



# installation, start-up and service instructions

## SINGLE PACKAGE GAS HEATING/ ELECTRIC COOLING UNITS

**588A**  
Sizes 018-060

**589A**  
Sizes 024-060

Cancels: II 588A-18-8

II 588A-18-9  
9/15/98

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**NOTE TO INSTALLER** — Before the installation, READ THESE INSTRUCTIONS CAREFULLY AND COMPLETELY. Also, make sure the User's Manual and Replacement Guide are left with the unit after installation. This unit is NOT to be used for temporary heating of buildings or structures under construction.

### SAFETY CONSIDERATIONS

Installation and servicing of air-conditioning equipment can be hazardous due to system pressure and electrical components. Only trained and qualified personnel should install, repair, or service air-conditioning equipment.

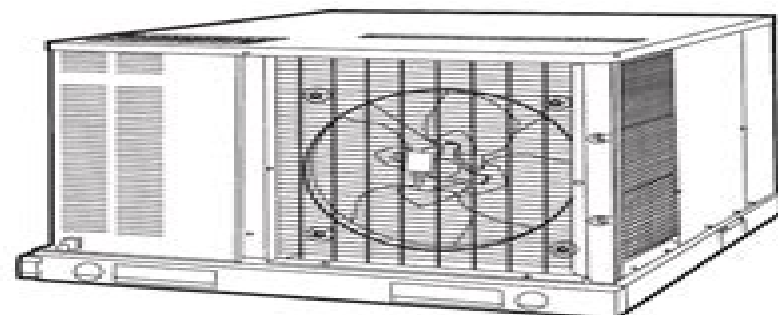


Fig. 1 — Unit 589A Shown With Optional Base Rail

Untrained personnel can perform basic maintenance functions of cleaning coils and filters. All other operations should be performed by trained service personnel. When working on air-conditioning equipment, observe precautions in the literature, tags and labels attached to the unit, and other safety precautions that may apply.

Follow all safety codes. Wear safety glasses and work gloves. Use quenching cloth for unbrazing operations. Have fire extinguisher available for all brazing operations.

**⚠ WARNING:** Improper installation, adjustment, alteration, service, maintenance, or use can cause carbon monoxide poisoning, fire, or an explosion which can result in personal injury or unit damage. Consult a qualified installer, service agency, or gas supplier for information or assistance. The qualified installer or agency must use only factory-authorized kits or accessories when modifying this product.

**⚠ WARNING:** Before performing service or maintenance operations on unit, turn off gas supply then unit main power switch. Electrical shock could cause personal injury.

### GENERAL

The 588A, 589A units (see Fig. 1) are fully self-contained, combination Category I gas heating/electric cooling units designed for outdoor installation. See Fig. 2-9 (pages 2-9) for unit dimensions. All unit sizes have discharge openings for both horizontal and downflow configurations, and are factory shipped with all 4 duct openings covered. Units may be installed either on a rooftop or a ground-level cement slab. See Fig. 10 for roof curb dimensions.

# Users Manual Gpfm36k100e Gas Package Unit

**BM King**



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