

BLOWER INLET AND BELT GUARD KIT INSTALLATION FOR BLOWER-TYPE GAS-FIRED UNIT HEATERS

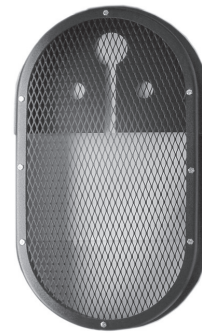
OPTIONS CD10 AND CD12 FOR MODELS UBX, UBXC, AND UBZ

- These guard options provide protection from the rotating belt drive and/or blower components.
- Option CD10 is designed for use on units with a belt-drive motor (unit sizes 150–400).
- Option CD12 is designed for use on units with a standard direct-drive motor (unit sizes 30–125).
- Refer to the installation manual provided with the unit for important safety information.

NOTE: The blower inlet guard and belt guard assemblies (see [Figure 1](#)) together are option CD10. The blower inlet guard assembly when ordered separately is option CD12.



Blower Inlet Guard Assembly



Belt Guard Assembly

Figure 1. Blower Inlet and Belt Guard Assemblies

- Ensure that all components listed in [Table 1](#) are available before beginning installation.

Table 1. Blower Inlet and Belt Guard Kit Components

Option	Component	Unit Size (MBTUh)		
		30, 45, 60, 75, 100, 125	150, 175, 200	225, 250, 300, 350, 400
		Kit PN		
		114548	202316	202317
Component PN				
CD10	Blower inlet guard assembly	—	203079	102475
	Belt guard assembly	—	193797	193795
	Green ground wire assembly, 10-inch	—	202939	
	Screw, #10-16 × 1/2 long	—	37661	
CD12	Blower inlet guard assembly	102474	—	
	Screw, #10-16 × 1/2 long	37661		

INSTALLATION

1. If heater is installed, turn OFF gas and electric power.
2. Install blower inlet guard (see [Figure 2](#)):
 - a. Position guard and mark mounting holes.
 - b. Drill 1/8-inch diameter mounting holes.
 - c. Secure guard using screws from kit.

DO NOT DESTROY. PLEASE READ CAREFULLY. KEEP IN A SAFE PLACE FOR FUTURE REFERENCE.

INSTALLATION—CONTINUED

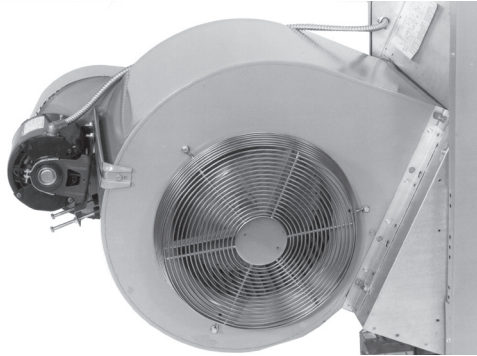


Figure 2. Typical Installed Blower Inlet Guard

3. If installing option CD12, proceed to step 5. If installing option CD10, proceed to step 4.
4. Install belt guard assembly:
 - a. Slide back of guard over motor pulley.
 - b. Position guard in central location so that no part of pulley or belt rubs on guard and mark mounting holes on blower housing.
 - c. Drill 1/8-inch diameter mounting holes.

⚠ CAUTION ⚠

Ensure that metal screen on belt guard assembly is grounded to blower housing.

- d. Remove one bolt and nut that secures metal screen on belt guard assembly. Connect one end of 10-inch green ground wire from kit to bolt and re-install bolt and nut. Connect other end of ground wire to screw to be installed in step 4e.
- e. Secure belt guard assembly using screws from kit, ensuring that one screw grounds metal screen to blower housing.

NOTE: It may be necessary to reposition the motor BX cable, which should be outside of the belt guard.

5. Turn ON gas and electric power.
6. Light heater in accordance with lighting instructions and check for proper operation.

