

# Installation Manual of Room Air Conditioner

## Preparation

### Necessary Tools for Installation

- Hammer
- Nipper
- Hack saw
- Hole core drill
- Spanner(17,19 and 25mm)
- Gas leakage detector or soap-and-water solution
- Torque wrench (17mm,22mm,26mm)
- Pipe cutter
- Flaring tool
- Knife
- Measuring tape
- Router

### Power Source

- Before inserting power plug into receptacle, check the voltage without fail. The power source is the same as the corresponding name plate.
- Install an exclusive branch circuit of the power.
- A receptacle shall be set up in a distance where the power cable can be reached. Do not extend the cable by cutting it.

### Selection of Installation Place

#### Indoor Unit - Select a location that is

- Robust not causing vibration, where the body can be supported sufficiently.
- Not affected by heat or steam generated in the vicinity, where inlet and outlet of the unit are not disturbed.
- Possible to drain easily, where piping can be connected with the outdoor unit.
- Where cold air can be spread in a room evenly.
- Nearby a power receptacle. (Refer to drawings).
- Place where the distance of more than 1m from televisions, radios, wireless apparatuses and fluorescent lamps can be left.
- In the case of fixing the remote controller on a wall, place where the indoor unit can receive signals when the fluorescent lamps in the room are in use.

#### Outdoor Unit - Select a location that is

- Less affected by rain or direct sunlight and is sufficiently ventilated.
- Strong enough to bear the unit, where vibration and noise are not increased.
- Not causing a nuisance to neighbors due to discharged air or noise.
- A distance marked as is available as illustrated in the below figure.

## Drawing for the installation of indoor and outdoor units

The models adopt HCFC free refrigerant R410A.



The above picture is for your reference only. Your product may look different. Read this manual before installation. Explain the operation of the unit to the user according to this manual.

NO.0010536242

# Auto Air Conditioning Repair Manual

**Draf Tool Co., Inc**



## **Auto Air Conditioning Repair Manual:**

*The Haynes Automotive Heating & Air Conditioning Systems Manual* Mike Stubblefield, John Harold Haynes, 2000 Written for the do it yourselfer good enough for the pro Includes everything you wish to know about your vehicles heating and air conditioning From simple adjustments to complete tune ups and troubleshooting *Automotive Heating & Air Conditioning* Editors of Haynes Manuals, 2011-05-01 Written for the do it yourselfer good enough for the pro Includes everything you wish to know about your vehicles heating and air conditioning From simple adjustments to complete tune ups and troubleshooting

Mechanic's Automotive Air Conditioning Repair Manual Paul M. Allen, 1983 **Automotive Air Conditioning Service Manual** National Automotive Service, 1970 *Automotive Air Conditioning Service Manual, 1963-1970* Mitchell Manuals, inc, 1970 **Air Conditioning Repair Manual, 1992-95** Chilton Automotive Books, 1995-06-01 **A Guide to Automotive Air Conditioning Systems** Steve Rendle, 2000 **Automotive Air Conditioning and Heating Service Manual, 1966-72** Mitchell Manuals, inc, 1981 *Automotive Air Conditioning and Heating Service Manual, 1966-74* Mitchell Manuals, inc, 1977 **Auto Air-conditioning Service Manual** Draef Tool Co., Inc, 1973 Auto Air-conditioning Service Manual, 1973 **Catalog of Copyright Entries. Third Series** Library of Congress. Copyright Office, 1977 *Auto Air-conditioning Service Manual* Draef Tool Company, 1976 **The Haynes Automotive Heating & Air-conditioning Systems Manual** Mike Stubblefield, John Harold Haynes, 1989 Subject Catalog Library of Congress, 1981 *Automotive Air Conditioning Service Manual, 1963-70* National Automotive Service, 1970 **Automotive Air Conditioning Service Manual** University of Texas. Division of Extension. Industrial Education Department, A. T. Seymour, 1969 **Automotive Air Conditioning and Heating Service Manual, 1966-76** Mitchell Manuals, inc, 1976 **Ford Taurus and Mercury Sable** Bob Henderson, J. H. Haynes, 1992 **THE COMPLETE CAR AC AND HEATING REPAIR MANUAL (2025 Edition)** Herb P Guerrero, 2025-07-07 Mastering your vehicle's climate control system is no longer just a job for the professionals The Complete Car AC and Heating Repair Guide 2024 Edition DIY Solutions for Your Vehicle's Climate Control equips car owners and DIY enthusiasts with the knowledge and skills needed to diagnose and repair common air conditioning and heating issues This essential guide delves deep into the mechanics of modern AC and heating systems breaking down complex concepts into easy to understand terms If you find your AC blowing warm air this book offers quick DIY fixes Detailed instructions guide you through inspecting and recharging refrigerant levels and replacing worn out filters ensuring your car remains comfortable year round Packed with practical advice and step by step instructions this guide is your go to resource for maintaining and repairing your vehicle's climate control system helping you save money and time while gaining a sense of accomplishment in your DIY efforts

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