

**SHANGHAI FAIVELEY RAILWAY TECHNOLOGY CO.**

**AMSTERDAM (Alstom)**

**9 TRANSPORT/SHIPMENT AND STORAGE  
INSTRUCTIONS**

Company Document Number: KS97-TD-909

# SHANGHAI FAIVELEY RAILWAY TECHNOLOGY CO.

## Release History

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## Revision Table

Revision	Date	Revised Sections, Description, Reason for changes
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02	20.04.12	Packaging structure updated to wood box

# SHANGHAI FAIVELEY RAILWAY TECHNOLOGY CO.

## TABLE OF CONTENTS

<b>9</b>	<b>TRANSPORT/SHIPMENT AND STORAGE INSTRUCTIONS</b>	<b>2</b>
9.1	GENERAL .....	2
9.2	STORAGE.....	2
9.3	PACKAGING.....	3

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## Rolling stock

HVAC System

9 Transport/shipment and storage instruction

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## 9 TRANSPORT/SHIPMENT AND STORAGE INSTRUCTIONS

### 9.1 GENERAL

The plant is made of the following materials:

Frame	Aluminium
Fan	Steel
Compressor	Steel, copper, refrigerating machine oil
Condenser	Copper tube, aluminium ribs
Evaporator	Copper tube, aluminium ribs
Refrigerant lines	Copper
Electric cables	Copper, plastic
Filters	Non-breaking synthetic polyester fibers
Refrigerant	R 407c
Electric motors	Copper, steel

The purpose of the document is to ensure that the products meet quality requirements by effective management in the process of handling, storage, packaging and delivery.

### 9.2 STORAGE

1. In order to prevent any collision or scratch of products, Forklift with extension fork should be used to load, unload and transport the products.
2. All chemicals should be taken carefully by a special person with adequate body protection according to the government standard regulations.
3. All dangerous material should be stored and handled according to the government standard regulations.
4. Machine should be used to load, unload the products with caution to avoid any damages.
5. The products are to be transported by ship from Shanghai to Amsterdam. The vessel company as well as the shipping forwarder should ensure the safety of storage from Shanghai Port to Amsterdam Port.

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## Rolling stock

HVAC System

9 Transport/shipment and storage instruction

6. Forklift or vehicle drivers are only allowed to operate the machine and truck independently after operation skill training, assessment and acquiring the valid certificates.
7. The storing area for our delivered products should be ventilated and dry. It shall be prevented from raining, fire, corrosion, vibrations, worms, rat bites, etc. It also shall have enough fire fighting passages and fire extinguisher.
8. The storage shall not be exposed to direct sunlight.
9. The storage shall not be stored next to any kind of chemical products that might start a corrosion process on our products.
10. In order to ensure the safety of the packaging, the boxes can not be piled.
11. The spare parts to be stored in accordance:  
Storage conditions EN 60721-3-5  
Cat. 5K2 / 5B1 / 5C1 / 5S2 / 5F1 and 5M2.

### 9.3 PACKAGING

1. The HVAC units will be delivered in wood boxes.
2. Plastic bags and wood boxes are adopted respectively for interior and exterior packaging. Desiccant shall be put into the plastic bag for control panel packaging.
3. All products and components inside the package should be put in fixed places with sufficient protection, so as to prevent any moving and damage in the process of loading, unloading and transportation.
4. All products and components inside the package should bear the product parts numbers provided by Sales Department and conform to the list attached for checking.
5. The package marks should show following information:
  - a. The project: Amsterdam;
  - b. Consignee's address;
  - c. Contract number / Purchase Order;
  - d. Port of Destination;
  - e. Gross Weight (kg);
  - f. Net Weight(kg);
  - g. Measurement (length x width x height in cm);
  - h. Content (Ident.-No.);

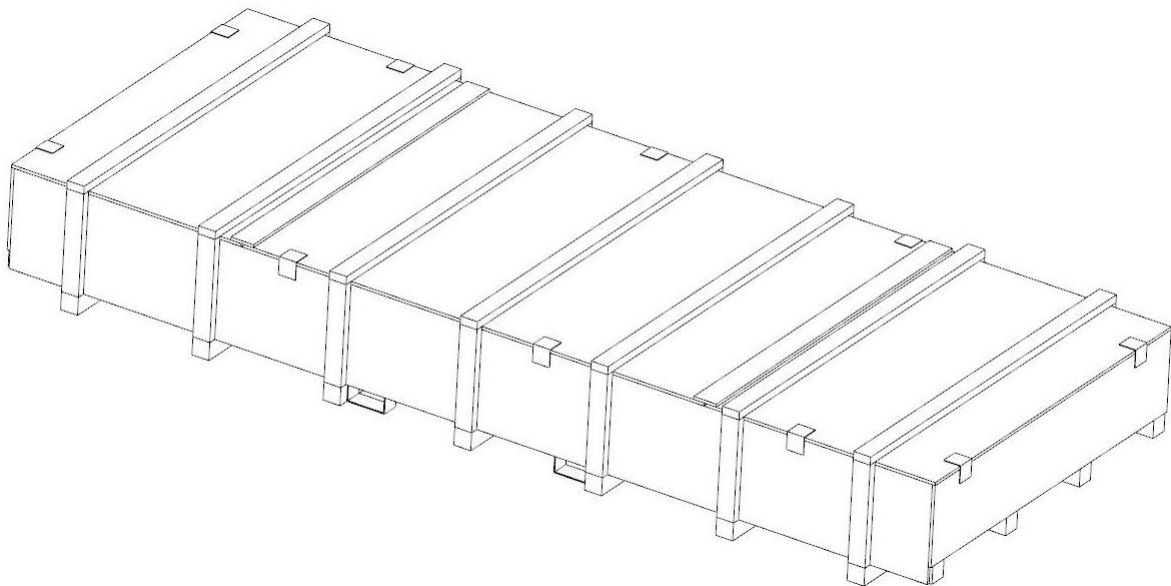
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### Rolling stock

HVAC System

9 Transport/shipment and storage instruction

- i. Package Number;
6. Above mentioned handling and storage marks (i.) will be printed out on the both sides of package. Sales department shall provide other related documents. Finished goods storekeeper will put all the documents in the self-adhesive envelope and attached it to the package.
7. Enclosed in each package of goods shall be one cope of quality certificate.
8. For each delivery, we shall make sure all marks are clearly identified, attachments are firmly stuck, and all packages are in good condition.
9. The finished goods storekeeper shall check carefully about the delivery goods type, model and quantity based on the delivery notice that is issued by sales department before he/she delivers the goods to customer.
10. The buyer shall sign a goods receiving note as the goods arrived at buyer's name place and after checking the goods condition conform the contract, such as type, model and quantity etc.
11. The box for saloon HVAC unit is showed in the following figure. Place a HVAC unit in the package box, and then put a package box top cover upon it. The max layers of the package in transportation and storage is 3 layers, please see figure 9.2.



*Figure 9.1 Package box*

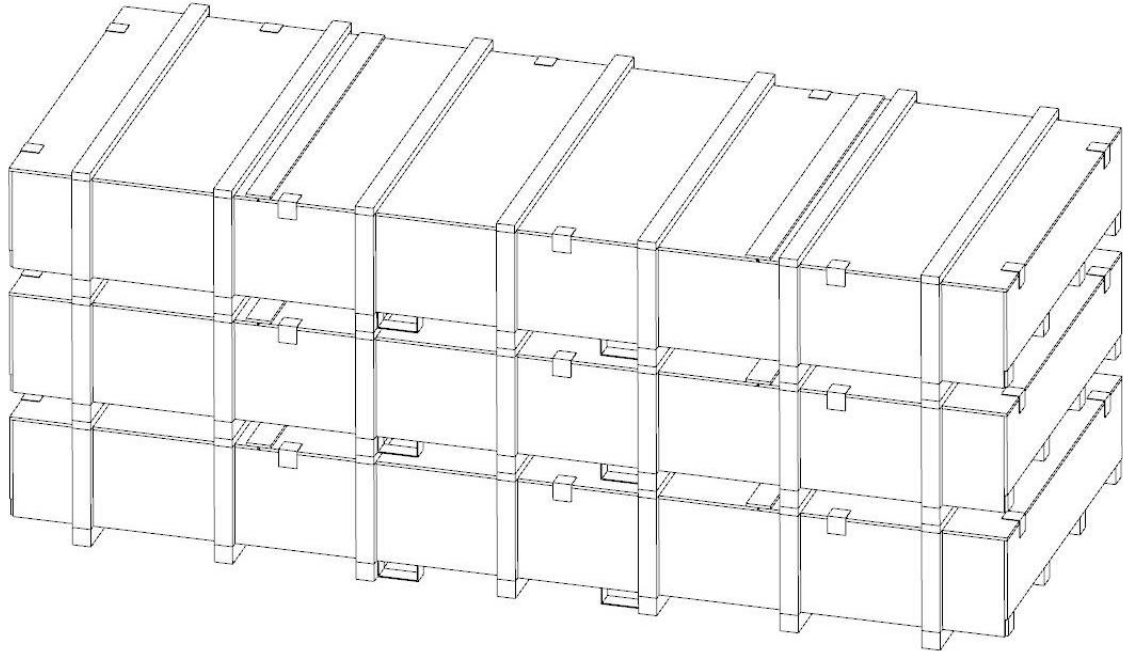
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## Rolling stock

HVAC System

9 Transport/shipment and storage instruction

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*Figure 9.3 Package example*