

Air / Gastight Single Swing Door Questionnaire

If pressure (positive or negative) is to be applied to both sides of door system, complete every question. If pressure (positive or negative) is to be applied to one side, complete the applicable line item under each question.

1. a. What type of gas is on positive pressure side of door? Gas/air _____ or Other _____
 b. What type of gas is on negative pressure side of door? Gas/air _____ or Other _____
 If Other, please explain:

2. a. What is pressure on positive side of door? _____ PSF _____ inch water gauge
 b. What is pressure on negative side of door? _____ PSF _____ inch water gauge.

3. a. Does pressure seat the door into the frame? _____
 b. Does pressure unseat the door against the hardware? _____
 If pressure is applied to both sides of door system, explain which pressure: _____

4. Is pressure loading continuous? _____

5. a. Will pressure differential ever be applied against opposing faces of the door? _____ If so, explain applicable pressures: _____
 b. Will normally negative pressure side of door ever become the positive pressure side of the door through pressure differential transfer? _____ If so, provide data on pressures, frequency, etc.

6. What is allowable leakage rate? _____ cfm at _____ inch water gauge or _____ PSI per linear foot _____ of perimeter seal.

7. Measurement test method:
 a. Soap bubble: Specify pressure _____ time period _____ or
 b. Factory test per ASTM E-283. _____

8. Is a spare set of seals required? _____

9. Is compressed air available if inflatable seals are required? _____

10. Specify door size(s):
 Mark No. _____: _____ wide x _____ high
 Mark No. _____: _____ wide x _____ high
 Mark No. _____: _____ wide x _____ high
 Mark No. _____: _____ wide x _____ high

11. Attach floor plan with this questionnaire.