GSIGROUP

Plenum Door Installation Instructions

The plenum door kit (MIS-6700) is an option for a grain storage bin with full floor aeration. It is used as access for cleaning the floor.

Follow the procedure given below to install the plenum door on the storage bin.

- 1. The plenum door must be installed on the bottom ring across from the fan between stiffeners where there is no vertical seam.
- 2. Place the plenum door on the foundation and mark the portion of the sidewall to be cut out. (See Figure 1.)

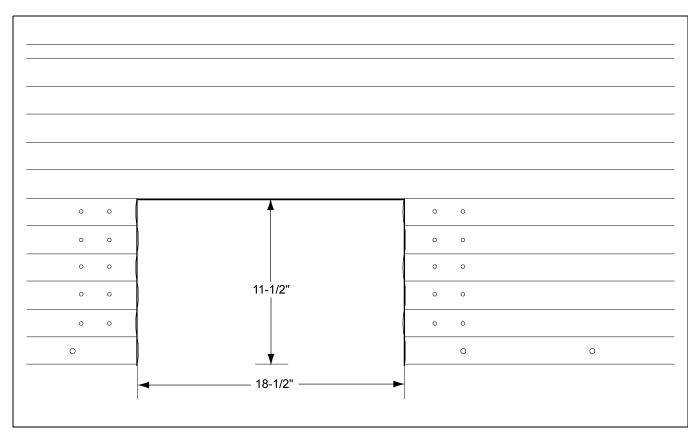


Figure 1

- 3. Cut out the side wall sheet and base angle, and field drill holes of diameter 7/16". (See Figure 1.)

 NOTE: The cut out base angle should be installed above the plenum door assembly.
- 4. Apply the sealant around the plenum door assembly (A).
- 5. Insert the plenum door (A) into the cut out with the attachment plates (B) inside the sidewall.
- 6. Secure the plenum door (A) to the sidewall with ten (10) bolts (C) and nuts (D) on each side of the opening.



Plenum Door Installation Instructions (Continued)

- 7. Install the cut out base angle above the plenum door (A).
- 8. Apply the seal (E) around the outside edges of the plenum door (A) as shown in Figure 2.
- 9. Install the panel (F) to the plenum door (A) with ten (10) bolts (C) and neoprene washers.

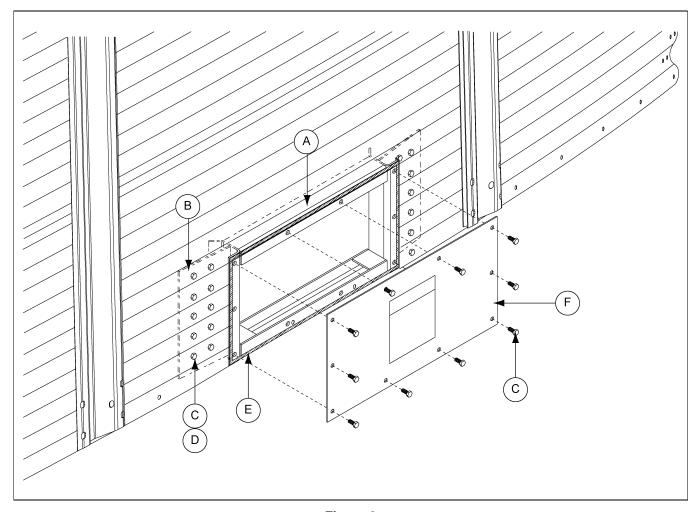


Figure 2

Ref #	Part #	Description
Α	MIS-6699	Plenum Door Assembly
В		Attachment Plate
С	S-277	Bolt, HH Bin 5/16"-18 x 1-1/4" YDP Grade 5
D	S-396	Hex Nut 5/16"-18 YDP Grade 2
Е	S-2052	Strip, Foam 1/8" TH. x 1/2" Wide Weather in Rolls 75' Per Roll
F		Plenum Door Panel

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