

# Elevator Air Conditioner User Brochure



**Speedway**  
*speed your cool way*

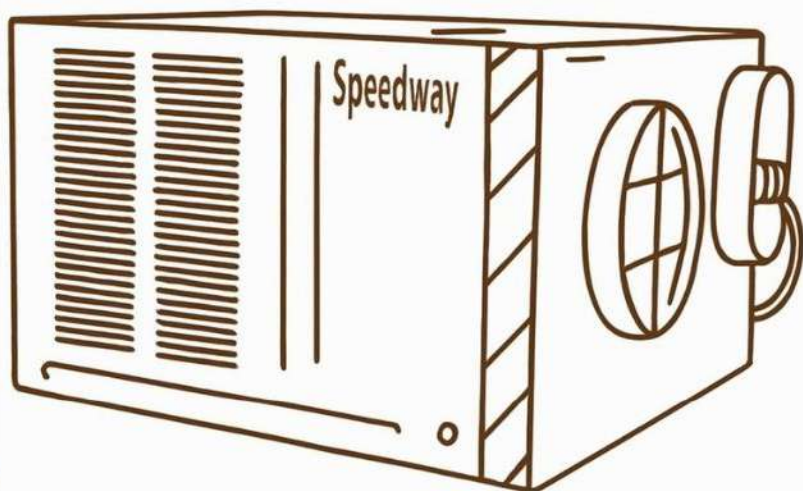


Email : [sales@cn-beyond.com](mailto:sales@cn-beyond.com) Phone: +86 15867834310  
Website: [www.cn-beyond.com](http://www.cn-beyond.com)

**Product: Air conditioner for elevators**

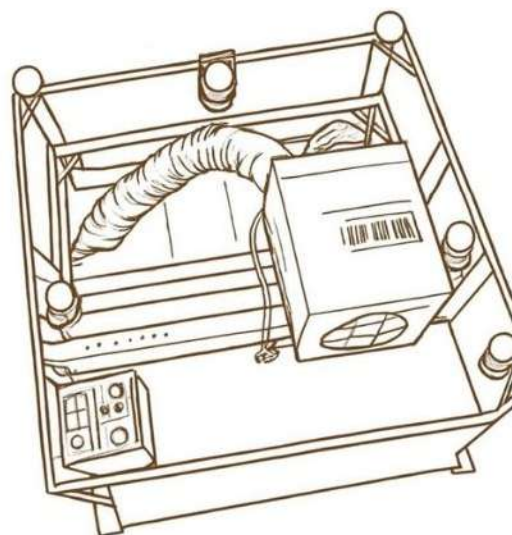
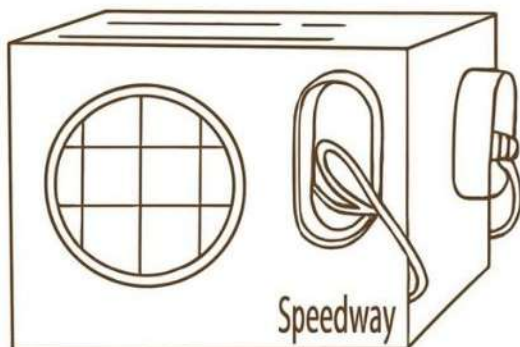
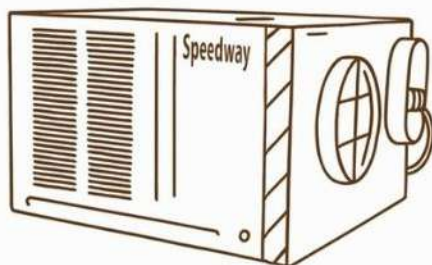
**Relevant product information**

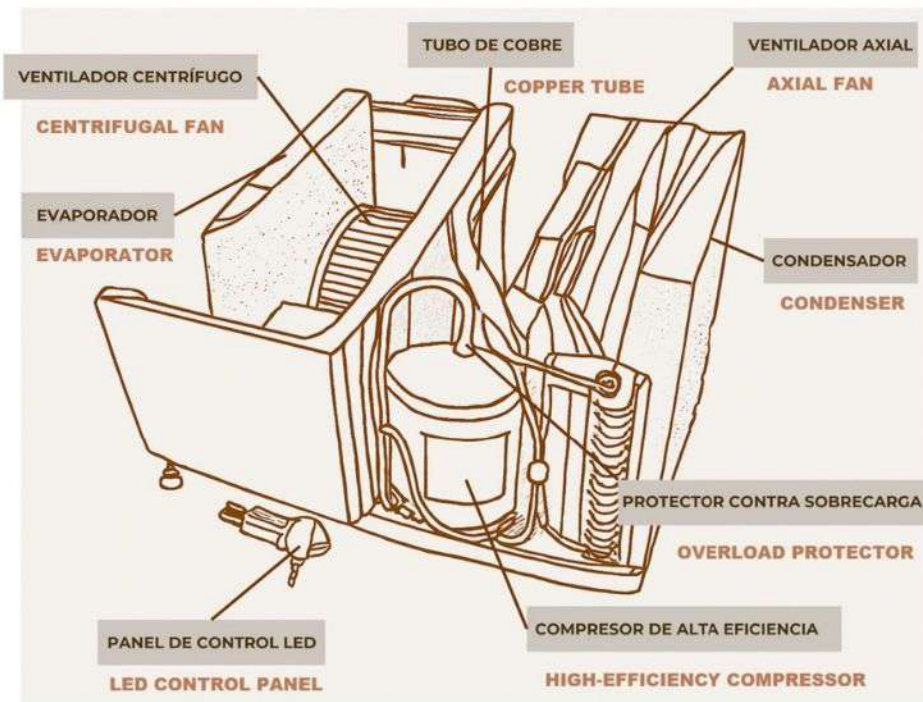
**By the Projects Department and Operations Management of China Speedway**



**PRODUCT FEATURES:**

- Remote monitoring and control
- Variable speed control
- Smart integration
- Self-diagnosis
- Temperature control
- Humidity regulation
- Energy efficiency
- Quiet operation
- Air filtration
- Efficient cooling
- Compact design





**WHAT IS AN ELEVATOR AIR CONDITIONER?**

An elevator air conditioner is a special HVACR (Heating, Ventilation, Air Conditioning, and Refrigeration) system designed for use inside elevator cabins. Its function is to regulate the temperature, humidity, and air quality inside the elevator, ensuring a comfortable and pleasant environment.

These systems are compactly designed to adapt to the limited space available in elevator shafts or above the cabins, and they incorporate features such as efficient cooling mechanisms, precise temperature control, humidity regulation, among others.



**Cooling Capacity**

**Cooling capacity**

- 1.Single-zone**  
Cools a single elevator cabin.
- 2.Multi-zone**  
Cools multiple elevator cabins simultaneously, typically used in buildings with high elevator traffic.



**Technological Features**

**Technological features**

- 1.Basic**  
Entry-level models with essential cooling and temperature control functions.
- 2.Advanced**  
Include additional functions such as humidity regulation, air filtration, remote monitoring, and smart integration with building management systems.



**Energy Efficiency**

**Energy efficiency classification**

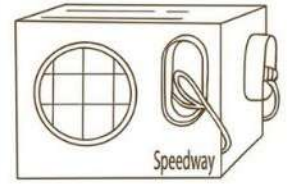
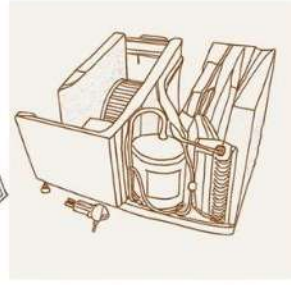
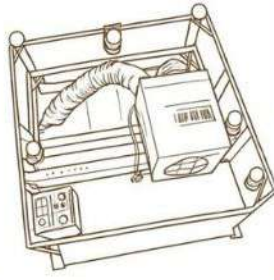
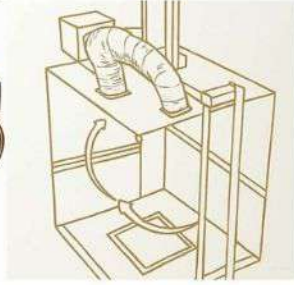
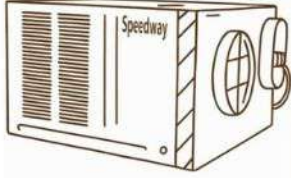
- 1.Standard efficiency**  
Offer basic energy-saving functions and moderate efficiency levels.
- 2.High efficiency**  
With advanced energy-saving technology, such as inverter compressors and intelligent control, to maximize efficiency and reduce electricity consumption.



**Special Application**

**Special application**

- 1. Low capacity**  
Used in elevators with reduced overhead space.
- 2.High capacity**  
Can handle larger elevator cabins or buildings with exceptionally high elevator traffic.



## HOW TO SELECT THE RIGHT ELEVATOR AIR CONDITIONER

### 1. Evaluate the size of the elevator cabin

This will help in choosing the appropriate cooling capacity for the air conditioner.

### 2. Review environmental conditions

Regions with hot and humid climates may require an air conditioner with enhanced cooling and humidity-control features.

### 3. Consider the installation location

Decide whether the air conditioner will be installed inside the elevator cabin, on top of the cabin, or inside the elevator shaft. Choose a design that fits the available space and installation conditions.

### 4. Evaluate energy efficiency

Look for an air conditioner with high energy-efficiency ratings to minimize operating costs and environmental impact.

Consider features such as an inverter compressor, energy-saving mode, and intelligent control.



| Air conditioner Horsepower                            |         | 0.75HP           | 1HP              | 1.5HP            |
|---|---------|------------------|------------------|------------------|
| Rated current (A)                                     | Cooling | 2.8              | 4.6              | 5.5              |
| Rated power (W)                                       | Cooling | 619              | 825              | 1050             |
| The power supply                                      |         | 220V 50/60Hz     | 220V 50/60Hz     | 220V 50/60Hz     |
| Compressor  |         | RECHI            | GM/CC            | GMCC             |
| Application   |         | Indoor / Outdoor | Indoor / Outdoor | Indoor / Outdoor |
| Net dimensions (length x width x height) mm           |         | 420X380X335      | 560X495X385      | 570X480X400      |
| Net Weight (Kg)                                       |         | 22               | 34               | 38               |
| Cooling/Heating Capacity (W)                          |         | 1768             | 2220             | 2805             |
| Protection against electric shock protection category |         | I class          | I class          | I class          |
| Air volume (m3/h)                                     |         | 330              | 410              | 520              |
| Noise Level (Dba)                                     |         | ≤42              | ≤45              | ≤50              |
| IP Grade  |         | IPX4             | IPX4             | IPX4             |
| Refrigerant Type / Weight                             |         | R410A/0.32kg     | R410A/0.58kg     | R410A/0.9kg      |
| Loading Weight  |         | ≤800Kg           | ≤1350Kg          | ≥1350Kg          |



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- +15 years skilled service team
- 24 hours immediate reply
- Custom solutions for your project
- competitive pricing



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### Contact Information

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