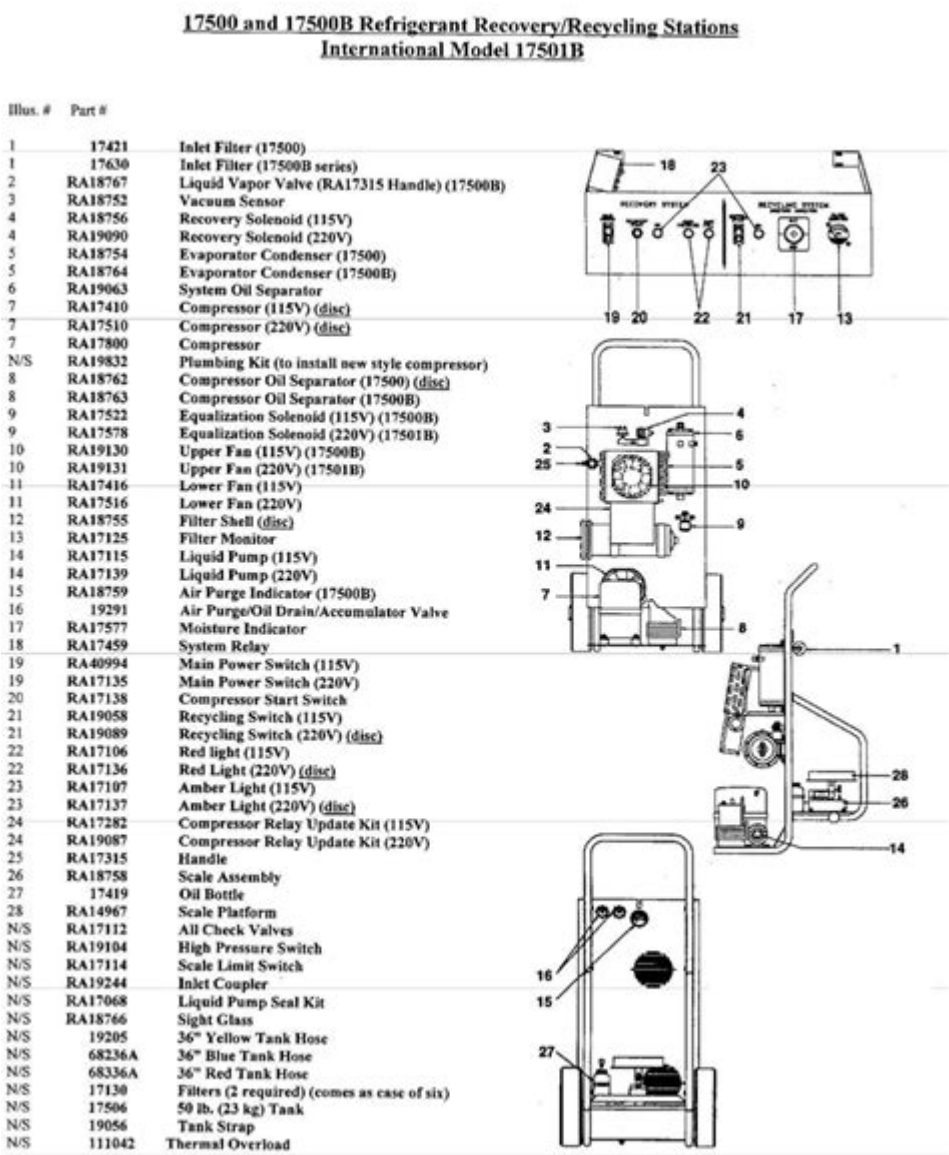


# Robinair 34788 Parts Diagram



**Robinair 34788 parts diagram** is an essential tool for technicians and DIY enthusiasts working with automotive air conditioning systems. The Robinair 34788 is a highly regarded refrigerant recovery machine used to recover, recycle, and recharge refrigerants in automotive AC systems. Understanding the components of this machine through its parts diagram can significantly aid in troubleshooting, maintenance, and repair processes. This article delves into the Robinair 34788 parts diagram, its importance, and how to utilize it effectively.

## Understanding the Robinair 34788 Refrigerant Recovery Machine

Before we dive into the parts diagram, it is crucial to understand what the Robinair 34788 is and its

primary functions. This machine is designed to service automotive air conditioning systems by performing the following tasks:

1. Recovering Refrigerant: The machine extracts refrigerant from the vehicle's AC system to prevent contamination and environmental damage.
2. Recycling Refrigerant: It purifies the recovered refrigerant by removing moisture, acids, and other contaminants.
3. Recharging Refrigerant: After recycling, the machine can refill the AC system with the correct type and amount of refrigerant.

## Importance of the Parts Diagram

A parts diagram is a visual representation of the components that make up a machine. For the Robinair 34788, the parts diagram serves several vital purposes:

- Identification of Components: The diagram allows users to easily locate and identify parts, making it easier to understand the machine's functionality.
- Troubleshooting: If a component fails or malfunctions, the parts diagram helps technicians pinpoint the issue quickly, reducing downtime.
- Maintenance and Repair: Understanding the layout and function of each part aids in routine maintenance and effective repair procedures.
- Ordering Replacement Parts: If a part needs to be replaced, having the diagram allows for accurate identification, ensuring the correct parts are ordered.

## Key Components of the Robinair 34788

The Robinair 34788 consists of several key components, each playing a crucial role in its operation. Below is a list of the primary parts typically found in the parts diagram:

- Compressor
- Condenser
- Evaporator
- Refrigerant Tank
- Manifold Gauges
- Hoses
- Control Panel
- Power Supply

- Filter Drier

## **1. Compressor**

The compressor is the heart of the refrigerant recovery machine. It compresses the refrigerant gas, increasing its pressure and temperature before it moves to the condenser.

## **2. Condenser**

The condenser cools the refrigerant gas, turning it into a liquid state. This process is crucial for the efficient recycling of refrigerants.

## **3. Evaporator**

The evaporator absorbs heat from the refrigerant, allowing it to evaporate and cool the system effectively.

## **4. Refrigerant Tank**

This tank stores the recovered refrigerant until it can be recycled or recharged into the AC system.

## **5. Manifold Gauges**

Manifold gauges are used to measure the pressure of the refrigerant in the system, which is essential for diagnosing issues and determining the correct amount of refrigerant needed.

## **6. Hoses**

Hoses connect various components, facilitating the flow of refrigerant throughout the system.

## **7. Control Panel**

The control panel allows the operator to monitor and control the machine's functions, including recovery and recycling processes.

## **8. Power Supply**

The power supply provides the necessary electrical energy to run the machine, ensuring all components function correctly.

## 9. Filter Drier

The filter drier removes moisture and contaminants from the refrigerant, protecting the system from damage and ensuring efficient operation.

## Using the Parts Diagram Effectively

To utilize the Robinair 34788 parts diagram effectively, follow these steps:

1. **Familiarize Yourself with the Diagram:** Spend time studying the diagram to understand how each component relates to the others.
2. **Identify Components:** Use the diagram to locate specific parts when troubleshooting or performing maintenance.
3. **Refer to the Manual:** Alongside the parts diagram, refer to the user manual for detailed descriptions and specifications for each component.
4. **Check for Compatibility:** When ordering replacement parts, verify their compatibility with the Robinair 34788 using the diagram as a reference.
5. **Document Changes:** If you replace or repair any part, document the changes for future reference and maintenance tracking.

## Common Issues and Troubleshooting Tips

Understanding the parts diagram can help users diagnose common issues associated with the Robinair 34788. Here are some common problems and tips for troubleshooting:

### 1. Machine Fails to Start

- Possible Causes: Power supply issues or a blown fuse.
- Troubleshooting Tips: Check the power supply and ensure the machine is plugged in. Inspect the fuse and replace it if necessary.

### 2. Inadequate Refrigerant Recovery

- Possible Causes: Leaks in hoses or a malfunctioning compressor.
- Troubleshooting Tips: Inspect hoses for leaks and ensure tight connections. Test the compressor for proper operation.

### **3. High Pressure Readings on Gauges**

- Possible Causes: Blocked condenser or overcharged system.
- Troubleshooting Tips: Clean the condenser to ensure proper airflow. Check the refrigerant levels and adjust as needed.

### **4. Excessive Noise During Operation**

- Possible Causes: Loose components or a failing compressor.
- Troubleshooting Tips: Tighten any loose components and listen for unusual sounds. If the compressor is the source, consider replacing it.

## **Conclusion**

The Robinair 34788 parts diagram is a vital resource for anyone working with this refrigerant recovery machine. By understanding the components and their functions, users can effectively troubleshoot issues, perform maintenance, and ensure efficient operation. Familiarity with the parts diagram not only aids in the immediate tasks at hand but also extends the overall lifespan and performance of the machine. Whether you're a professional technician or a DIY enthusiast, mastering the use of the Robinair 34788 parts diagram will significantly enhance your ability to work with automotive air conditioning systems.

## **Frequently Asked Questions**

### **What is the Robinair 34788 parts diagram used for?**

The Robinair 34788 parts diagram is used to identify and locate specific components within the Robinair 34788 refrigerant recovery machine, facilitating repairs and maintenance.

### **Where can I find the Robinair 34788 parts diagram?**

The Robinair 34788 parts diagram can typically be found in the user manual, on the manufacturer's website, or through authorized service centers.

### **How can I interpret the Robinair 34788 parts diagram?**

To interpret the Robinair 34788 parts diagram, refer to the legend or key that explains the symbols and numbers used to represent various parts on the diagram.

### **Are there any common issues that the Robinair 34788 parts diagram helps to troubleshoot?**

Yes, common issues include refrigerant leaks, compressor failures, and electrical problems, which can often be identified and resolved using the parts diagram.

## **Can I order replacement parts using the Robinair 34788 parts diagram?**

Yes, you can order replacement parts by referencing the part numbers listed in the Robinair 34788 parts diagram.

## **Is the Robinair 34788 parts diagram applicable to other models?**

No, the Robinair 34788 parts diagram is specifically designed for the 34788 model; other models may have different diagrams and parts.

## **How often should I consult the Robinair 34788 parts diagram?**

It's advisable to consult the Robinair 34788 parts diagram whenever performing maintenance, repairs, or when troubleshooting issues with the machine.

## **What tools do I need to use alongside the Robinair 34788 parts diagram?**

Basic hand tools such as screwdrivers, wrenches, and pliers are typically needed, along with any specialized tools specific to the parts being serviced.

## **Are there online forums or communities that discuss the Robinair 34788 parts diagram?**

Yes, there are various online forums and communities where users share experiences, tips, and advice related to the Robinair 34788 and its parts diagram.

Find other PDF article:

<https://soc.up.edu.ph/11-plot/Book?ID=BNS86-0352&title=cartesian-plane-worksheets-grade-6.pdf>

## **Robinair 34788 Parts Diagram**

### **Sagrada Família: Proveïdors oficials d'entrades - Sagrada Família**

Blog oficial d'arquitectura de la Sagrada Família. Des d'aquí podràs seguir l'evolució de l'obra magna de Gaudí, que està previst que sigui una realitat el 2026, i conèixer-ne tots els detalls.

### **Historia del temple - Sagrada Família - Sagrada Família**

La Sagrada Família es un temple excepcional, fruto de la obra del genial arquitecto Antoni Gaudí. Actualmente, con más de 135 años desde la colocación de la primera piedra, la Basílica sigue ...

### *Tiquets individuals - Sagrada Família - Sagrada Família*

Sagrada Família amb visita guiada Descobreix aquesta obra mestra de l'arquitectura dissenyada per

Antoni Gaudí en la teva visita amb un dels nostres guies experts.

### **Se está trabajando en la verticalidad de la fachada de la Gloria**

Mar 25, 2025 · Los trabajos en la Sagrada Familia continúan según el calendario previsto.

Actualmente, se concentran en la culminación de la torre de Jesucristo, que ha alcanzado el ...

### **Entradas - Sagrada Familia - Sagrada Familia**

La Basílica de la Sagrada Familia está temporalmente cerrada al público Podéis seguir disfrutando de la experiencia desde casa a través de nuestras visitas virtuales: ...

### *Las vidrieras de la Sagrada Familia: cuando la luz nos cautiva*

En la Sagrada Familia, sin embargo, se prevé justamente lo contrario. Gaudí sitúa las vidrieras de colores intensos y decoradas con nombres de los santos y santuarios en la zona más baja, ...

### **Sagrada Familia, gestión integral de venta de entradas**

Compra entradas para la Sagrada Familia y disfruta de una experiencia inolvidable en el templo de Antoni Gaudí, patrimonio de la humanidad.

### *Visita virtual - Sagrada Família - Sagrada Familia*

Política de privacitat | Política de cookies | Gestió de cookies Avís Legal | Canal ètic | Crèdits

informacio@ext.sagradafamilia.org (+34) 932 080 414 Carrer Mallorca, 401 Barcelona 08013 ...

### Entrada Sagrada Família - Sagrada Familia

Volver Sagrada Familia Vive una experiencia inolvidable en el templo de la luz, obra de Antoni Gaudí y patrimonio de la humanidad. Admira sus fachadas, dedicadas al nacimiento y la ...

### *Horaris i com arribar - Sagrada Família - Sagrada Familia*

Informació d'interès Consulta els horaris i com arribar i planifica pas a pas la teva visita a la Sagrada Família.

### Hilliard - NBC4 WCMH-TV

BBQ joint seen on Food Network to open central Ohio ... Multiple counties transitioning to modernized 911 ... 'Pop-up parties' spreading at central Ohio apartment ...

### *What's Happening in Hilliard | The City of Hilliard | News*

Stay updated on the City of Hilliard's most recent happenings, upcoming meetings and events and community life. Visit this page to browse our stories.

### *Hilliard, OH Local News and More | NewsBreak*

Stay updated with the latest Hilliard, OH local news, trending, crime map, events, weather, traffic & transit, sports, lifestyle, education, municipal, business, food & drink, arts & culture, health, local life, real estate, and more.

### **15 indoor pickleball courts opening in Hilliard in early 2026**

Jul 16, 2025 · A 15-court indoor pickleball facility, Pickleball Kingdom, is opening in Hilliard in early 2026 despite city staff objections. Hilliard City Council approved the facility after amending zoning ...

### *Hilliard, OH Breaking News Headlines Today | Ground News*

See all of the breaking Hilliard, Ohio local news, events, and much more.

*Hilliard residents concerned over new building plans | 10tv.com*

Aug 16, 2023 · Some residents in Hilliard are concerned about a new zoning development plan, "Hilliard By Design," that would bring mixed-use development buildings.

### **13-year-old accused of stabbing juvenile near Hilliard arrested - MSN**

A juvenile was injured after a stabbing early Monday morning in Hilliard, prompting lockdowns and closings at Hilliard Local Schools.

*2 dead after early-morning fight inside home near Hilliard*

Apr 3, 2023 · Police were called to a home on Belmore Drive around 4:30 a.m. When officers arrived, they found one person fighting two victims. One of the victims -- 24-year-old Jacob Stratton -- was rushed to a...

### **Hilliard, OH | News, Crime, Lost Pets, Free Stuff - Nextdoor**

Hilliard, OH is a peaceful, family-friendly town known for its clean, walkable neighborhoods. It's a safe place where Nextdoor Neighbors appreciate the friendly community and dog-friendly parks.

### \$250 million TruePointe project breaks ground in Ohio

Jul 27, 2023 · HILLIARD, Ohio (WCMH) — The City of Hilliard is expecting new restaurants, a hotel, more housing and green space, all wrapped up in one campus currently in the works.

Explore the Robinair 34788 parts diagram for detailed insights and troubleshooting tips. Learn more about each component to enhance your repair skills today!

[Back to Home](#)