

Welcome to KINGA



Outline

- 1. About KINGA
- 2. KINGA Products
- 3. Quality Control
- 4. KINGA Workshops
- 5. KINGA Advantages

1. About KINGA

- KINGA was first set up as a trading company for auto parts including radiator and condenser in 1993.
- KINGA factory was built in 2003. Since then KINGA has been focusing on developing and manufacturing auto radiator and condenser for 14 years.
- KINGA passed ISO/TS16949 since 2010.
- With 350 employees.
- KINGA factory covers a land area of 86,000 square meters with 5 workshops, 3 warehouses.
- Producing more than 5000 models of products exporting to 80 countries.
- Current Output: 100,000pcs/month
- Production Capacity: 140,000pcs/month



KINGA's Honor from local



“KINGA” as Well-known Trademark in Guangzhou



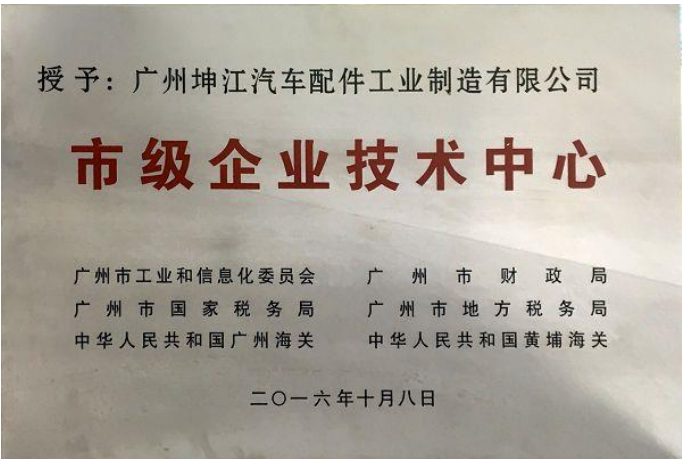
Teaching and Studying Practice Base with top university



“Little Giant” in Tech Innovation



Best Autoparts Brand in GD province



Tech Center of enterprise in Guangzhou



High-Tech Enterprise in GD province

2. KINGA Products

KINGA Main Product: Brazed Aluminum Radiator and Condenser

TOYOTA RAV4'03 ACA21 AT

www.aluminiumcarradiators.com
Certificate ISO/TS16949:2009



GUANGZHOU KINGA AUTOPARTS
INDUSTRY MANUFACTURE CO.,LTD

TOYOTA RAV4/ACA21(01-)

www.aluminiumcarradiators.com
Certificate ISO/TS16949:2009



GUANGZHOU KINGA AUTOPARTS
INDUSTRY MANUFACTURE CO.,LTD

KINGA Radiator:

KINGA produces radiators for all the well-known car makes for 14 years.

KINGA mainly produces radiators for private cars, pick ups and we have been continuously developing and widening radiator collections for buses, trucks, etc.

KINGA Radiator Quality:

- ✓ 5000+ various models
- ✓ ISO/TS 16949 certified.
- ✓ 100% leak test with nitrogen
- ✓ 1 year warranty against defects, Free replacement if any quality claim confirmed.
- ✓ Considerate and professional after-sale service and prompt reaction to customer feedback.



Types of Radiator:

- **PA Type:** Plastic tank/header with aluminum core



- **BA Type:** Full aluminum



KINGA Condenser

KINGA manufacture condensers for all the well-known car makes and continuously develop new models to meet the market demands.

All the condenser is installed together with radiator to test the fitment before sent to our clients.

KINGA Condenser Quality

- ✓ Certified by ISO/TS16949
- ✓ Test fitment with KINGA radiator together.
- ✓ 100% leak test with nitrogen before packing.
- ✓ 1 year warranty against defects. Free replacement if any quality claim confirmed.
- ✓ Considerate after-sale service and prompt action to customer feedbacks.

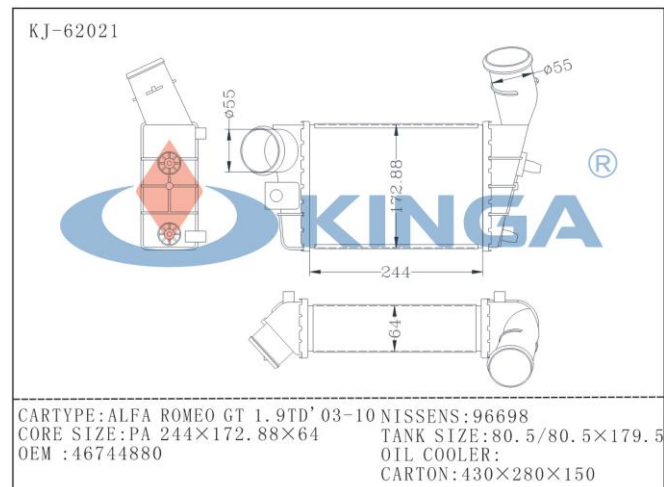


KINGA New Projects and Development Ability:

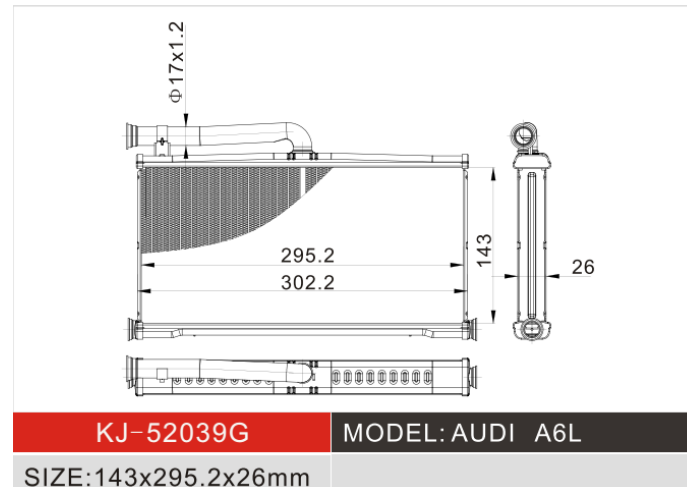
- KINGA has been continuously developing new radiator&condenser models to meet the global market demands and also commit itself to developing new products.
- Our R&D office can develop **60+** new models of different products every month.
- The development period is around 3-9 weeks for radiator from drawing confirmation to the finish of the molds to be ready for mass production depending on the number of molds that need to be developed. And less time is needed for condenser, intercooler and heater development.

- New Range of Product

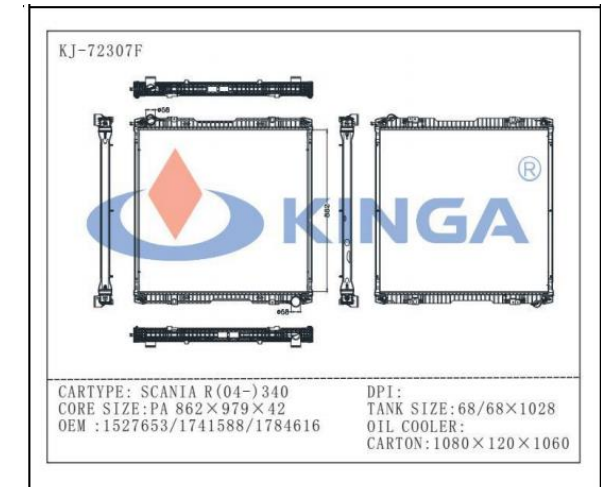
Intercooler



Heater



Truck Radiator



KINGA Packages:

Standard Neutral Packing



Blank brown carton, customer logo can be printed.



inside with 4 foam protection

Customized Packing (carton with client's logo, inside packing can be as follows)



with 4 air bags protection



inside carton with strap



inside carton with triangle cardboard protection



inside vacuum packing

3. Quality Control

KINGA is very strict with quality control:

- 1. cooperating with high quality suppliers with Certificates.
- 2. Incoming Inspection and finished inspection.
- 3. Visual inspection along the manufacture process.
- 4. 100% leak test on the products produced.
- 5. Sample tested in authorized lab, like wind tunnel test and pressure cycle test for testing performance and life-cycle.
- 6. Building and perfecting the data base on the system to track every products.
- 7. Considerate complete after-sale service.

ISO/TS16949



Sample test in the authorized lab



Excellent Specification for KINGA manufactured radiator and condenser



How a radiator works: A radiator is a heat exchanger. It cools the circulating coolant that flows to cool the engine when the coolant flowing through the radiator cooled by the rapid flow of the air.



How a condenser works: The compressed high temperature high pressure gas flows into the condenser and exchanges the heat with the air, dissipating the heat and condensed into low temperature high pressure refrigerant liquid.

 For Radiators

100% leak test on the radiators for 62s



 For Condensers

100% leak test with Nitrogen for 15s

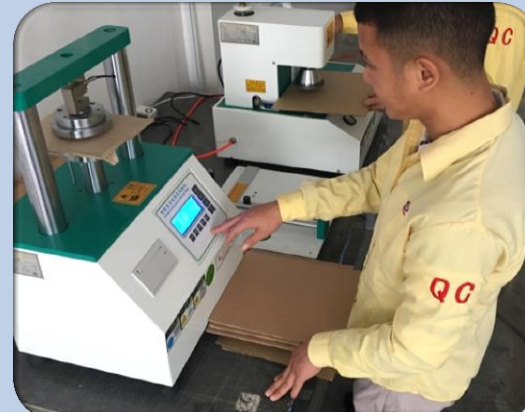




Thermal Cycling Test
For life-cycle of radiator



Salt Spray Test



Carton Strength Test



Gasket Stiffness Test

4. KINGA Factory

- KINGA Radiator Production Workshop
- KINGA Condenser Production Workshop
- KINGA Tube Production Line
- KINGA Stamping Workshop
- KINGA Injection Workshop
- KINGA Molds Processing Center
- KINGA Warehouse and Shipping Area
- KINGA R&D Centre



Aluminum Radiator Production Workshop



Equipped with a whole set of professional production line for the vehicle engine cooling system, the workshop has been manufacturing over 5000 various of aluminum radiators for different types of vehicles and engineering machines.



Condenser Production Workshop



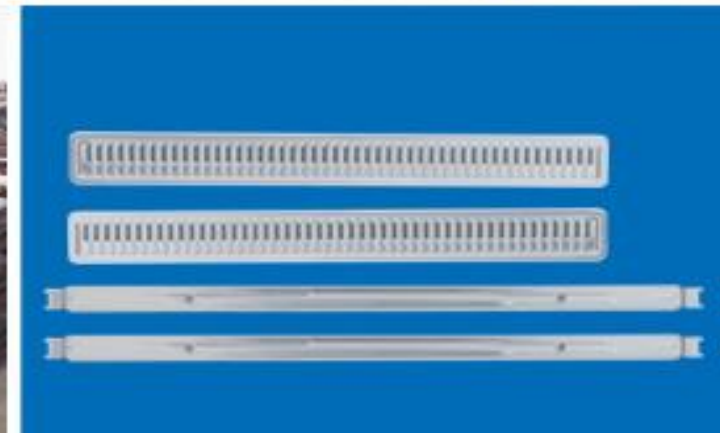
Tube Production Line



Pressure Explosion Test for tubes

Stamping Workshop

Equipped with nearly 30 machines for stamping processing, including stamping machines, hydraulic presses, cutting shears and others, the workshop can produce stretching stamping parts, large stamping parts and fine stamping parts, etc.



Injection Molding Workshop

The injection molding workshop injects the plastic auto parts, such as front and rear protection bars, grilles, interior parts, automotive lighting plastic parts and so on. The workshop is equipped with various types of injection machines ranging from 80T to 2000T and capable of injection different types of engineering plastics.



Mold Processing Center

The processing center engages in the manufacturing of metal stamping dies, injection molds, die casting molds and fixtures.

It has 3 CNC vertical machining centers and over 40 various of machines and equipment demanded for processing the molds including computer gongs, milling machine, grinding machines, wire cutting machines, EDM and milling rockers, etc..

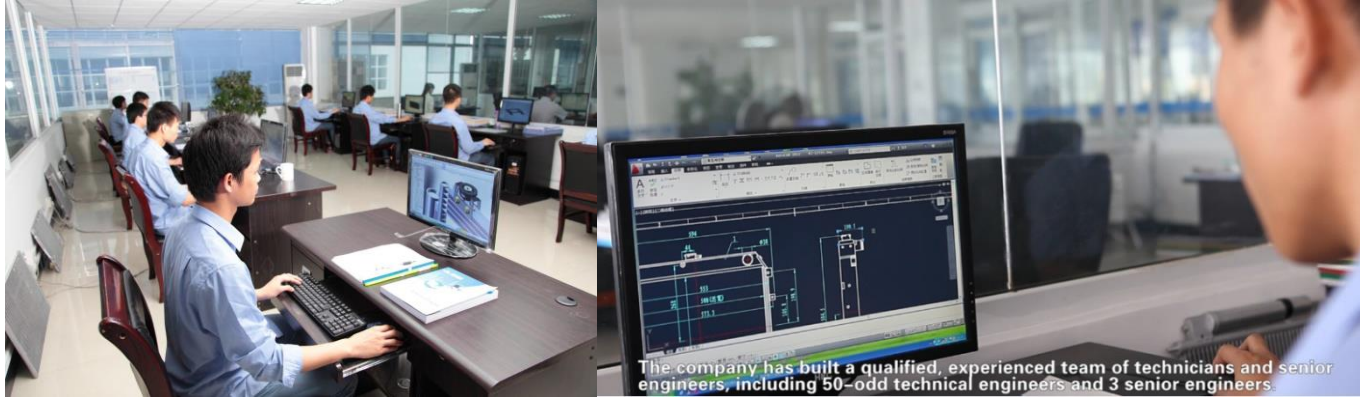


KINGA Warehouse and Shipping Area

KINGA has 3 large warehouses including material warehouse, domestic supply warehouse and exporting warehouse



KINGA R&D Centre



The company has built a qualified, experienced team of technicians and senior engineers, including 50-odd technical engineers and 3 senior engineers.

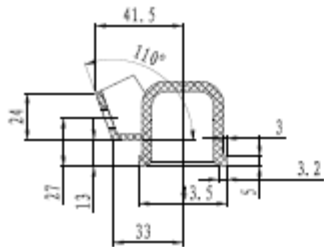
KINGA have a qualified and experienced technical staff team consisting of 35 senior engineers who could provide advanced production process.

- ★ 600+ new products are coming up every year.
- ★ We can develop new products according to our customers requirement.

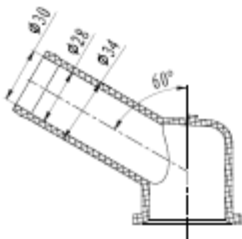


There are 400-odd employees in this manufacturing enterprise focusing on design, R&D, production and operation and export.

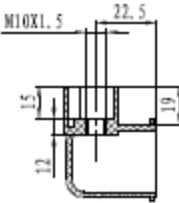
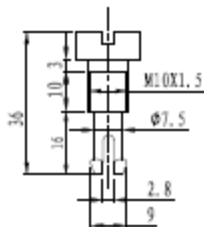
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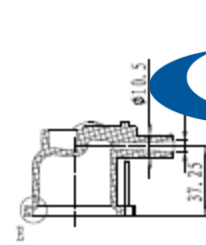
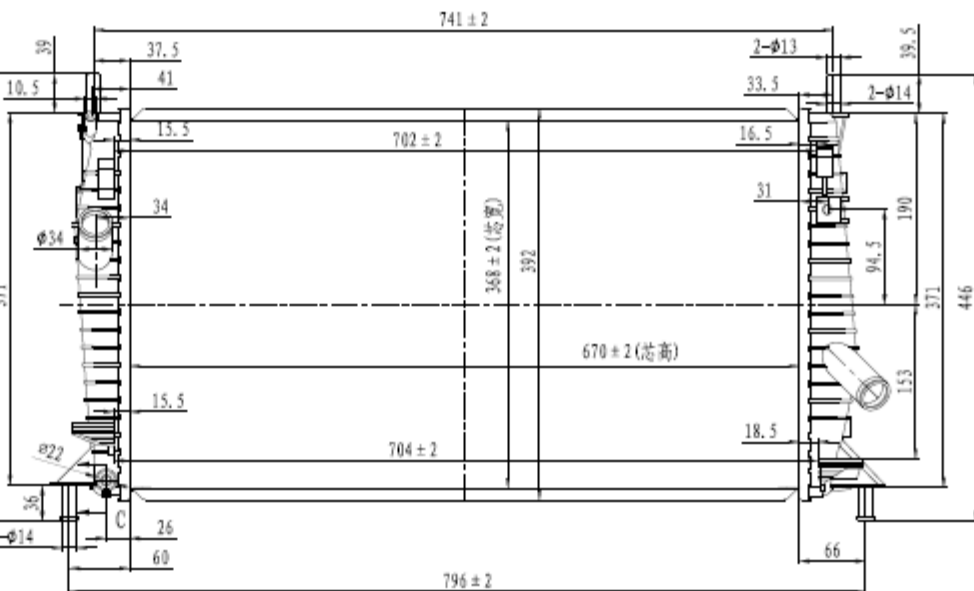
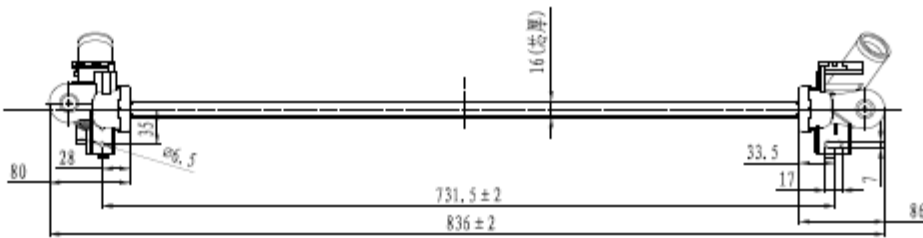
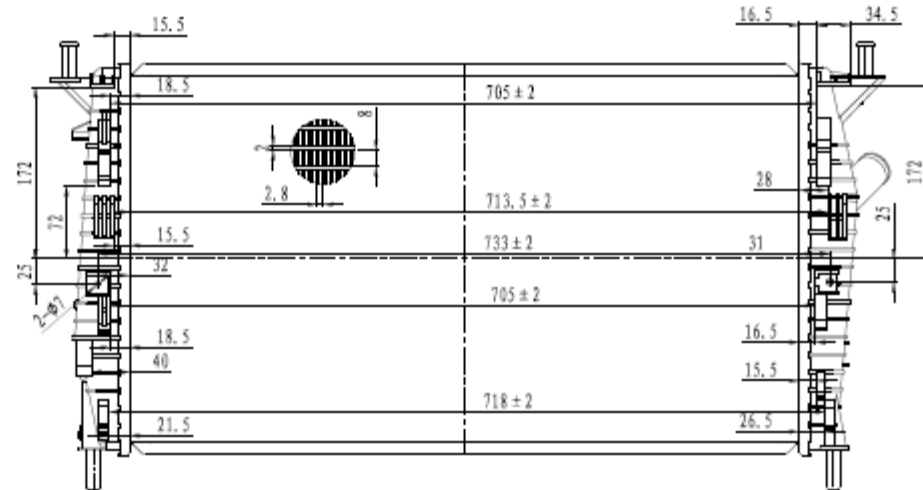
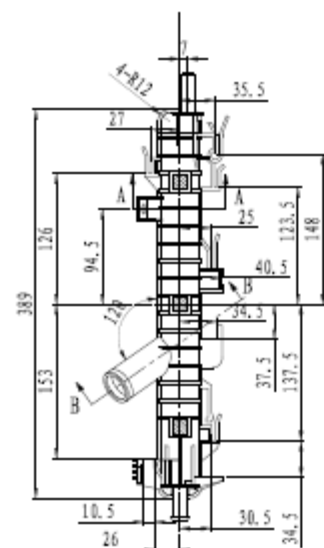
A-A
2:1



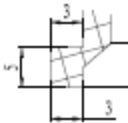
B-B
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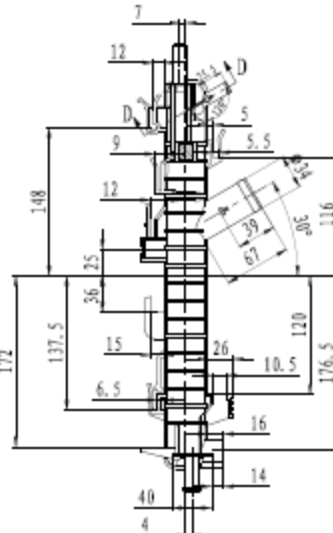
C-C
2:1



D-D
2:1



E-E
3:1



★ We can provide technical drawing according to customer requirements.

5. Advantages working with KINGA



KINGA Advantage	
Advantages	Benefits
1.KINGA is a big manufacturer, all the raw materials is from good suppliers and the quality is assured. Most of the parts are manufactured by ourselves.	Quality constant and reliable. Our complaint rate keeps less than 0.35%.
2. 100% leak test, Burst pressure test. Sample tested in authorized Lab, such as wind tunnel test and pressure cycle test.	
3. Professional sale team and after-sale service and quality warranty & prompt reaction to client's feedbacks.	KINGA back you up!
4. KINGA keeps open minded and expanding the products, and fast in product development.	Our clients can have more choices on the models and stay competitive in the market.
6. KINGA works with leading brands in the radiator industry.	Experienced and know how to work with big companies, good adaptability and flexibility to offer customized product and service.

Thank you !

