



# Curved Access Door Flame Guard® Installation Instructions

Installation is simplified through step-by-step instructions.

The estimated time required for installation is 15 minutes per door.

**The only tools required for installation are:**

- 1) Drill
- 2) 5/8" or 3/4" hole saw (*or drill bit*)
- 3) 5/16" drill bit for drill (*Cobalt bits recommended*)
- 4) Metal cutting saw and blades (*or power shears*)
- 5a) (2)-1/2" or 3/4" long self-drilling, self tapping screws (#10 recommended)
- 5b) (1)-power driver bit for self-drilling screws (*This allows front panel to act as a template and a guide. Keeps bit from wandering.*)



**The contents of this package are:**

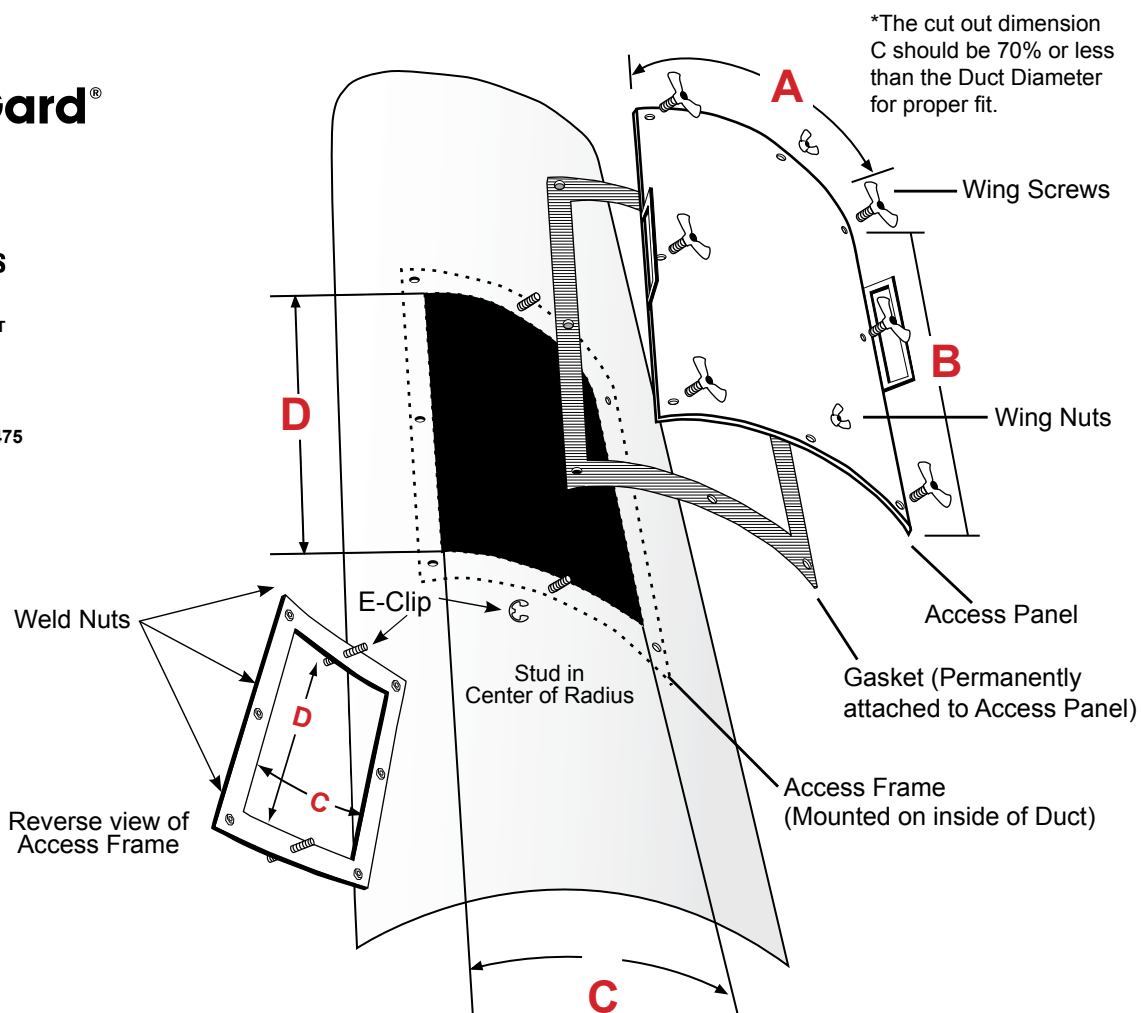
- 1) Access door cover (Front Panel)
  - 2) Access door frame (Back Frame)
  - 3) 1/4" Wing nuts for each stud
  - 4) "E"-Clips for each stud
  - 5) Wing screws
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1. Select best location on the exhaust duct or the blower housing you need to access.
  2. For grease ducts or blower housings with reduced clearance wraps, the outer insulation must be trimmed back to expose a seamless wall of the duct or housing slightly larger than the access door itself.
  3. Remove the cover plate from the grease duct access door frame and affix it to the location you selected in step one by using two 5/16" self-drilling, self-tapping screws (not included) at two of the four corner holes on the panel cover.
  4. Using the cover plate as a template, drill out the mounting holes for the panel studs using a 5/16" drill bit. Remove the two self-tapping screws when complete.
  5. Affix the back frame to the duct with studs facing out by reusing the self tapping screws, using a marker trace inside of the back frame. Remove self tapping screws and back frame. Where those screws were, drill two holes with your 5/16" drill bit.
  6. Using a hole saw, make two 5/8" pilot holes at opposite corners of the lines you just traced on the duct for easier saw access.
  7. Using a reciprocating saw make two straight cuts from each of the hole saw holes. Cut just outside of the trace marks, to other traced corner. Extract the plate from the interior of the duct or blower housing. (*Cutting to the outside allows the cut edge to be behind the finished back frame and prevents cuts when using panel.*)
  8. Insert the curved frame into the hole, pulling the two mounting studs on the back frame through the center holes on the mounting pattern. Install "E"-clips onto the two studs to prevent the back frame from dropping into the duct while the front panel is removed. Install and tighten wing nuts onto the two protruding studs after installing the door.
  9. Install the (wing screws) through the holes in the front panel and thread into the tapped holes in the back frame. Tighten securely.
  10. If prior to installation, you removed reduced clearance wrap from the surface, you'll need to cover the access panel. To do this, employ two layers of the same material used for the reduced clearance insulation and follow the directions provided for insulating access cover plate. You will need additional hardware to attach the insulation blankets during this step. (not provided)



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NFPA #96  
FILE No. MH16475



MODEL NO.	PANEL OUTSIDE DIMENSIONS Inches (mm)		HOLE SIZE Inches (mm)	
	A	B	C*	D
750505-C	6.56" (167mm)	6.75" (171mm)	5.06" (129mm)	5.25" (133mm)
750511-C	6.50" (165mm)	12.75" (324mm)	5.00" (127mm)	11.25" (286mm)
750517-C	6.50" (165mm)	18.75" (476mm)	5.00" (127mm)	17.25" (438mm)
750808-C	9.50" (241mm)	9.75" (248mm)	8.00" (203mm)	8.25" (210mm)
750811-C	9.50" (241mm)	12.75" (324mm)	8.00" (203mm)	11.25" (286mm)
750817-C	9.50" (241mm)	18.75" (476mm)	8.00" (203mm)	17.25" (438mm)
750823-C	9.50" (241mm)	24.75" (629mm)	8.00" (203mm)	23.25" (591mm)
751117-C	12.50" (318mm)	18.75" (476mm)	11.00" (279mm)	17.25" (438mm)
751123-C	12.50" (318mm)	24.75" (629mm)	11.00" (279mm)	23.25" (591mm)
751717-C	18.50" (470mm)	18.75" (476mm)	17.00" (432mm)	17.25" (438mm)
751723-C	18.50" (470mm)	24.75" (629mm)	17.00" (432mm)	23.25" (591mm)