

Installation Instructions

DNBARREL001A00

Barometric Relief Damper Accessory for Rooftop Units

12¹/₂ to 25 Tons

50/60 Hz

TABLE OF CONTENTS

PACKAGE CONTENTS	1
SAFETY CONSIDERATIONS	1
GENERAL	1
INSTALLATION	1

IMPORTANT: Read these instructions completely before attempting to install the accessory.

PACKAGE CONTENTS DNBARREL001A00


QTY	CONTENTS
1	Relief Damper Assembly
1	Installation Instructions
1	Insulated panel
7	No. 10AB 1/2 inch lg screws

SAFETY CONSIDERATIONS

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

Untrained personnel can perform the basic maintenance functions. 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.

Recognize safety information. This is the safety-alert symbol . When you see this symbol on the unit and in instructions or 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 a hazard 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

ELECTRICAL SHOCK HAZARD

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

Before performing service or maintenance operations on unit, turn off main power switch to unit. If gas unit, shut off gas supply *before* shutting off main power. TAG DISCONNECT SWITCH WITH A SUITABLE WARNING LABEL.

GENERAL

The Barometric Relief Damper accessory is used on large packaged rooftop units to relieve building over-pressurization.

Note: The barometric relief damper accessory cannot be used with the accessory horizontal supply roof curbs.

INSTALLATION

1. Unpack accessory package.
2. Remove the alternate return air access panel (Figure 2). Using screws just removed, install center post and insulated panel as shown in Figure 3.
3. Position relief damper assembly in return air opening (Figure 3). Use retainer on back of relief damper assembly to help with positioning (Figure 4).
4. Using no. 10AB 1/2 inch screws, fasten relief damper assembly to unit (Figure 5).

Figure 1 **Accessory – Relief Damper Assembly**

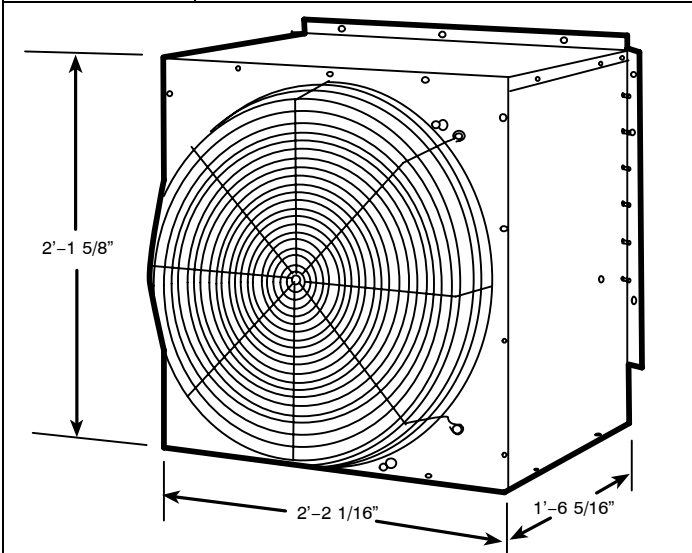


Figure 4 **Relief Damper Assembly**

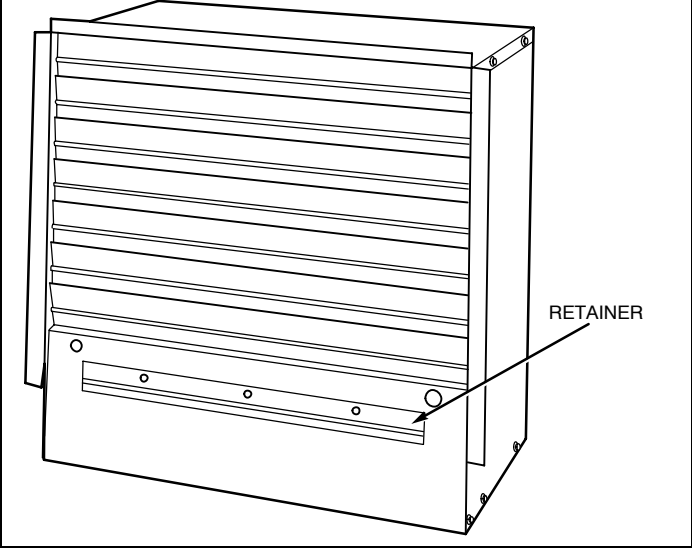


Figure 2 **Typical Base Unit**

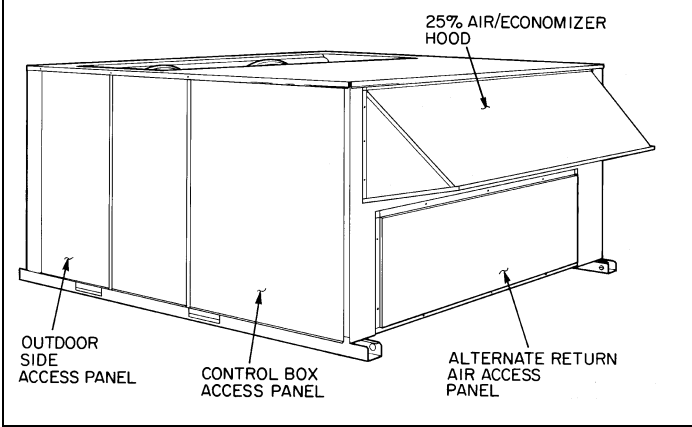


Figure 5 **Base Unit with Relief Damper Assembly Installed**

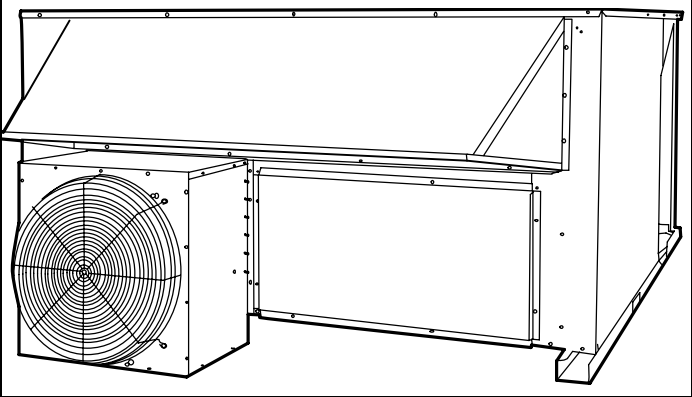


Figure 3 **Base Unit Details**

