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ROBINAIR AC690 Pro

Part No.: 2404-116
Date: 26 March 2008
Issue: 0.3

SPECIFICATION

Voltage:	220-240v AC 50 Hz
Refrigerants:	R134A
Weight:	110kg
Dimensions:	528cm x 69 cm x 69 cm
Max. Operating Pressure:	56 bar (232 PSI)
Temp. Operating Range:	10 - 50°C
Warranty:	12 months (optional 3 year extended warranty available)

Introduction

AC690 - is the most advanced AC service station for car, truck and bus. Fully automatic and user friendly it has been developed for use on all Automotive R134a air conditioning systems with the minimum of user intervention possible. The AC690 automatically controls the recovery, recycling, vacuum and recharging process for the oil, UV dye and refrigerant without the need for the operator. It can also be used in manual mode to control each phase independently. The powerful dual stage vacuum pump guarantees a rapid and effective dehydration of the system prior to recharging. The unit is equipped with an integrated database supplying the details of 3900 vehicles for refrigerant, oil type and quantity required, which can be used in conjunction with the built vehicle fault diagnostic program. The standard fitted printer gives an overall detailed activity report at the end of the automatic process, or at the end of each process when used in manual mode.

Complete Automation

The AC690 Pro offers complete "programme and walk away" capability. This is achieved with two additional scales which firstly, weigh recovered oil and automatically injects the same amount of fresh oil plus any extra oil if required. UV dye injection is also automatic when selected.

Automatic Operation / Vehicle Database

The user can run either in "manual" or "automatic" (expert or beginner) mode for maximum flexibility. "Automatic" option reduces "hands on" time to around 5 minutes per job (with automatic leak check) and allows you to select "make", "model" & "type" of vehicle (from the 3,900 available on the OEM database). Refrigerant charge, oil viscosity and quantity are then displayed and confirmed. The database now has full edit and key up-date facilities.

Unique Diagnostic Programme

The integrated diagnostic programme is extremely powerful. From key temperature and pressure data the programme diagnoses possible faults and rectifications, saving time and improving service levels. This functionality replicates expensive stand-alone "A/C fault-finding / Diagnostic" tools very effectively. In fact, the data used to gauge "normal" parameters is make / model specific where other equipment will often use "universal" data, decreasing accuracy in the process.

Printer

The AC690 Pro is sold with an integrated printer. This has been up-graded to allow you to print your company details (inc. telephone number) along with date, time, refrigerant recovered, refrigerant charged, oil recovered, oil charged, vacuum time and vacuum leak test pass / fail and "Next Service" date. Customer and vehicle details are also on printout when selected from database. The printer can help both the sales process and record-keeping and print-outs can be generated at any stage of operation.

Flush-Prepared

The AC690 Pro is sold prepared for liquid refrigerant flushing with integrated software support. A machine kit and adaptor kit are available as optional extras to up-grade to full liquid refrigerant flushing capability. Flushing removes contamination and debris and is essential when components (especially the compressor) have failed. Flushing is mandatory following compressor failure or system contamination by many vehicle and compressor manufacturers for warranty purposes.

Features



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Jianjun Gao



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Table of Contents Robinair Ac 500 Pro Manual

1. Understanding the eBook Robinair Ac 500 Pro Manual
 - The Rise of Digital Reading Robinair Ac 500 Pro Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Robinair Ac 500 Pro 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 Robinair Ac 500 Pro Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Robinair Ac 500 Pro Manual
 - Personalized Recommendations
 - Robinair Ac 500 Pro Manual User Reviews and Ratings
 - Robinair Ac 500 Pro Manual and Bestseller Lists

5. Accessing Robinair Ac 500 Pro Manual Free and Paid eBooks
 - Robinair Ac 500 Pro Manual Public Domain eBooks
 - Robinair Ac 500 Pro Manual eBook Subscription Services
 - Robinair Ac 500 Pro Manual Budget-Friendly Options
6. Navigating Robinair Ac 500 Pro Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Robinair Ac 500 Pro Manual Compatibility with Devices
 - Robinair Ac 500 Pro Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Robinair Ac 500 Pro Manual
 - Highlighting and Note-Taking Robinair Ac 500 Pro Manual
 - Interactive Elements Robinair Ac 500 Pro Manual
8. Staying Engaged with Robinair Ac 500 Pro Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Robinair Ac 500 Pro Manual
9. Balancing eBooks and Physical Books Robinair Ac 500 Pro Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Robinair Ac 500 Pro Manual
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Robinair Ac 500 Pro Manual
 - Setting Reading Goals Robinair Ac 500 Pro Manual
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Robinair Ac 500 Pro Manual
 - Fact-Checking eBook Content of Robinair Ac 500 Pro 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

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