

GT Cooling System



CUTS HEAT AND HUMIDITY IN THE BEST HIGH-PERFORMANCE ANTI-HYPERTHERMIA HELMET & DRIVER SUIT AVAILABLE

Features

This is the SUPER GT GT500, 2009 NISSAN GT-R COOLING SYSTEM, the one that has been making waves ever since.

These days, the race scene talks about nothing else.

We've applied production car cooling design to the whole race car system, which prevents hyperthermia to knock any suit's and helmet's internal heat and humidity count down to near nothing.

The Driver Cooling System product line includes the "GT Air Conditioning System", the "GT Cooling Seat" & the "GT Cooling Helmet Cover". Please buy just what you need.



GT DRIVER COOLING SYSTEM

Line up

GT AIR CONDITIONING SYSTEM

GT COOLING SEAT

GT COOLING HELMET COVER

GT AIR CONDITIONING SYSTEM

The basic construction is the same as typical automobile air conditioning systems. It supplies cool air from a condenser-compressor cooling unit.



Specifications

		compressor	condenser	Cooling unit
System		5 vane concentric rotor 63cc/rev w/magnetic clutch control	Parallel flow type w/ liquid tank	Centrifugal ventilation (200W)
Performance	max ¹	up to 3.3KW (4.5ps)	up to 6.9kw	up to 3.8kw
	real ²	up to 1.5KW (2.0ps)	up to 3.2kw	up to 1.7kw
Weight		approx. 3.0Kg	approx. 1.5Kg	approx. 3.5kg
System protection		Internal thermal switch	Internal pressure switch	Internal freeze switch
Other		Allowed rotation speed : 800 – 8,500 rpm	-	Without air flow control switch w/ temperature regulator

NOTE 1) single unit performance

NOTE 2) performance at 150km/h

<Example: the SUPER GT GT500 GT-R cooling system>

- compressor : Powered by a pulley from the drive shaft.
- condenser : Fixed on the floor in the rear of the car, it sucks in air from above the trunk and sends it through the cooling system.
- cooling unit : Fixed on the floor near the passenger sea

Kit Contents

- Compressor
- Condenser
- Cooling Unit
- Hose
- Harness

Application

All purpose: Installation may call for special redesign or parts.

— example —

When installing in a GT300, there will be approximately ¥ 2,000,000 in redesign and additional parts. This sum can vary widely for different car models and categories.

Guarantee

Because these parts are manufactured for Racing Cars, they are without guarantee.

Prices

Part	Part no.	Price	Price tax inc.	Notes
GT Air Conditioning System	27000-RR010	¥1,140,000	¥ 1,197,000	On Demand Production

Warning

This product was manufactured for Racing Cars. It was neither imagined nor developed for normal passenger cars or for use on public roads. Please respect these limits.

Availability

This product is only available from the outlets below:

MOLA International CO., LTD.

GT COOLING SEAT

Beyond providing general air conditioning for the driver, the system targets body hotspots such as the neck, shoulders and feet in order to provide direct air flow to the most heat taxed body parts. A dry carbon GT PRO II model & a wet carbon GT PRO III model are available. Both can be supplied with or without the NISMO logo.



<GT PRO II / with NISMO logo >



<GT PRO III / with NISMO logo >

Specifications

- FIA CERTIFIED
- HANS ASSIMILATED
- Weight: GT PRO II / 6.5kg, GT PRO III / 10.5kg
- International patent pending
- Can be used with your automobile's air conditioning system

Conditions

An outer shell is molded around a racing model full bucket seat to create an insulation space into which cool air is injected.

The cooling air also flows out through eighty-four 10mm diameter ventilation holes flooding the entire driver's body with temperature lowering refreshment. Further, cooling effect can be obtained by injecting outer fresh air instead of cooled air.

At the same time the outer shell sticks to and reinforces the seat's form to provide greater rigidity.



Kit Contents

1 SEAT

Application

For Racing Cars ONLY (not allowed on public roads)

Guarantee

Because this product was manufactured for Racing Cars, there is no guarantee

Prices

Part	Part no.	Price	Price with tax	Notes	
GT Cooling Seat	GT PRO II ¹	87010-RR010	¥ 800,000	¥ 840,000	Dry carbon fiber with NISMO logo On demand production
		87010-RR011	¥ 800,000	¥ 840,000	Dry carbon fiber without NISMO logo On demand production
	GT PROIII	87010-RR020	¥ 280,000	¥ 294,000	Wet carbon fiber with NISMO logo On demand production
		87010-RR021	¥ 280,000	¥ 294,000	Wet carbon fiber without NISMO logo On demand production

NOTE 1) This seat is modeled after the slim build of NISMO team drivers.

Warnings

- This product was manufactured for Racing Cars and cannot be used on public roads.
- Please contact “MOLA International CO., LTD ” for installation.

Availability

This product is only available from the outlets below:

[MOLA International CO., LTD.](#)

Morifuji Building 2nd Floor, Iri-e 1-28-9 , Kanagawa-ku, Yokohama City, Kanagawa-ken, Japan 221-0014
Tel : 81-45-402-6600

GT COOLING HELMET COVER

Beyond providing general air conditioning for the driver, the system targets body hotspots such as the head in order to provide direct air flow to the most heat taxed body parts.



GT COOLING HELMET COVER & HOSE ADAPTERS



SUPER GT GT500 MOTUL AUTECH GT-R
AS USED BY MOTOYAM SATOSHI

Specifications

- Polycarbonate light-weight cover
- Can be attached to the car's native air-conditioning system

Conditions

- The cover surrounds the entire helmet with a resin shielding and low temperature air is injected within in order to cool the driver's head.
- Most racing helmets are made with several ventilation holes. These allow the circulation of cooler air that brings the helmet's ambient temperature down and refreshes the driver. There is nothing more important than "keeping a cool head" when race driving: this is the equipment that will do that most efficiently.

Kit Contents

< GT COOLING HELMET COVER >

- helmet cover
- helmet hose adapters
- ducts (necessary for installation)

< HOSE ADAPTER >

- adapter

Guarantee

Because this product was manufactured for Racing Cars, there is no guarantee.

Prices

Part	Part no.	Price	Price with tax	Notes
GT COOLING HELMET COVER ¹	73120-RR010-X0	¥ 22,000	¥ 23,100	1 helmet adapter included On demand production
HOSE ADAPTER	73126-RR010	¥ 6,000	¥ 6,300	One adapter is necessary for each car On demand production

NOTE 1) Hose adapters will be sent separately.

Warnings

- This product was manufactured for Racing Cars and cannot be used on public roads.
- Please contact "MOLA International CO., LTD." for installation.

Because installation of a Helmet cover is counted as a modification by some race organizers or racing clubs, drivers should always check whether their helmet is accepted by the race organizers.

<For you reference>

JAF: according to the JAF National Automobile Racing Rules, chapter 4, supplementary provision regarding drivers 'helmets participating in racing.

3. Racing helmets

3) Prohibition of modification

(1) Except for helmets by approved manufacturer's and those conforming to the FIA International Motorsports Competition Rules, appendix J technical guidelines #25, all modifications and remodeling of helmets is forbidden.

- The Arai GP-6 equipped with this Helmet cover has received SNELL SA2010 rating

Availability

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[MOLA International CO., LTD.](#)

Morifuji Building 2nd Floor, Iri-e 1-28-9 , Kanagawa-ku, Yokohama City, Kanagawa-ken, Japan 221-0014
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