

RX-7V FEATURES



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PB SNC² Shell

Super Fibre and other special synthetic fibres, with superb tensile strength and flexibility characteristics, developed for F-1 helmet visor panel, assembled and bonded by Arai experts, reinforcing across the forehead area (imagine the steel belts used to hold a barrel together) with a variety of carefully stacked and moulded materials. Newly developed resin creates stronger bonds between shell materials with less weight.



Diffuser Type 12

New Type 12 diffusers are 20mm longer and straightened for improved aerodynamics, working together with the Air Wing to improve stability. Compared to the previous Type 10 diffusers, the efficiency of the intake scoops of the new Type 12 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.



Eco Pure Liner

The fully removable interior liner system has been improved with new Eco Pure material, which helps maintain neutral acidity levels close to human skin and antibacterial consumption. With the aim of a softer, deeper and even more comfortable fit we developed a new softer liner frame material. The new liner also has adjustable temple padding that allows for a customized fit.



VAS V MV Shield

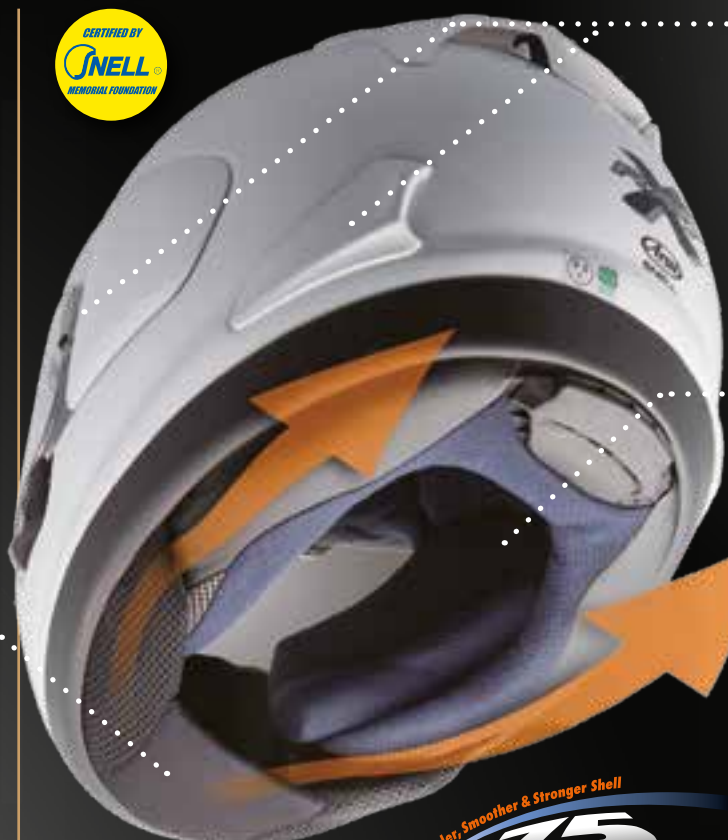
VAS MAX Vision shield is standard to provide better visibility in all seasons and for all types of riding. Comes standard with Clear anti-fog Pinlock insert to be installed as needed.



The RX-7V represents the summit of Arai's knowledge, experience and know-how in helmet technology. With a completely new PB-SNC² outer shell, the revolutionary VAS ("Variable Axis System") visor system and a significantly increased smoother area around the temples, the RX-7V offers the new benchmark in the premium helmet segment. From the also new Eco Pure liner with an even slimmer frame, to the new ducts, improved diffuser and the integrated Air Channels, every part shows the attention to detail that is so typical for Arai. Arai has continually improved the "glancing off" performance by learning from real scenarios. Thanks to the new stronger and smoother shell and VAS, the RX-7V is closer to the ideal helmet shape than ever. With VAS, the visor mounting position is lowered, yielding an average of an additional 24mm across both temple areas, in pursuit of the ideal smoother shape that increases the ability of glancing off energy. As a result, this has made it possible for more of the shell to be smoother along and above the test line of the Snell standard.

IC Duct5

The new IC Duct5 provides 11% more airflow than the previous Delta Duct5. The new bigger switch makes opening and closing easier. The new IC duct-5 has three positions; closed, half open and fully open to adjust the airflow and prevent water intrusion when fully closed.



Air Channel

Enhanced air exhaust from the eye port area, pulled through dedicated air channel to side cowling, improving efficiency and reducing noise.



Full Support Interior

FCS Cheek pad with ear pocket recess for speakers and 5mm peel away layer for added room if needed. Larger space in mouth area for a more open feeling. Smaller NE nozzle without reduced exhaust efficiency. New emergency release tab positioned at the end of the release strap for easier access by rescue staff. Improved comfort performance with better fitting while being easier to put on and off.

Chin Cover

Attached to the bottom of the helmet, the new chin curtain helps to further accentuate the Egg-shape form. The curtain simultaneously blocks air intrusion from turbulent air below and increases negative pressure to enhance the exhaust function of FFS by drawing more air from the mouth area. The improved airflow reduces noise even further.





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GENERAL FEATURES

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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, (except Freeway-2, Penta, Astro-Light and VX-Pro Jr) 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.



Rounder, smoother, stronger shell

The 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.



Stronger outer shell, softer inner shell

Arai uses a stronger outer shell to spread impact forces and a softer 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 test

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

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