

Ventilation

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.

General

- ✓ Outer shell CFC
- ✓ Variable Axis System (VAS)

Ventilation

- ✓ Free Flow System (FFS)
- ✓ Eyeport air channel

Front ventilation

- ✓ Center top vent - intake
- ✓ Diffuser system
- ✓ Brow vents extended to temple area**
- ✓ Three position chin vent

Rear ventilation

- ✓ Neck exhaust vent
- ✓ Side exhausts

Aerodynamics

- ✓ Pull Down Chin Spoiler
- ✓ Patented Air Wing® adjustable**

Visor

- ✓ VAS Max Vision Visor with De-Mist option
- ✓ New Shield Latch Lever
- ✓ Pinlock insert lens included

Interior

- ✓ Antimicrobial Liner material
- ✓ Replaceable Cheek Pads/Ear cups
- ✓ Replaceable Interior
- ✓ Replaceable Chinstrap covers
- ✓ Replaceable Neckroll
- ✓ Speaker pockets
- ✓ Facial Contour System (FCS)
- ✓ 5mm "Peel Away" Ear cups/Cheek pads
- ✓ 5mm "Peel Away" Temple pad
- ✓ Thin centre pad for more room in front area

Comfort

- ✓ Emergency Release System (ERS)
- ✓ Breath guard
- ✓ Chin Curtain

Approval

- ✓ ECE 22-05
- ✓ SNELL M2010/2015

** Innovated and exclusively offered by Arai



RX-7V RC
Carbon

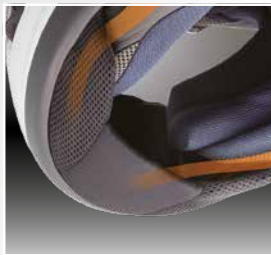
Available sizes: XS-XL



CFC Shell

Carbon Fibre Composite

Exclusive technology developed internally by Arai for the GP-6RC F-1 helmet utilizes carbon fibre found in the latest generation of commercial airlines, and is bonded with Arai's proprietary resins and is reinforced with a band of incredibly super fibre belt specifically oriented to disperse energy loads laterally across the shell surface. In the forehead area, this band increases shell strength without adding thickness or weight, and allows the use of a thinner EPS liner which greatly enhances the upward field of view – especially appreciated in a full racing tuck!



Chin Curtain

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.



VAS V MV Visor

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.



Antimicrobial Liner material

The fully removable interior liner system has been improved with new Anti-microbial Liner 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.



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 neck exhaust 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.



GENERAL ARAI FEATURES

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 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 and voluntary standards such as SNELL M2015.

