

CRBURBAR001A00
CRBURBAR002A00
CRBURBAR003A00
CRBURBAR004A00
CRBURBAR005A00

48/50PD05-06, 48/50PG03-28, 48/50PM16-28
BURGLAR BARS ACCESSORY
SINGLE PACKAGE ROOFTOP UNIT

Installation Instructions

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

PACKAGE USAGE


UNIT	PART NUMBER
48/50PD05-06, 48/50PG03-07	CRBURBAR001A00
48/50PG08-14	CRBURBAR002A00
48/50PG16	CRBURBAR003A00
48/50PG20-28	CRBURBAR004A00
48/50PM16-28	CRBURBAR005A00

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.

When working on 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.

CAUTION

CUT HAZARD

Failure to follow this caution may result in personal injury.

When removing access panels or performing maintenance functions inside your unit, be aware of sharp sheet metal parts and screws. Although special care is taken to reduce sharp edges to a minimum, be extremely careful when handling parts or reaching into the unit.

WARNING

PERSONAL INJURY HAZARD

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

For vertical supply and return units, tools or parts could drop into ductwork. Install a 90 degree turn in the return ductwork between the unit and the conditioned space. If a 90 degree elbow cannot be installed, then a grille of sufficient strength and density should be installed to prevent objects from falling into the conditioned space. Units with electric heaters require 90 degree elbow in supply duct.

GENERAL

The accessory burglar bars are 1/2-in. diameter rod with 9-in. on center design grid pattern and mount in roof curb openings. The burglar bars are designed to limit unwanted access through the ductwork into the building. The burglar bars are designed to be used with a standard HVAC (heating, ventilation and air conditioning) Carrier roof curb. No special modifications are required. The accessory burglar bars must be installed before the unit is placed on the roof curb.

INSTALLATION

IMPORTANT: The accessory burglar bars must be installed before the unit is placed on the roof curb.

To install the burglar bars, perform the following:

1. Install the roof curb. See the accessory roof curb installation instructions for information on installing the roof curb.
2. Install the ductwork. Ductwork dimensions should be the same as the supply and return air openings in the roof curb. (See Fig. 1.) Refer to the unit installation instructions for more information.

NOTE: If ductwork is smaller than the duct openings in the roof curb, then the burglar bars may not fit inside the ductwork.

3. Slide the supply air burglar bars into the supply air ductwork. The burglar bars will hang from the top of the roof curb. (See Fig. 1.)
4. Slide the return air burglar bars into the return air ductwork. The burglar bars will hang from the top of the roof curb. (See Fig. 1.)

5. Install gasketing provided with roof curb per recommendations in roof curb installation instructions.
6. Unit can now be placed on the roof curb.

IMPORTANT: Once the unit is placed on the roof curb, the burglar accessory cannot be removed.

ROOF CURB PART NO.	BURGLAR BAR PART NO.	DIMENSIONS (in.)							
		A	B	C	D	E	F	Supply Duct	Return Duct
CRRFCURB020A00 CRRFCURB032A00	CRBURBAR001A00	80.61	44.70	26.22	14.47	22.20	17.01	17.7 X 22.88	15.15 X 26.9
CRRFCURB031A00 CRRFCURB033A00	CRBURBAR002A00	92.78	53.92	34.40	15.98	28.13	21.40	22.08 X 28.81	16.67 X 35.08
CRRFCURB034A00 CRRFCURB035A00	CRBURBAR003A00	102.82	84.19	53.66	16.10	54.62	19.46	20.50 X 55.75	17.19 X 54.75
CRRFCURB018A00 CRRFCURB024A00	CRBURBAR004A00	111.00	75.15	62.00	13.00	62.00	20.50	21.62 X 63.12	14.12 X 63.12
CRRFCURB038C00 CRRFCURB039C00	CRBURBAR005A00	111.00	75.15	62.00	22.00	62.00	20.50	21.62 X 63.12	23.12 X 63.12

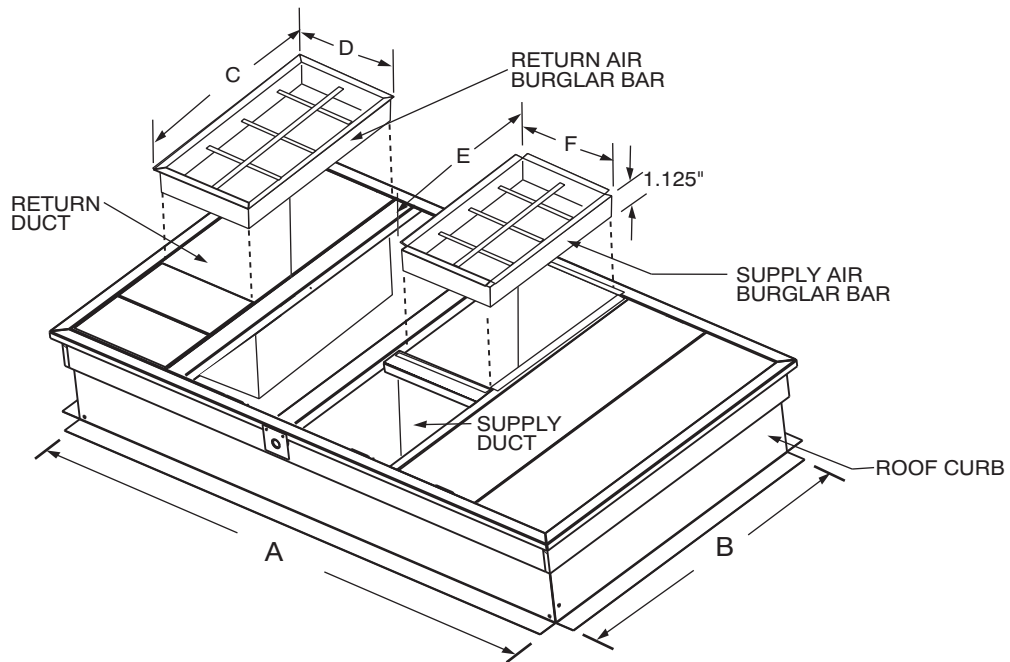


Fig. 1 - Burglar Bar Installation

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