



Inspection Door

Installation Guide & Drawing

1. If installing a new door in place of an old door, remove old door frame and hinges and grind area smooth. If installing a new door in a new location, determine location and cut hole $\frac{1}{2}$ " larger than inside opening of door frame on all sides.
2. Remove lid from hinges and place door frame over the hole and hold in place. Check to make sure the doorframe fits as tight as possible against the chute. If the chute is warped it may be necessary to straighten the chute in order to obtain a satisfactory fit between the door frame and the chute. Never weld one side of the door frame and pull in the other side with a clamp to obtain a close fit. This may warp the door frame and not allow the door to seal properly.
3. After a proper fit is obtained, full weld all four angled corners of the doorframe. Door frame sides that are less than 16" should be welded with one 3" stitch weld centered between corners. Door frame sides that are 16"-24" should be welded with two 3" stitch welds centered between corners and frames over 24" welded with three 3" stitch welds. **Note: Do not full weld door frames, this will cause warping and the door will not seal.**
4. After the door frame is welded and cooled, a bead of 100 percent silicone should be applied around the door frame to ensure an airtight seal.
5. It is recommended that before the lids are placed back on hinges a lubricating oil or anti-seize be applied to the hinges. This will allow for easier removal of the lid if necessary.

Note: These are typical installation guidelines and should be followed. However, these guidelines may have to be modified at times to allow for the variances in chute designs. Each job has to be examined to determine the appropriate installation guidelines.