

### Ventilation

Racers love the RX-7V's ability to keep them cool, no matter how hot the laps get. So we had to make sure that the RX-7V Racing's aero-kit had zero impact on the twin diffusers' induction efficiency. So it hasn't. Like the RX-7V the Air Channel System flows air from the eye ports to the side ducts, while the chin cover blocks air intrusion and draws from the mouth area.

### General

- ✓ Outer shell PB-SNC<sup>2</sup>
- ✓ 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

- ✓ Fixed Chin Spoiler
- ✓ Patented Air Wing<sup>®</sup> non-adjustable\*\*
- ✓ Diffuser Extension-2

### Visor

- ✓ 2D visor with tear-off post
- ✓ New shield latch lever
- ✓ PRO Shade System (option)\*\*

### 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 (option)
- ✓ Chin Curtain (option)

### Approval

- ✓ ECE 22-05
- ✓ FIM FRHPh-01



**RX-7V RACING**  
White

\*\* Innovated and exclusively offered by Arai



**FIM RACING**  
**HOMOLOGATED**  
HELMET



#### Diffuser Extension-2

Designed to 'fill-in' and smooth the aerodynamic flow between the helmet and the rider's suit hump, the rear spoiler is available in either clear or painted form. It's also designed to provide minimal resistance to impact forces (or impede glancing-off performance) as it simply breaks away. Please note it is not available separately.



#### 2D visor with tear-off post

For race-pace clarity a flat, 2D visor with tear-off posts is standard equipment on the RX-7V Racing.



#### Emergency Release System (ERS)

Allows easier access to an injured rider. By pulling the orange tabs integrated in the pads, the cheek pads slide out. Making helmet removal easier for trained medical personnel and rescuers. Minimising the risk of additional injury.



#### Antimicrobial liner material

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 softer liner frame material. The liner also has adjustable temple padding that allows for a customized fit.

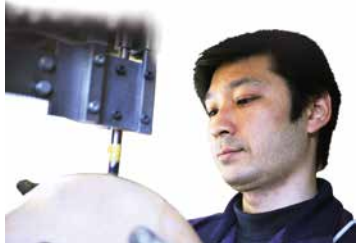


#### Fixed airwing

MotoGP tested and designed to greatly reduce drag, turbulence and buffeting resulting in more comfort and additional top-speed. It improves stability of the helmet at high speeds or when braking hard and reduces noise.

## 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.



## Strong outer shell, soft inner shell

Arai uses a very strong 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.

