

**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.

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### **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

**SB Merriam**

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the 'SB Merriam' text.

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