

# SERVICE MANUAL

## SPLIT TYPE ROOM AIR CONDITIONER

MODELS INDOOR UNIT  
**AY-XP12GR-N**  
OUTDOOR UNIT  
**AE-X12GR-N**



In the interests of user safety (required by safety regulations in some countries), the set should be restored to its original condition and only parts identical to those specified should be used.

### CONTENTS

#### CHAPTER 1. SPECIFICATION

|                             |     |
|-----------------------------|-----|
| [1] SPECIFICATION.....      | 1-1 |
| [2] EXTERNAL DIMENSION..... | 1-2 |
| [3] WIRING DIAGRAM.....     | 1-3 |
| [4] ELECTRICAL PARTS.....   | 1-3 |

#### CHAPTER 2. EXPLANATION OF CIRCUIT AND OPERATION

|                                       |     |
|---------------------------------------|-----|
| [1] BLOCK DIAGRAMS.....               | 2-1 |
| [2] MICROCOMPUTER CONTROL SYSTEM..... | 2-3 |
| [3] FUNCTION.....                     | 2-8 |

#### CHAPTER 3. FUNCTION AND OPERATION OF PROTECTIVE PROCEDURES

|  |     |
|--|-----|
| [1] PROTECTION DEVICE FUNCTIONS AND OPERATIONS.....    | 3-1 |
| [2] AIR CONDITIONER OPERATION IN THERMISTOR ERROR..... | 3-3 |
| [3] THERMISTOR TEMPERATURE CHARACTERISTICS.....        | 3-5 |
| [4] HOW TO OPERATE THE OUTDOOR UNIT INDEPENDENTLY..... | 3-5 |
| [5] GENERAL TROUBLESHOOTING CHART.....                 | 3-6 |

|   |      |
|---|------|
| [6] MALFUNCTION (PARTS) CHECK METHOD..... | 3-8  |
| [7] OUTDOOR UNIT CHECK METHOD.....        | 3-10 |
| [8] TROUBLESHOOTING GUIDE.....            | 3-13 |

#### CHAPTER 4. REFRIGERATION CYCLE

|   |     |
|---|-----|
| [1] FLOW FOW REFRIGERANT.....                                 | 4-1 |
| [2] STANDARD CONDITION.....                                   | 4-1 |
| [3] TEMPERATURE AT EACH PART AND PRESSURE IN 3-WAY VALVE..... | 4-1 |
| [4] PERFORMANCE CURVES.....                                   | 4-2 |

#### CHAPTER 5. DISASSEMBLING PROCEDURE

|                                      |     |
|--------------------------------------|-----|
| [1] DISASSEMBLY OF INDOOR UNIT.....  | 5-1 |
| [2] DISASSEMBLY OF OUTDOOR UNIT..... | 5-7 |

#### Parts Guide

Parts marked with " (I) " are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

This document has been published to be used for after sales service only.  
The contents are subject to change without notice.

# Sharp Inverter Air Conditioner Manual

**Hongru Du**



## **Sharp Inverter Air Conditioner Manual:**

**Perpetual Trouble Shooter's Manual** John Francis Rider,1947      Perpetual Trouble Shooter's Manual John Francis Rider,1936      Moody's Industrial Manual ,1994 Covering New York American regional stock exchanges international companies      Moody's International Manual ,1998      Operator, organizational, field, and depot maintenance manual ,1963      The News ,2001-04      *The executive's dek book; a practical manual of correct usage* ,1944      **MotorBoating** ,1961-04      Electronics World ,1960 Some issues Aug 1943 Apr 1954 are called Radio electronic engineering ed called in 1943 Radionics ed which include a separately paged section Radio electronic engineering varies v 1 no 2 v 22 no 7 issued separately Aug 1954 May 1955      **Thomas Register of American Manufacturers and Thomas Register Catalog File** ,2002 Vols for 1970 71 includes manufacturers catalogs      **Federal Register** ,1965-12      *Predicasts F & S Index International Annual* ,1992      *The Wireless World* ,1980      QST ,1962      **New Technology Japan** ,1987      **Scientific and Technical Aerospace Reports** ,1986      *Textile Asia* ,1994      *Key-words-in-context Title Index* ,1962      **Industrial Equipment News** ,1975      Soaring ,1975

## Unveiling the Energy of Verbal Beauty: An Psychological Sojourn through **Sharp Inverter Air Conditioner Manual**

In a global inundated with displays and the cacophony of immediate communication, the profound energy and mental resonance of verbal beauty usually disappear into obscurity, eclipsed by the continuous onslaught of noise and distractions. Yet, set within the lyrical pages of **Sharp Inverter Air Conditioner Manual**, a interesting work of literary splendor that impulses with organic thoughts, lies an unforgettable journey waiting to be embarked upon. Penned by a virtuoso wordsmith, this magical opus books visitors on an emotional odyssey, gently revealing the latent potential and profound affect embedded within the complex web of language. Within the heart-wrenching expanse with this evocative analysis, we shall embark upon an introspective exploration of the book is key themes, dissect its charming writing fashion, and immerse ourselves in the indelible effect it leaves upon the depths of readers souls.

<http://www.frostbox.com/About/book-search/Documents/Workshop%20Manual%20Of%20Yamaha%20Crux.pdf>

### **Table of Contents Sharp Inverter Air Conditioner Manual**

1. Understanding the eBook Sharp Inverter Air Conditioner Manual
  - The Rise of Digital Reading Sharp Inverter Air Conditioner Manual
  - Advantages of eBooks Over Traditional Books
2. Identifying Sharp Inverter Air Conditioner Manual
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Sharp Inverter Air Conditioner Manual
  - User-Friendly Interface
4. Exploring eBook Recommendations from Sharp Inverter Air Conditioner Manual
  - Personalized Recommendations

- Sharp Inverter Air Conditioner Manual User Reviews and Ratings
- Sharp Inverter Air Conditioner Manual and Bestseller Lists
- 5. Accessing Sharp Inverter Air Conditioner Manual Free and Paid eBooks
  - Sharp Inverter Air Conditioner Manual Public Domain eBooks
  - Sharp Inverter Air Conditioner Manual eBook Subscription Services
  - Sharp Inverter Air Conditioner Manual Budget-Friendly Options
- 6. Navigating Sharp Inverter Air Conditioner Manual eBook Formats
  - ePub, PDF, MOBI, and More
  - Sharp Inverter Air Conditioner Manual Compatibility with Devices
  - Sharp Inverter Air Conditioner Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Sharp Inverter Air Conditioner Manual
  - Highlighting and Note-Taking Sharp Inverter Air Conditioner Manual
  - Interactive Elements Sharp Inverter Air Conditioner Manual
- 8. Staying Engaged with Sharp Inverter Air Conditioner Manual
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Sharp Inverter Air Conditioner Manual
- 9. Balancing eBooks and Physical Books Sharp Inverter Air Conditioner Manual
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Sharp Inverter Air Conditioner Manual
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Sharp Inverter Air Conditioner Manual
  - Setting Reading Goals Sharp Inverter Air Conditioner Manual
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Sharp Inverter Air Conditioner Manual
  - Fact-Checking eBook Content of Sharp Inverter Air Conditioner Manual

- Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

## **Sharp Inverter Air Conditioner Manual Introduction**

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In today's fast-paced digital age, obtaining valuable knowledge has become easier than ever. Thanks to the internet, a vast array of books and manuals are now available for free download in PDF format. Whether you are a student, professional, or simply an avid reader, this treasure trove of downloadable resources offers a wealth of information, conveniently accessible anytime, anywhere. The advent of online libraries and platforms dedicated to sharing knowledge has revolutionized the way we consume information. No longer confined to physical libraries or bookstores, readers can now access an extensive collection of digital books and manuals with just a few clicks. These resources, available in PDF, Microsoft Word, and PowerPoint formats, cater to a wide range of interests, including literature, technology, science, history, and much more. One notable platform where you can explore and download free Sharp Inverter Air Conditioner Manual PDF books and manuals is the internet's largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-to-use website interface and customizable PDF generator, this platform offers a user-friendly experience, allowing individuals to effortlessly navigate and access the information they seek. The availability of free PDF books and manuals on this platform demonstrates its commitment to democratizing education and empowering individuals with the tools needed to succeed in their chosen fields. It allows anyone, regardless of their background or financial limitations, to expand their horizons and gain insights from experts in various disciplines. One of the most significant advantages of downloading PDF books and manuals lies in their portability. Unlike physical copies, digital books can be stored and carried on a single device, such as a tablet or smartphone, saving valuable space and weight. This convenience makes it possible for readers to have their entire library at their fingertips, whether they are commuting, traveling, or simply enjoying a lazy afternoon at home. Additionally, digital files are easily searchable, enabling readers to locate specific information within seconds. With a few keystrokes, users can search for keywords, topics, or phrases, making research and finding relevant information a breeze. This efficiency saves time and effort, streamlining the learning process and allowing individuals to

focus on extracting the information they need. Furthermore, the availability of free PDF books and manuals fosters a culture of continuous learning. By removing financial barriers, more people can access educational resources and pursue lifelong learning, contributing to personal growth and professional development. This democratization of knowledge promotes intellectual curiosity and empowers individuals to become lifelong learners, promoting progress and innovation in various fields. It is worth noting that while accessing free Sharp Inverter Air Conditioner Manual PDF books and manuals is convenient and cost-effective, it is vital to respect copyright laws and intellectual property rights. Platforms offering free downloads often operate within legal boundaries, ensuring that the materials they provide are either in the public domain or authorized for distribution. By adhering to copyright laws, users can enjoy the benefits of free access to knowledge while supporting the authors and publishers who make these resources available. In conclusion, the availability of Sharp Inverter Air Conditioner Manual free PDF books and manuals for download has revolutionized the way we access and consume knowledge. With just a few clicks, individuals can explore a vast collection of resources across different disciplines, all free of charge. This accessibility empowers individuals to become lifelong learners, contributing to personal growth, professional development, and the advancement of society as a whole. So why not unlock a world of knowledge today? Start exploring the vast sea of free PDF books and manuals waiting to be discovered right at your fingertips.

## **FAQs About Sharp Inverter Air Conditioner Manual Books**

**What is a Sharp Inverter Air Conditioner Manual PDF?** A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. **How do I create a Sharp Inverter Air Conditioner Manual PDF?** There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. **How do I edit a Sharp Inverter Air Conditioner Manual PDF?** Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. **How do I convert a Sharp Inverter Air Conditioner Manual PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. **How do I password-protect a Sharp Inverter Air Conditioner Manual PDF?** Most PDF editing software allows you to add

password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

### **Find Sharp Inverter Air Conditioner Manual :**

**workshop manual of yamaha crux**

[workshop manual kubota small diesel motor](#)

[world history first semester final exam review](#)

**world history 2guided reading answers**

**world economic outlook april globalization and external imbalances**

**worksoft certify automation tool**

[world history 1 final exam review packet](#)

[workshop manual for ssangyong musso](#)

[world war section quiz](#)

[world history ancient civilizatons study guide answers](#)

[workshop manual sonic](#)

[workshop manual passat](#)

**world politics trend and transformation 14th edition**

**worldwide box office report**

[workshop manual perkins 3 cylinder diesel engine](#)



## Sharp Inverter Air Conditioner Manual :

Realidades Practice Workbook 3 - 1st Edition - Solutions ... Our resource for Realidades Practice Workbook 3 includes answers to chapter exercises, as well as detailed information to walk you through the process step by ... Realidades 3 - 1st Edition - Solutions and Answers Find step-by-step solutions and answers to Realidades 3 - 9780130359681, as well as thousands of textbooks so you can move forward with confidence. Practice Workbook Answers 3B-3. Answers will vary. Here are some probable answers. 1. Sí, el tomate es ... Realidades 1. Capítulo 6B Practice Workbook Answers el garaje, la cocina, la ... ANSWER KEY - WORKBOOK 3. 2 Do you do a lot of sport, Kiko? Yes, I do. 3 Do the students in your class live near you? No, they don't. 4 Do you and Clara like Italian food? Autentico 1 Workbook Answers Sep 24, 2012 — 2017 VHL Spanish 3 Aventura Level 2 978-0-82196-296-1 Texts should be ... Phschool realidades 1 workbook answers (Read. Only). Auténtico Online ... Phschool Com Spanish Answers | GSA phschool com spanish answers. Looking Practice Workbook Answers? Ok, we provide the right information about phschool com spanish answers in this post below. Realidades L1 Guided Practices Grammar Answers.pdf Guided Practice Activities 4A-3 127. 128 Guided Practice Activities - 4A-4. Online WEB CODE =d-0404. PHSchool.com. Pearson Education, Inc. All rights reserved ... Pearson Education, Inc. All rights reserved. Nombre. Para empezar. Fecha. En la escuela. Hora. Practice Workbook. P-3. Por favor. Your Spanish teacher has asked you to learn some basic classroom commands. Workbook answer key Answers will vary. Exercise 2. 2. A: What's your teacher's name? 3. A: Where is your teacher from ... Nus Sommes (La peau des images) (Collection D' ... Amazon.com: Nus Sommes (La peau des images) (Collection D'Esthetique) (French Edition): 9782252035733: Ferrari, Federico: Books. Nus sommes: La peau des images Nus sommes: La peau des images ... Painting, drawing or photographing a nude poses the same challenge every time: to portray the unportrayable instant of being ... Nus Sommes / la Peau des Images - Nancy: 9782930128214 Painting, drawing or photographing a nude poses the same challenge every time: to portray the unportrayable instant of being stripped bare, ... Nus Sommes (La peau des images) (Collection D'Esthetique) Read reviews from the world's largest community for readers. Painting, drawing or photographing a nude poses the same challenge every time: to portray the ... Collection D'Esthetique: Nus Sommes (La Peau Des Images) ... Painting, drawing or photographing a nude poses the same challenge every time: to portray the unportrayable instant of being stripped bare, the instantaneous ... la peau des images / Federico Ferrari, Jean-Luc Nancy. Nus sommes : la peau des images / Federico Ferrari, Jean-Luc Nancy. Available at General Collections LIBRARY ANNEX (N7572 .F47 2002 ) ... Nus Sommes (La Peau Des Images) - Ferrari, Federico About the Author. Federico Ferrari teaches Contemporary Philosophy and Art Theory at the Brera Academy of Fine Arts in Milan. His most recent books are: Il re è ... Nous sommes nus. 27 October, 2008. | Items Cartoonist writes 'A painted cartoon...Its title is Nous sommes nus. Recently I had an exhibition of paintings at Roar! Gallery called Fighting for a Peace. In ... Which one is better in French,'Nous nous sommes brossés ... Jan 13, 2018 — THE correct one is : nous nous sommes brossé les dents. The

Comprehensible Classroom: Teach languages with ... Access to a full network of support and mentorship for each step of the way. Also available in French (The Nous sommes Curriculum) and Latin (The Sumus ... Bead Jewelry 101: Master Basic Skills and... by Mitchell, ... Bead Jewelry 101 is an all-in-one essential resource for making beaded jewelry. This complete entry-level course includes 30 step-by-step projects that ... Intro to Beading 101: Getting Started with Jewelry Making This video series introduces some jewelry terms that are essential to know, and will teach you some fundamental skills necessary for basic jewelry making. Beading Jewelry 101 Beading jewelry for beginners at home starts with three jewelry tools and two techniques and a step by step guide for making earrings, necklaces and ... How to Make Beaded Jewelry 101: Beginner's Guide First, you will want to gather all of your beading materials. Make sure to have materials for the job: beading thread, beads, super glues, wire cutters, crimp ... Bead Jewelry 101 This complete entry-level course includes 30 step-by-step projects that demonstrate fundamental methods for stringing, wire work, and more. Begin your jewelry ... Beading 101: How to Get Started Making Jewelry Jan 14, 2019 — There are many benefits to learning how to make your own jewelry. First and foremost, it is fun! Making jewelry is a hobby that allows you ... Bead Jewelry 101: Master Basic Skills and Techniques ... Bead Jewelry 101 is an all-in-one essential resource for making beaded jewelry. This complete entry-level course includes 30 step-by-step projects that ... Online Class: Bead Stringing 101: Learn How To Make a ...