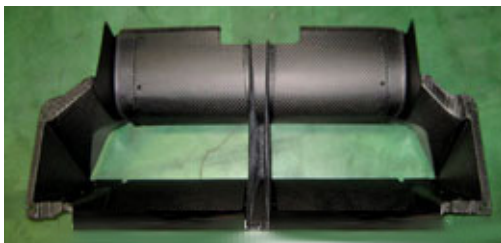
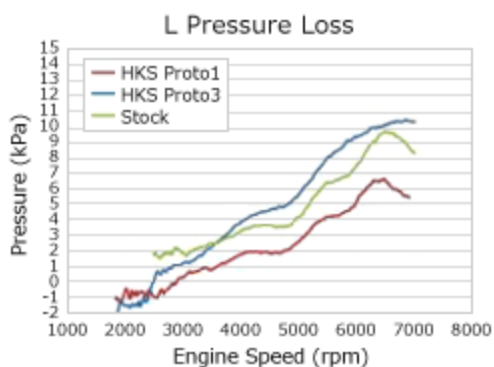


R TYPE INTERCOOLER

Intercooler Kit for NISSAN GT-R R35.

Large capacity core with carbon air guide will greatly improve cooling performance. The carbon air guide has premium looking. Even though the core has larger capacity, weight of the intercooler unit is lighter than stock. Performance level is much higher than other manufactures' products, which are just slightly larger than stock intercooler.



◆ Cooling performance

Although performance of stock intercooler is good, it is just good for stock boost level. At boost 1.2k (GT570 Kit, GT600 Kit), temperature of compressed air will be increased. (Cause: Since stock core size is not enough for the flow capacity of stock turbochargers.) To improve cooling performance, larger core is required. After performance tests, if the core size is just slightly larger, there is not so much performance improvement. To achieve great performance enhancement, the large size (Size: 400x260x65) & thin core was selected.

◆ Lightweight

Intercooler unit is lighter than stock. It reduces weight of overhang.
(Stock : 9.6kg HKS : 8.0kg)

◆ Pressure loss

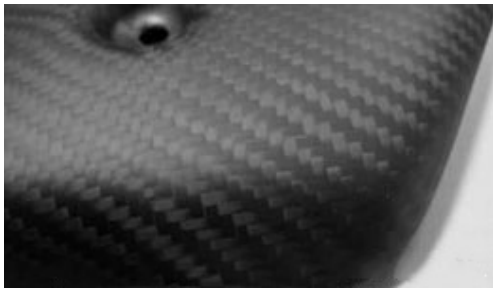
To prevent pressure loss due to the thin core, the new inner fin design will minimize pressure loss.

◆ Affection to water temperature

Large capacity core tends to affect to air flow for radiator. With the thin core, air flow speed to radiator will be increased. During tests at Sendai Highland Circuit and Fuji Speedway by a professional racing driver, increasing of water temperature was the same level as stock system.

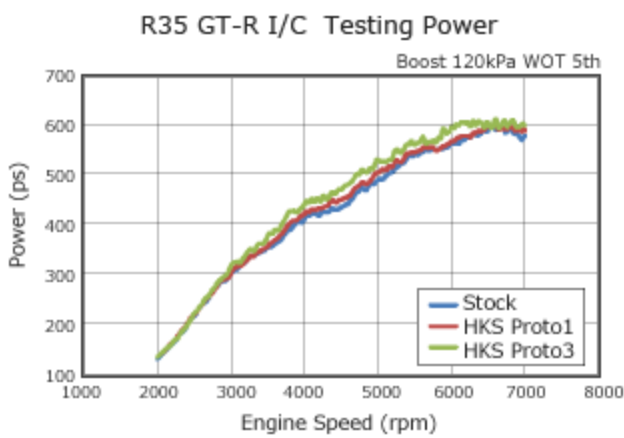
◆ Special large carbon air guide

The shape of the air guide fits to the core size. Induction air



The shape of the air guide fits to the core size. Induction air flow goes through efficiently to the core that enhances cooling performance. The side air guide plate guides air to radiator as well.

(The carbon pattern is mat twill weave cloth.)



● **Reference**

Stock: Stock
 HKS Proto1: Competitors' size
 HKS Proto3: HKS product

● **Horsepower**

HKS Intercooler 447.7kw (608.6ps) / 6710rpm
 Stock Intercooler 438.6kw (596.3ps) / 6660rpm

- Installation time: About 8 - 10 hours
- Kit parts: Intercooler assy, Air guide, Intercooler pipe, Silicon hose, Hose band, Bracket, Bolt & nut.
- Required tool: Nut cutter
- Required modification: Modification of air guide in front of stock radiator core support. Bending air conditioner pipe.

Vehicle	Model	Engine	Model Year	Type	Core Size · Location	Type	Code No.	Price	Remarks
GT-R	R35	VR38DETT	07/12-	R type INTERCOOLER	400X260X65 · 2 · Front mount		13001-AN013		Can't install carbon air guide for 2011 spec. Can install to a left-hand drive car. Not checked for SPEC V.