



Racing Specialities

RX-7V

The RX-7V represents the summit of Arai's knowledge, experience and know-how in helmet technology. With a completely new PB-SNC outer shell, the revolutionary VAS (Variable Axis System) visor system and a significant 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.

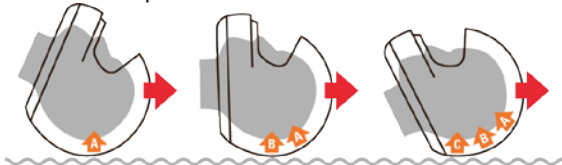
Technical Information for the RX-7V:

Drop tests required by laboratory test standards are limited to a vertical fall with the helmet having to accept all of the impact energy directly at one point.



- **R75 Shape**

However, real scenarios are very different. In actual accident situations, most cases show that helmets hit obstacles at an angle (oblique impact) not vertically. Therefore, during an oblique impact, the point of impact moves as the helmet and obstacle move against each other. This changing impact point increases the helmets ability to better disperse and attenuate impact energy. This is that glancing off. Arai believes that no helmet can manage all potential impact energy, therefore avoiding or diverting potential impact energy with a rounder smoother shape should be a key function of a helmet. This is why R75 is one of the most important in-house standards at Arai.



- **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.



- **VAS (Variable Axis System)**

The RX-7V has the new Variable Axis System (VAS) incorporating a moving pivot point. By combining the pin trajectory, which is based on an imaginary axis, with the two trajectories of the double pivot point slot, the shield opens and closes smoothly; even with the much lower shield mount position. A dual-function lever releases both the side cover/pod and shield pin for quick and simple shield removal.



- **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.





Racing Specialities

RX-7V



**INTERMEDIATE
OVAL**



- **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 cowl-6, improving efficiency and reducing noise.



- **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.

- **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.



White



Matt Black



Hayden WSBK17

NEW



RX-7V

Racing Specialities



HONDA RC30
NEW



Joey Dunlop
NEW



Nakano



Doohan TT



Crutchlow GP



Jonathon Rea

<u>PART NO</u>	<u>DESCRIPTION</u>	<u>SIZES</u>	<u>RRP*</u>
AH34WH_	White	MD-XL	1099.95
AH34MB_	Matt Black *NEW 3XL*	XS-3XL	1099.95
AH34BK_	Gloss Black	SM-XL	1099.95
AH34DO_	Doohan	XS-2XL	1299.95
AH34VIN_	Vinales	SM-XL	1299.95
AH34STBK_	Statement Black	SM-XL	1299.95
AH34HRC_	HRC	SM-XL	1299.95
AH34PSAM_	Pedrosa Samurai	SM-XL	1299.95
AH34STCOR_	Statement Corsa	SM-XL	1299.95
AH34GHGN_	Ghost Green	MD-XL	1299.95
AH34GHRD_	Ghost Red	MD-XL	1299.95
AH34CLOW_	Crutchlow GP	SM-XL	1299.95
AH34REA_	Jonathon Rea	SM-XL	1299.95
AH34MAV_	Maverick Vinales	SM-XL	1299.95
AH34NAK_	Nakano	MD-XL	1299.95
AH34DIM_	Doohan TT	MD-XL	1299.95
AH34HAY_	Hayden WSBK17 *NEW*	SM-XL	1299.95
AH34DUN_	Joey Dunlop *NEW*	MD-LG	1299.95
AH34RC30_	Honda RC30 Replica *NEW*	SM-XL	1299.95



Racing Specialities

RX-7V



Gloss Black



Doohan



Maverick



Vinales



Statement Black



Pedrosa Samurai



Ghost Green



Ghost Red



HRC



Statement Corsa



Racing Specialities

RX-7V

SUITABLE VISORS

Tear Off Visors

<u>Part Number</u>	<u>Description</u>	<u>RRP</u>
AH011054	Clear	109.95
AH011055	Dark Tint	109.95
AH011059	Light Tint	109.95
AH011065	Tear Offs	19.95

Max Vision Pinlock Visors

<u>Part Number</u>	<u>Description</u>	<u>RRP</u>
AH011057	Clear	99.95
AH011058	Dark Tint	99.95
AH011056	Light Tint	99.95

Mirrored Visors

<u>Part Number</u>	<u>Description</u>	<u>RRP</u>
AH011095	Coated Silver	169.95
AH011096	Coated Red	169.95
AH011097	Coated Blue	169.95
AH011098	Coated Green	169.95

Pro Shade System

<u>Part Number</u>	<u>Description</u>	<u>RRP</u>
AH011070	Pro Shade System	149.95
AH011071	R/Ment Clear Shield	109.95
AH011073	R/Ment Tinted Sun Visor	69.95
AH011138	Pivot Cover (Pair)	7.95