

## Ventilation

The combined systems offer excellent and efficient ventilation. The new top duct provides 11% more airflow, with bigger switches for effortless operating. The new diffuser is 20 mm longer with improved aerodynamics, and 19% larger intake scoops, both work together with the Air Wing to improve stability.

### General

- ✓ Outer shell PB-CLC<sup>2</sup>
- ✓ Variable Axis System (VAS)

### Front ventilation

- ✓ Center top vent - intake
- ✓ Diffuser system
- ✓ Standard brow vents\*\*

### Rear ventilation

- ✓ Neck exhaust vent
- ✓ Side exhausts

### Aerodynamics

- ✓ Patented Air Wing<sup>®</sup> non-adjustable\*\*

### Visor

- ✓ PRO Shade System\*\* (option)
- ✓ Pinlock insert lens (option)

### Interior

- ✓ Antimicrobial Liner material
- ✓ Replaceable Cheek Pads/Ear cups
- ✓ Replaceable Interior
- ✓ Replaceable Chinstrap covers
- ✓ Speaker pockets
- ✓ 5mm "Peel Away" Ear cups/Cheek pads
- ✓ 5mm "Peel Away" Temple pad
- ✓ Water resistant layered cheek pads
- ✓ Removable slit for glasses

### Approval

- ✓ ECE 22-05

\*\* Innovated and exclusively offered by Arai



**SZ-R VAS**  
**Diamond White**

Available sizes: XS-XXL



### PB-CLC<sup>2</sup> Shell

Arai's Peripherally Belted Complex Laminate Construction greatly increases shell strength and flexibility while maintaining low weight and a lower centre of gravity. Positioned across the top of the eye port, this band contributes to the use of a thinner EPS liner which greatly enhances the upward field of view. A specially designed "mechanically expanded fibre mat", sandwiched between the inner and outer layers of Arai's proprietary Super Fibre Laminates, is used to reinforce and bond these two Super Fibre layers without adding significant weight to the helmet.



### Diffuser system

The new diffusers are 20mm longer and straightened for improved aerodynamics, working together with the Air Wing to improve stability. Compared to the previous diffusers, the efficiency of the intake scoops of the new diffusers has increased by 19%. The new air intake vents not only have more adjustability with three positions; closed, half open and fully open but also help to improve sealing that decreases wind noise and water intrusion.



### Speaker pockets

Build in communication systems are popular, but the problem is often that the room for a speaker is limited or just not present, causing unpleasant pressure points. The speaker pockets, offering room for mounting speakers without effecting comfort or fit. (Speaker not included).



### Antimicrobial Liner material

Helps maintain neutral acidity levels close to human skin and anti-bacterial consumption. With the aim of a softer, deeper and even more comfortable fit we developed a softer liner frame material. The liner also has adjustable temple padding that allows for a customized fit.



### PRO Shade System (optional)

Arai answer to the problem of sun glare and visor fogging. The PSS offers an efficient combination of an easy to flip up, lockable sun peak, the Max Vision visor and the efficient Pinlock inlay lens. PSS offers protection against sun glare, without effecting the integrity and strength of the helmet shell which could be caused by building sun visors. Available for both VAS and SAI visor system.



## Five times inspected

Each Arai helmet goes through five separate quality-control departments: after the shell is made, after painting and graphic completion, after assembly and two in-process inspections.



## Washable interior

The premium quality interior of any Arai helmet can be easily cleaned, in place, with mild soap and lukewarm water



## Handmade

It can take up to five years for our experts to earn the right to create an Arai shell. Each shell can take up to 27 steps and to build one Arai helmet will take about 18 man-hours.



## All-day comfort

All-day comfort with the Arai interior fit and shape together with the finest liner materials and the extensive ventilation system. And thanks to the perfect balance and weight distribution of the helmet, you hardly notice you are wearing an Arai.



## Penetration tested

All Arai helmets are penetration tested, although not required by European helmet standards. The Arai penetration test is performed with a 3kg test cone that strikes from a height of 3m on the helmet.



## Double-D ring device

The flat and D-shaped rings fit smooth against the chin. No moving parts, no corrosion problems and just pulling the tab is enough to loosen the fastener.



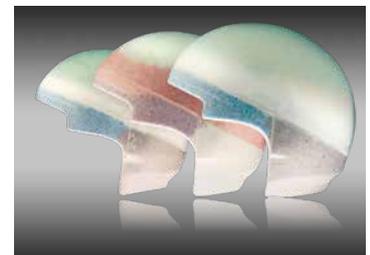
## Smooth shape, better protection

The smooth outer shell of Arai helmets is designed to glide without unnecessary resistance. You don't want to decelerate your helmet more than necessary. That's why all Arai vents and ducts are designed to break off during an impact.



## Hard outer shell, soft inner shell

Arai uses a very hard outer shell to spread impact forces and a soft inner shell to absorb remaining energy. The multiple-density EPS inner shell is made using a unique technology of combining three to five densities in various areas as a single component.



## Organic shape

The organic shape of an Arai outer shell offers a more natural appearance, seals better and conforms more to the head's natural shape for improved comfort, fit and to help minimize wind turbulence.



## 5-year limited warranty

All Arai helmets are warranted against defects in materials and workmanship, and are serviceable only for the properly fitted first user for 5 years from date of first use, but no more than 7 years from date of manufacture.



## Different outer shells

Unlike many other manufacturers Arai provides one size outer shell for each two-helmet sizes for most models. Together with different shaped outer shells for different models it is almost impossible not to find the fit you are looking for.



## Arai In-house criteria

This Arai helmet is designed to meet the stringent Arai In-house criteria, in addition to the mandatory ECE 22-05 standard.

