

REZNOR®

Guards, Options CD10 and CD12

Installation Form RZ-NA I-OPT-G
 Obsoletes Form 434/436-BG (Version A)

APPLIES TO: Models UDBP, UDDBS, B, and BE

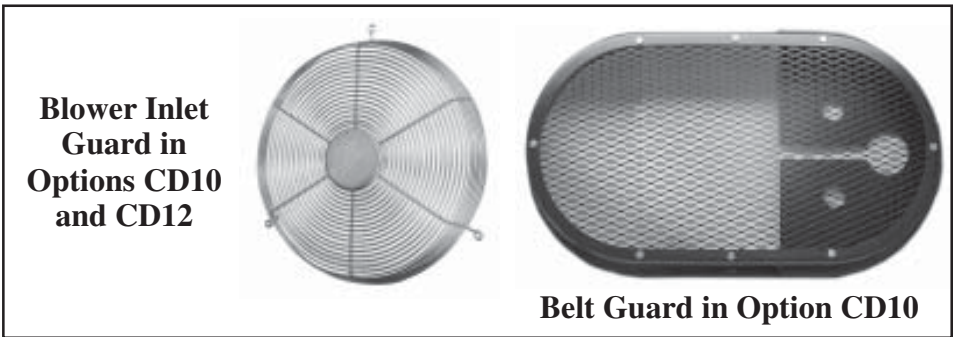
Description and Application

These guard options provide protection from the rotating belt drive and/or blower components.

Blower Guard Option CD12 is designed for use with Models UDBP and UDDBS 30-125 and Models B and BE 25-100 with a standard direct drive motor. Option CD12 includes only the blower inlet guard.

Option CD10 is designed for use on Models UDBP and UDDBS 150-400 and Models B and BE 50-400 with a belt driven motor. Option CD10 includes both the belt guard and the blower inlet guard.

FIGURE 1 - Guard Options



Kit Components

Option CD10 includes:

Option CD10 for Models B and BE	50-125		130-165		200-400	
	Qty	P/N	Qty	P/N	Qty	P/N
Option Pkg P/N		101539		101540		101541
Blower Inlet Guard	1	102474	1	102475	1	102475
Screws, #10-16 x 1/2" lg for blower inlet guard	4	37661	3	37661	3	37661
Belt Guard	1	193796	1	193797	1	193795
Screws, #10 x 1/2" long for belt guard	5	11813	3	11813	3	11813
Contacting Mounting Bracket *	1	101405	N/A		N/A	

*The contacting mounting bracket (the flat sheet metal part with four holes) and the two additional sheetmetal screws are used only when the belt guard is being installed on a Model 75, 100, or 125 equipped with a motor contacting. Otherwise, these parts are not required and may be discarded.

Option CD10 for Models UDBP and UDDBS	150-200		225-400	
	Qty	P/N	Qty	P/N
Option Pkg P/N		202316		202317
Blower Inlet Guard	1	203079	1	102475
Belt Guard	1	193797	1	193795
Green Wire Assembly	1	202939	1	202939
Screws, #10-16 x 1/2" lg (4 for attaching blower inlet guard; 3 for attaching belt guard; and 1 for attaching ground wire to blower)	8	37661	8	37661

Option CD12 includes:

Option CD12 for B and BE 25-100 and UDBP and UDDBS 30-125	Qty	P/N
Option Pkg P/N		114548
Blower Inlet Guard	1	102474
Screws, #10-16 x 1/2" lg	4	37661

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury or death. Read the installation, operation, and maintenance instructions thoroughly before installing or servicing this equipment.

Installation Instructions

FIGURE 2 - Blower Inlet Guard Installed



Installation should be done by a qualified agency in accordance with these instructions and in compliance with all codes and requirements of authorities having jurisdiction.

1. If the heater is installed, turn off the gas and the electric power.

2. Install Blower Inlet Guard - Options CD10 and CD12

- a) Position the guard. See **FIGURE 2**.
- b) Mark the mounting holes (3 or 4 depending on guard).
- c) Drill 1/8" diameter holes.
- d) Attach the guard with the 1/2" long screws.

3. Install the Belt Guard (follow steps in order)

• On Models B and BE 75, 100, 125 with a Contactor

If the belt guard is being installed on a Model B or BE 75, 100 or 125 that is equipped with a motor contactor, the contactor must be re-located to allow for installation of the belt guard. Remove the cover from the contactor and remove the two screws that hold the contactor to the blower housing. Leave the contactor "hanging" until after the belt guard is installed. Follow instructions for "All Models".

• All Models

- 1) Slide the back of the belt guard over the motor pulley. Centrally locate the belt guard so that no part of the pulley or belt rubs on the guard.
- 2) Holding the belt guard in place, mark the hole locations to attach the mounting supports to the blower housing. Remove the guard and drill 1/8 inch diameter holes.
- 3) **Models B and BE** - Attach the belt guard to the blower housing using the screws provided.

Models UDBP and UDBS - Determine which of the three mounting holes is close to another hole in the blower housing. When attaching the belt guard at that hole, attach the green ground wire to the screw. Attach the belt guard to the blower housing using the screws provided. Attach the loose end of the ground wire to another screw and insert it into the hole in the blower housing.

INSTALLATION NOTE: It may be necessary to re-position the motor BX cable. The BX cable should be outside of the belt guard.

• Models B and BE 75, 100, 125 with a Contactor

In the kit there is a new contactor mounting bracket. Position the contactor mounting bracket on the lower edge of the blower housing just below where the contactor is located. Drill 1/8" diameter holes in the blower housing and attach the mounting bracket. Attach the contactor to the mounting bracket and replace the contactor cover.

4. Installation of Option CD10 is complete.

Turn on the electric and the gas. Relight the heater according to the instructions on the lighting instruction plate. Check for proper operation.

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