Enclosed Pro, R3), since 2023
- Saudi Arabia, Superfly (Open-air Permanent, O2s), since 2022
- UK, AERODIUM Bluewater (Open-air Mobile, O2), since 2022 Israel, My Baby mall (Open-air Mobile, O2), since 2022
- France, Flyin Clermont (Indoor Open-air Mobile, O1), since 2021
- South Korea, Smash Park (Enclosed Semi-Pro, R2), since 2021
- Macau, GoAirborne (Enclosed Pro, R4), since 2021
- China, AERODIUM Fuzhou (Open-air Mobile, O2), since 2021
- · China, AERODIUM Wuzhizhou Island (Open-air Mobile, O1), since 2017
- · China, Shanghai Disney Resort (Custom open recirculation, R4), since 2016
- Bahrain, Gravity (Enclosed Pro, R4), since 2015
- · Slovenia, AERODIUM Logatec (wall-to-wall, W3), since 2015
- Finland, Aeronautica Arena (Enclosed Pro, R4), since 2013
- · Denmark, Copenhagen Air Experience (wall-to-wall, W3), since 2009
- · Latvia, AERODIUM Sigulda (Open-air Mobile, O2), since 2005

UPCOMING PROJECTS

- · Saudi Arabia, Khobar (R4) 2026
- · Romania (R2) 2026
- · Italy (R4) 2026
- · South Korea, Jeju Island (Open-air Mobile, O2), 2025
- · China, Nanjing (Enclosed Semi-Pro, R2), 2025
- Kuwait, Shaheed Park (Enclosed Semi-Pro, R2), 2025
- USA, Las Vegas (Open-air Permanent, O2s), 2025 · Saudi Arabia, Riyadh (Enclosed Pro, R4), 2025

SHOWS AND SHORT TERM EVENTS

- · UAE, Abu Dhabi, 2024
- · Jeddah Season, Saudi Arabia, 2023
- UNTOLD Festival, Romania, 2017, 2018, 2019, 2022
- Teknofest, Azerbaijan, 2022
- National day, Kuwait, 2022
- Moncler fashion show, China, 2021
- Seat CUPRA commercial (flight scenes), Spain, 2020
- · Scarlett Johansson: Black Widow (flight scenes), UK, 2019
- · Mark Wahlberg: Infinite (flight scenes), UK, 2019
- Teknofest, Turkey, 2018, 2019
- · Cadillac promotional event, China, 2019
- Shanghai Disney Resort, China, 2018
- Tom Cruise: Mission: Impossible Fallout (flight scenes), UK, 2018
- Under Armour promotional event, China, 2018
- Volvo Ocean Race, Spain, 2017
- · F1 Grand Prix of Europe, Azerbaijan, 2016
- Flying Dream, China, since 2015
- NFL Draft, USA, 2015
- · Mercedes Benz presentation, China, 2015
- Guinness World Record Show, Italy, 2012
- Peter Pan Musical, Europe, 2012 2015
- · Jackie Chan: Chinese Zodiac (filming of flight scenes), Latvia, 2012
- Red Bull BOI Fair, Thailand, 2012
- Mexico 200th Anniversary, 2010
- World EXPO, China, 2010
- · Closing ceremony of Olympic Games, Italy, 2006
- Superman Returns movie premiere, Italy, 2006
- And many more!









WE ARE ALREADY TRUSTED BY





























AERODIUM has patented and certified numerous innovative design solutions, including improved safety systems for vertical wind tunnels, to enhance customer experience worldwide.

AERODIUM vertical wind tunnels are TUV compliant according to EN 13814 Safety of amusement rides and amusement devices. This ensures that AERODIUM customers enjoy ultimate safety and an aesthetically pleasing experience wherever they fly.



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