

**FB4, FE4, FF1E,
FFM, FH4, FV4,
FX4, FZ4, PF4**

Residential Fan Coil Units

Service and Maintenance Instructions

NOTE: Read the entire instruction manual before starting the installation.

TABLE OF CONTENTS

	PAGE
SAFETY CONSIDERATIONS	1
INTRODUCTION	1
FAN COIL DESCRIPTION AND TROUBLESHOOTING ..	2
FY4, FH4, PF4 (even sizes), and FF1E (even sizes),	2
FB4C, FX4D, PF4 (odd sizes) and FF1E (odd sizes)	5
FV4	7
FFM	18
ELECTRIC HEATER FUNCTION AND TROUBLESHOOTING	23
FB4, FE4, FF1E, FH4, FV4, FX4, FZ4 and PF4	23
FFM	23
CARE AND MAINTENANCE	24
FB4, FE4, FH4, FV4, FX4, FZ4, and PF4	24
FF1E and FFM	25
REFRIGERANT FLOW-CONTROL DEVICE	27
Thermostatic Expansion Valve (TXV)	27
Piston Body Cleaning and Replacement	28
ALUMINUM COIL REPAIR	29
COIL & CONDENSATE PAN REMOVAL AND REPLACEMENT (FB4, FE4, FX4, FV4 and FZ4)	29
PURON QUICK REFERENCE GUIDE	32

SAFETY CONSIDERATIONS

Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock, or other conditions which may cause death, personal injury or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or agency must use factory-authorized kits or accessories when modifying this product. Refer to the individual instructions packaged with kits or accessories when installing.

Follow all safety codes. Wear safety glasses, protective clothing and work gloves. Have a fire extinguisher available. Read these instructions thoroughly and follow all warnings or cautions included in literature and attached to the unit. Consult local building codes and the current editions of the National Electrical Code (NEC) NFPA 70.

In Canada, refer to the current editions of the Canadian Electrical Code (CEC) C22.1.

Recognize safety information. This is the safety-alert symbol. When you see this symbol on the unit and in instruction manuals, be alert to the potential for personal injury.

Understand the signal words **DANGER**, **WARNING**, and **CAUTION**. These words are used with the safety-alert symbol. **DANGER** identifies the most serious hazards which will result in severe personal injury or death. **WARNING** signifies hazards which could result in personal injury or death. **CAUTION** is used to identify unsafe practices which may result in minor personal injury or product and property damage. **NOTE** is used to highlight suggestions which will result in enhanced installation, reliability, or operation.



WARNING

UNIT OPERATION AND SAFETY HAZARD

Failure to follow this warning could result in personal injury or death.

Puron (R-410A) systems operate at higher pressures than R-22 systems. Do not use R-22 service equipment or components on R-410 equipment. Ensure service equipment is rated for R-410.

INTRODUCTION

The "F" and "FF" series fan-coil units are designed for flexibility in a variety of applications that meet upflow, horizontal, or downflow requirements. Units are available in 1-1/2 through 5 ton nominal cooling capacities. Factory-authorized, field-installed electric heater packages are available in 3 through 30 kilowatts.



WARNING

ELECTRICAL OPERATION HAZARD

Failure to follow this warning could result in personal injury or death.

Before installing or servicing unit, always turn off all power to unit. There may be more than one disconnect switch. Turn off accessory heater power if applicable. Lock out and tag switch with a suitable warning label.

Fb4 Carrier User Manual

Siddappa N.Byrareddy



Fb4 Carrier User Manual:

FCC Record United States. Federal Communications Commission,2000 Federal Register ,1994-11 Goddard
Conference on Mass Storage Systems and Technologies Ben Kobler,P. C. Hariharan,1993 **Handbook of Buying Issue**
,1957 **The World's Carriers and Carrying Trades' Review** ,1934 **Handbook** General Railway Signal
Company,1949 Interrogations of Japanese Officials United States Strategic Bombing Survey,1946 **U.S. Directory of**
Environmental Sources United States International Environmental Referral Center,1980 **Boeing Plane-Makers of**
Distinction Peter Dancey,2010-08-09 This book is a history of Boeing Giants of the jet age It looks at the company and its
secrets of success following the philosophy of its founder William Boeing Its miraculous recovery on more than one occasion
from bankruptcy Its airplanes WW I biplane trainers and fighters piston and jet engined airliners mergers and take overs The
Raptor and Dreaamliner military and civil airplanes for the twenty first century Mycotoxins in Agriculture and Food
Safety Kaushal K. Shinha,Deepak Bhatnagar,1998-07-16 Describes a range of mycotoxins occurring as contaminants in
agricultural crops and animal products and details the implementation of food safety regulations via governmental and
international agencies The book charts the progress made in mycotoxicology since the early 1990s It also profiles recent
advances in mycotoxin analysis methods **Structure and Process in a Melanesian Society** A.H. Carrier,J.G.
Carrier,2012-10-12 First Published in 1991 In the 1980s many anthropologists rejected the classic concern with the structure
and logic of social organisation and embraced instead a concern with process with the fluidity of events and individual
strategy Through its analysis of a Melanesian society and the ways it has changed in the twentieth century this book
addresses the relationship between the classic structural approach and the more recent processual one The society analysed
is Ponam located on a small island in Papua New Guinea The book describes Ponam kinship and ceremonial exchange and so
compliments the authors analysis of Onam economic organisation in Wage Tarde and Exchange in Melanesia Like its
companion volume this book locates Ponanm in its broader social political and economic environment **Understanding**
GMDSS David Calcutt,Laurie Tetley,2012-09-10 This is the first book to cover the Global Marine Distress and Safety System
GDMSS in a comprehensive and readable way GDMSS is now being developed to provide a new global communications and
locating network to alert search and rescue services and all students of navigation or maritime technology and practising
navigation officers will need to be trained in its use This accessible reference textbook provides students and new radio
operators with all the knowledge necessary for a complete understanding of GMDSS and its related systems **United**
States Department of Commerce Telephone Directory United States. Department of Commerce,1980 **Artificial**
Liver Support G. Brunner,M. Mito,2012-12-06 Continuing progress has been made since the first edition of Artificial Liver
Support was published Liver transplantation has however become an estab lished therapy for a relatively small number of
patients who remain patients for life There therefore continues to be a great need for the development of other forms of

artificial liver support Improved intensive care utilizing improved plasma exchange dialysis sclerotherapy and intracranial pressure monitoring have improved survival in fulminant hepatic failure Progress has also been made in lipid membrane detoxification in cell cultures and in cell transplantation and the isolation of various liver cell growth factors has led to deep insight into the mechanisms of liver regeneration This book gives the clinician and the researcher detailed information about established new methods of clinic work and laboratory research and describes new experimental approaches indicating the direction of future research G BRUNNER M Mno Preface to the First Edition The regenerative capacity of the liver cell is almost unlimited Therefore after acute liver damage be it viral toxic hypoxic or surgical in origin restitutio ad integrum is the usual outcome In two forms of liver disease however this is not the case in fulminant hepatic failure liver regeneration often is not fast enough to keep the organism alive in end stage cirrhosis regeneration is disturbed by a hypertrophic architecture of fibrotic tissue For these extreme forms of liver disease and for critical situations before and after liver surgery artificial liver support is needed

Energy and Bandwidth-Efficient Wireless Transmission Wei Gao,2017-02-10 This book introduces key modulation and predistortion techniques for approaching power and spectrum efficient transmission for wireless communication systems The book presents a combination of theoretical principles practical implementations and actual tests It focuses on power and spectrally efficient modulation and transmission techniques in the portable wireless communication systems and introduces currently developed and designed RF transceivers in the latest wireless markets Most materials design examples and design strategies used are based on the author s two decades of work in the digital communication fields especially in the areas of the digital modulations demodulations digital signal processing and linearization of power amplifiers The applications of these practical products and equipment cover the satellite communications on earth station systems microwave communication systems 2G GSM and 3G WCDMA mobile communication systems and 802 11 WLAN systems *Mathematics and Natural Sciences Research and Theory* Ridvan

Karapınar,2021-09-15 Mathematics and Natural Sciences Research and Theory **Summaries of Papers Presented at the Optical Fiber Communication Conference ...** ,1994 *Annual Meeting* West Michigan Press Association,1883

Thesaurofacet Alan Gomersall,1969 **AMC Regulation** United States Department of the Army,1974

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Table of Contents Fb4 Carrier User Manual

1. Understanding the eBook Fb4 Carrier User Manual
 - The Rise of Digital Reading Fb4 Carrier User Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Fb4 Carrier User 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 Fb4 Carrier User Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Fb4 Carrier User Manual
 - Personalized Recommendations
 - Fb4 Carrier User Manual User Reviews and Ratings
 - Fb4 Carrier User Manual and Bestseller Lists
5. Accessing Fb4 Carrier User Manual Free and Paid eBooks
 - Fb4 Carrier User Manual Public Domain eBooks
 - Fb4 Carrier User Manual eBook Subscription Services
 - Fb4 Carrier User Manual Budget-Friendly Options

6. Navigating Fb4 Carrier User Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Fb4 Carrier User Manual Compatibility with Devices
 - Fb4 Carrier User Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Fb4 Carrier User Manual
 - Highlighting and Note-Taking Fb4 Carrier User Manual
 - Interactive Elements Fb4 Carrier User Manual
8. Staying Engaged with Fb4 Carrier User Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Fb4 Carrier User Manual
9. Balancing eBooks and Physical Books Fb4 Carrier User Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Fb4 Carrier User Manual
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Fb4 Carrier User Manual
 - Setting Reading Goals Fb4 Carrier User Manual
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Fb4 Carrier User Manual
 - Fact-Checking eBook Content of Fb4 Carrier User 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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