

Air Sync by Yuta Ishikawa Wins Platinum in A' Safety Industry and Protective Wear Awards

*Wearable Microclimate System
Recognized for Advancing Thermal
Comfort and Safety in Heat Exposed Work
and Daily Life*

COMO, CO, ITALY, August 26, 2026
/EINPresswire.com/ -- The A' [Design Award](#) has announced Air Sync by [Yuta Ishikawa](#) as a Platinum winner in the Safety Clothing and Personal [Protective Equipment](#) Design category. The A' Safety Clothing and Personal Protective Equipment Design Award is a highly respected international recognition within the protective equipment field, acknowledging works that demonstrate considered innovation and meaningful contributions to safety and design. Air Sync, described as a Microclimate Wear, was evaluated through a blind peer review process against pre established criteria by an expert jury panel. This recognition positions Air Sync as an outstanding example of good design within the protective equipment industry. The Platinum A' Design Award designation reflects the rigorous standards applied throughout the evaluation.



Air Sync

The relevance of Air Sync extends well beyond an individual achievement, addressing a growing concern across the protective equipment industry. With more than eighty thousand people transported for heatstroke each year in Japan alone, the demand for effective personal cooling solutions continues to rise in urban environments and outdoor work settings. Air Sync responds to this need by reframing clothing as personal climate infrastructure that supports thermal regulation, mobility, and safety. The design aligns with industry priorities for ergonomic consideration, energy efficiency, and everyday wearability. For users, employers, and stakeholders, the garment offers a practical approach to reducing heat related risk while maintaining comfort.

Air Sync enables effective cooling without relying on high airflow output, distinguishing it through structural airflow management. A narrowed intake accelerates incoming air through a patented Venturi effect, while a sun shielded intake structure draws air cooler than the surrounding environment. Adjustable front and rear exhaust zippers regulate internal pressure, airflow volume, and velocity, allowing precise control of perceived temperature. Internal guide fins and branching tunnel channels direct cooling air toward axillary, carotid, and central back zones rather than dispersing it randomly, while laminated composite textiles and precision pattern engineering maintain stable internal airflow geometry during movement. Applied design research recorded one hundred eighty percent higher localized airflow and a one hundred fifty to two hundred percent improvement in battery efficiency.

This recognition may inform future directions for the studio, encouraging continued exploration of wearable cooling systems across a wide range of applications from formal wear to medical uniforms. The patented method of anchoring non stretch airflow tunnels to the garment framework establishes a stable internal airflow architecture that addresses structural instability common in conventional air cooled garments. This foundation supports adaptation for both everyday use and specialized professional environments. The Platinum A' Design Award serves as motivation for ongoing refinement and innovation, reinforcing a commitment to design that contributes to comfort and safety in hot conditions.

Interested parties may learn more about the award winning design, its features, and its creator at the dedicated page prepared by the A' Design Award.

<https://competition.adesignaward.com/ada-winner-design.php?ID=181777>

About Yuta Ishikawa

Yuta Ishikawa is a designer from Japan working at the intersection of fashion, design strategy, and functional apparel development. Through research driven methodologies and structural thinking, Ishikawa develops garments that integrate technology, material integrity, and aesthetic clarity. The approach is guided by a philosophy that emphasizes simplicity and purposeful design, connecting craftsmanship with the practical demands of contemporary life.

About Fashion Curating Studio

Fashion Curating Studio is a Tokyo based creative collective working across fashion design, functional apparel development, and design strategy. The studio applies research driven methodologies to the apparel field, integrating structural thinking, material research, and aesthetic clarity. Guided by the philosophy Beauty works, it emphasizes simplicity, functionality, and material integrity. Through these principles, the studio develops garments and design systems that connect craftsmanship, technology, and contemporary life.

About Ishikawaya

Ishikawaya / Fashion Curating Studio is a Tokyo based design company specializing in fashion, uniforms, and functional apparel, including Air Sync, a patented airflow technology for garments.

The studio describes itself as a deep tech design studio creating next generation safety infrastructure in response to global heat challenges. Guided by the philosophy Beauty Works, it designs the visualization of problem solving through function, structure, and engineering. Its services include branding, creative direction, product development, store environment design, uniform design, and designer development.

About the Platinum A' Design Award Recognition

The Platinum A' Design Award is the highest distinction granted by the A' Design Awards, recognizing designs that demonstrate notable innovation and meaningful societal contribution. Within the Safety Clothing and Personal Protective Equipment Design category, recipients are assessed against criteria including innovation in protective equipment design, user safety assurance, ergonomic consideration, durability and longevity, material quality and sustainability, comfort and wearability, efficiency in protection, technological integration, and compliance with standards. Designs receiving this designation reflect strong technical properties, considered artistic skill, and practical functionality. The recognition highlights work that advances the boundaries of design and technology while supporting improved quality of life. It is regarded as an important achievement within the field.

About A' Design Award

The A' Safety Clothing and Personal Protective Equipment Design Award is a highly esteemed competition within the safety clothing and personal protective equipment industry, offering companies, brands, designers, and design agencies an opportunity to present their work and gain international recognition. Entries are blind peer reviewed and voted on pre established evaluation criteria by a world class jury panel comprising design professionals, protective equipment industry experts, journalists, and academics. Organized since 2008 and now in its eighteenth year, the A' Design Award is an international and juried competition open to entries from all countries and across all industries. The ultimate aim of the A' Design Award is to recognize and promote superior products and projects that advance and benefit society, driven by a philanthropic mission to help create a better world through the transformative power of good design. Interested parties may learn more about the A' Design Awards, explore jury members, view past laureates, and take part with their projects at the following url:

<https://protectiveequipmentawards.com>

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