

Aspire Series™

Opening Specifications

Inswing French Door (7502) - Standard Sill

WEATHER SHIELD.

WINDOWS & DOORS

| Ordering Size | Sq. Ft. Clear Opening | | Clear Opening ^a | | | Sq. Ft. Daylight Opening | | | Sq. Ft. Vent | | Sq. Ft. Overall Unit Area ^b |
|---------------|-----------------------|----------------|----------------------------|----------------|--------|--------------------------|-----------------|-----------------|---------------|----------------|--|
| | 1 Oper. Panel | 2 Oper. Panels | Width | | Height | 7-1/2" Bottom Rail | 10" Bottom Rail | 12" Bottom Rail | 1 Oper. Panel | 2 Oper. Panels | |
| | | | 1 Oper. Panel | 2 Oper. Panels | | | | | | | |
| 2-1 x 6-8 | 10.40 | --- | 19.66 | --- | 76.18 | 5.45 | 5.24 | 5.07 | 10.40 | --- | 13.43 |
| 2-7 x 6-8 | 13.58 | --- | 25.66 | --- | 76.18 | 8.12 | 7.80 | 7.55 | 13.58 | --- | 16.74 |
| 2-9 x 6-8 | 14.63 | --- | 27.66 | --- | 76.18 | 9.00 | 8.65 | 8.37 | 14.63 | --- | 17.85 |
| 3-1 x 6-8 | 16.75 | --- | 31.66 | --- | 76.18 | 10.78 | 10.36 | 10.02 | 16.75 | --- | 20.06 |
| 3-2 x 6-8 | 17.41 | --- | 32.91 | --- | 76.18 | 11.34 | 10.89 | 10.54 | 17.41 | --- | 20.75 |
| 4-0 x 6-8 | 10.25 | 21.55 | 19.38 | 40.73 | 76.18 | 10.90 | 10.48 | 10.14 | 10.25 | 21.55 | 26.10 |
| 5-0 x 6-8 | 13.43 | 27.89 | 25.38 | 52.73 | 76.18 | 16.24 | 15.60 | 15.10 | 13.43 | 27.89 | 32.72 |
| 5-4 x 6-8 | 14.48 | 30.01 | 27.38 | 56.73 | 76.18 | 18.00 | 17.30 | 16.74 | 14.48 | 30.01 | 34.93 |
| 6-0 x 6-8 | 16.60 | 34.24 | 31.38 | 64.73 | 76.18 | 21.56 | 20.72 | 20.04 | 16.60 | 34.24 | 39.35 |
| 6-2 x 6-8 | 17.24 | 35.53 | 32.60 | 67.16 | 76.18 | 22.68 | 21.78 | 21.08 | 17.24 | 35.53 | 40.70 |
| 2-1 x 6-10 | 10.74 | --- | 19.66 | --- | 78.68 | 5.67 | 5.45 | 5.28 | 10.74 | --- | 13.85 |
| 2-7 x 6-10 | 14.02 | --- | 25.66 | --- | 78.68 | 8.43 | 8.12 | 7.86 | 14.02 | --- | 17.27 |
| 2-9 x 6-10 | 15.11 | --- | 27.66 | --- | 78.68 | 9.36 | 9.00 | 8.72 | 15.11 | --- | 18.41 |
| 3-1 x 6-10 | 17.30 | --- | 31.66 | --- | 78.68 | 11.20 | 10.78 | 10.44 | 17.30 | --- | 20.69 |
| 3-2 x 6-10 | 17.98 | --- | 32.91 | --- | 78.68 | 11.78 | 11.34 | 10.98 | 17.98 | --- | 21.40 |
| 4-0 x 6-10 | 10.59 | 22.25 | 19.38 | 40.73 | 78.68 | 11.34 | 10.90 | 10.56 | 10.59 | 22.25 | 26.92 |
| 5-0 x 6-10 | 13.87 | 28.81 | 25.38 | 52.73 | 78.68 | 16.86 | 16.24 | 15.72 | 13.87 | 28.81 | 33.75 |
| 5-4 x 6-10 | 14.96 | 30.99 | 27.38 | 56.73 | 78.68 | 18.72 | 18.00 | 17.44 | 14.96 | 30.99 | 36.03 |
| 6-0 x 6-10 | 17.14 | 35.37 | 31.38 | 64.73 | 78.68 | 22.40 | 21.56 | 20.88 | 17.14 | 35.37 | 40.59 |
| 6-2 x 6-10 | 17.81 | 36.70 | 32.60 | 67.16 | 78.68 | 23.56 | 22.68 | 21.96 | 17.81 | 36.70 | 41.98 |
| 2-1 x 7-2 | 11.29 | --- | 19.66 | --- | 82.68 | 6.01 | 5.79 | 5.62 | 11.29 | --- | 14.53 |
| 2-7 x 7-2 | 14.73 | --- | 25.66 | --- | 82.68 | 8.94 | 8.62 | 8.37 | 14.73 | --- | 18.11 |
| 2-9 x 7-2 | 15.88 | --- | 27.66 | --- | 82.68 | 9.92 | 9.57 | 9.29 | 15.88 | --- | 19.30 |
| 3-1 x 7-2 | 18.18 | --- | 31.66 | --- | 82.68 | 11.88 | 11.46 | 11.12 | 18.18 | --- | 21.69 |
| 3-2 x 7-2 | 18.90 | --- | 32.91 | --- | 82.68 | 12.49 | 12.05 | 11.69 | 18.90 | --- | 22.44 |
| 4-0 x 7-2 | 11.13 | 23.38 | 19.38 | 40.73 | 82.68 | 12.02 | 11.58 | 11.24 | 11.13 | 23.38 | 28.23 |
| 5-0 x 7-2 | 14.57 | 30.27 | 25.38 | 52.73 | 82.68 | 17.88 | 17.24 | 16.74 | 14.57 | 30.27 | 35.40 |
| 5-4 x 7-2 | 15.72 | 32.57 | 27.38 | 56.73 | 82.68 | 19.84 | 19.14 | 18.58 | 15.72 | 32.57 | 37.79 |
| 6-0 x 7-2 | 18.02 | 37.16 | 31.38 | 64.73 | 82.68 | 23.76 | 22.92 | 22.24 | 18.02 | 37.16 | 42.57 |
| 6-2 x 7-2 | 18.72 | 38.56 | 32.60 | 67.16 | 82.68 | 24.98 | 24.10 | 23.38 | 18.72 | 38.56 | 44.02 |
| 2-1 x 8-0 | 12.65 | --- | 19.66 | --- | 92.68 | 6.86 | 6.65 | 6.48 | 12.65 | --- | 16.21 |
| 2-7 x 8-0 | 16.52 | --- | 25.66 | --- | 92.68 | 10.21 | 9.89 | 9.64 | 16.52 | --- | 20.21 |
| 2-9 x 8-0 | 17.80 | --- | 27.66 | --- | 92.68 | 11.33 | 10.98 | 10.70 | 17.80 | --- | 21.55 |
| 3-1 x 8-0 | 20.38 | --- | 31.66 | --- | 92.68 | 13.56 | 13.14 | 12.80 | 20.38 | --- | 24.22 |
| 3-2 x 8-0 | 21.18 | --- | 32.91 | --- | 92.68 | 14.26 | 13.82 | 13.46 | 21.18 | --- | 25.05 |
| 4-0 x 8-0 | 12.47 | 26.21 | 19.38 | 40.73 | 92.68 | 13.72 | 13.30 | 12.96 | 12.47 | 26.21 | 31.51 |
| 5-0 x 8-0 | 16.33 | 33.94 | 25.38 | 52.73 | 92.68 | 20.42 | 19.78 | 19.28 | 16.33 | 33.94 | 39.51 |
| 5-4 x 8-0 | 17.62 | 36.51 | 27.38 | 56.73 | 92.68 | 22.66 | 21.96 | 21.40 | 17.62 | 36.51 | 42.18 |
| 6-0 x 8-0 | 20.20 | 41.66 | 31.38 | 64.73 | 92.68 | 27.12 | 26.28 | 25.60 | 20.20 | 41.66 | 47.52 |
| 6-2 x 8-0 | 20.98 | 43.23 | 32.60 | 67.16 | 92.68 | 28.52 | 27.64 | 26.92 | 20.98 | 43.23 | 49.14 |

^a All calculations assume operating panel is open 90 degrees.

^b Sq. Ft. Overall Unit Area is calculated on the jamb dimension.

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Opening Specifications

Inswing French Door (7502) - ADA Sill

WEATHER SHIELD.

WINDOWS & DOORS

| Ordering Size | Sq. Ft. Clear Opening | | Clear Opening ^a | | | Sq. Ft. Daylight Opening | | | Sq. Ft. Vent | | Sq. Ft. Overall Unit Area ^b |
|---------------|-----------------------|----------------|----------------------------|----------------|--------|--------------------------|-----------------|-----------------|---------------|----------------|--|
| | 1 Oper. Panel | 2 Oper. Panels | Width | | Height | 7-1/2" Bottom Rail | 10" Bottom Rail | 12" Bottom Rail | 1 Oper. Panel | 2 Oper. Panels | |
| | | | 1 Oper. Panel | 2 Oper. Panels | | | | | | | |
| 2-1 x 6-8 | 10.45 | --- | 19.77 | --- | 76.14 | 5.45 | 5.24 | 5.07 | 10.45 | --- | 13.17 |
| 2-7 x 6-8 | 13.62 | --- | 25.77 | --- | 76.14 | 8.12 | 7.80 | 7.55 | 13.62 | --- | 16.43 |
| 2-9 x 6-8 | 14.68 | --- | 27.77 | --- | 76.14 | 9.00 | 8.65 | 8.37 | 14.68 | --- | 17.51 |
| 3-1 x 6-8 | 16.80 | --- | 31.77 | --- | 76.14 | 10.78 | 10.36 | 10.02 | 16.80 | --- | 19.68 |
| 3-2 x 6-8 | 17.46 | --- | 33.02 | --- | 76.14 | 11.34 | 10.89 | 10.54 | 17.46 | --- | 20.35 |
| 4-0 x 6-8 | 10.25 | 21.50 | 19.38 | 40.66 | 76.14 | 10.90 | 10.48 | 10.14 | 10.25 | 21.50 | 25.60 |
| 5-0 x 6-8 | 13.42 | 27.84 | 25.38 | 52.66 | 76.14 | 16.24 | 15.60 | 15.10 | 13.42 | 27.84 | 32.11 |
| 5-4 x 6-8 | 14.48 | 29.96 | 27.38 | 56.66 | 76.14 | 18.00 | 17.30 | 16.74 | 14.48 | 29.96 | 34.27 |
| 6-0 x 6-8 | 16.59 | 34.19 | 31.38 | 64.66 | 76.14 | 21.56 | 20.72 | 20.04 | 16.59 | 34.19 | 38.61 |
| 6-2 x 6-8 | 17.24 | 35.48 | 32.60 | 67.09 | 76.14 | 22.68 | 21.78 | 21.08 | 17.24 | 35.48 | 39.93 |
| 2-1 x 6-10 | 10.79 | --- | 19.77 | --- | 78.64 | 5.67 | 5.45 | 5.28 | 10.79 | --- | 13.60 |
| 2-7 x 6-10 | 14.07 | --- | 25.77 | --- | 78.64 | 8.43 | 8.12 | 7.86 | 14.07 | --- | 16.95 |
| 2-9 x 6-10 | 15.16 | --- | 27.77 | --- | 78.64 | 9.36 | 9.00 | 8.72 | 15.16 | --- | 18.07 |
| 3-1 x 6-10 | 17.35 | --- | 31.77 | --- | 78.64 | 11.20 | 10.78 | 10.44 | 17.35 | --- | 20.31 |
| 3-2 x 6-10 | 18.03 | --- | 33.02 | --- | 78.64 | 11.78 | 11.34 | 10.98 | 18.03 | --- | 21.01 |
| 4-0 x 6-10 | 10.58 | 22.20 | 19.38 | 40.66 | 78.64 | 11.34 | 10.90 | 10.56 | 10.58 | 22.20 | 26.42 |
| 5-0 x 6-10 | 13.86 | 28.76 | 25.38 | 52.66 | 78.64 | 16.86 | 16.24 | 15.72 | 13.86 | 28.76 | 33.14 |
| 5-4 x 6-10 | 14.95 | 30.94 | 27.38 | 56.66 | 78.64 | 18.72 | 18.00 | 17.44 | 14.95 | 30.94 | 35.37 |
| 6-0 x 6-10 | 17.14 | 35.31 | 31.38 | 64.66 | 78.64 | 22.40 | 21.56 | 20.88 | 17.14 | 35.31 | 39.85 |
| 6-2 x 6-10 | 17.80 | 36.64 | 32.60 | 67.09 | 78.64 | 23.56 | 22.68 | 21.96 | 17.80 | 36.64 | 41.21 |
| 2-1 x 7-2 | 11.34 | --- | 19.77 | --- | 82.64 | 6.01 | 5.79 | 5.62 | 11.34 | --- | 14.27 |
| 2-7 x 7-2 | 14.79 | --- | 25.77 | --- | 82.64 | 8.94 | 8.62 | 8.37 | 14.79 | --- | 17.79 |
| 2-9 x 7-2 | 15.93 | --- | 27.77 | --- | 82.64 | 9.92 | 9.57 | 9.29 | 15.93 | --- | 18.97 |
| 3-1 x 7-2 | 18.23 | --- | 31.77 | --- | 82.64 | 11.88 | 11.46 | 11.12 | 18.23 | --- | 21.32 |
| 3-2 x 7-2 | 18.95 | --- | 33.02 | --- | 82.64 | 12.49 | 12.05 | 11.69 | 18.95 | --- | 22.05 |
| 4-0 x 7-2 | 11.12 | 23.33 | 19.38 | 40.66 | 82.64 | 12.02 | 11.58 | 11.24 | 11.12 | 23.33 | 27.74 |
| 5-0 x 7-2 | 14.56 | 30.22 | 25.38 | 52.66 | 82.64 | 17.88 | 17.24 | 16.74 | 14.56 | 30.22 | 34.78 |
| 5-4 x 7-2 | 15.71 | 32.51 | 27.38 | 56.66 | 82.64 | 19.84 | 19.14 | 18.58 | 15.71 | 32.51 | 37.13 |
| 6-0 x 7-2 | 18.01 | 37.11 | 31.38 | 64.66 | 82.64 | 23.76 | 22.92 | 22.24 | 18.01 | 37.11 | 41.83 |
| 6-2 x 7-2 | 18.71 | 38.50 | 32.60 | 67.09 | 82.64 | 24.98 | 24.10 | 23.38 | 18.71 | 38.50 | 43.26 |
| 2-1 x 8-0 | 12.72 | --- | 19.77 | --- | 92.64 | 6.86 | 6.65 | 6.48 | 12.72 | --- | 15.96 |
| 2-7 x 8-0 | 16.58 | --- | 25.77 | --- | 92.64 | 10.21 | 9.89 | 9.64 | 16.58 | --- | 19.90 |
| 2-9 x 8-0 | 17.86 | --- | 27.77 | --- | 92.64 | 11.33 | 10.98 | 10.70 | 17.86 | --- | 21.21 |
| 3-1 x 8-0 | 20.44 | --- | 31.77 | --- | 92.64 | 13.56 | 13.14 | 12.80 | 20.44 | --- | 23.84 |
| 3-2 x 8-0 | 21.24 | --- | 33.02 | --- | 92.64 | 14.26 | 13.82 | 13.46 | 21.24 | --- | 24.66 |
| 4-0 x 8-0 | 12.47 | 26.16 | 19.38 | 40.66 | 92.64 | 13.72 | 13.30 | 12.96 | 12.47 | 26.16 | 31.02 |
| 5-0 x 8-0 | 16.33 | 33.88 | 25.38 | 52.66 | 92.64 | 20.42 | 19.78 | 19.28 | 16.33 | 33.88 | 38.90 |
| 5-4 x 8-0 | 17.61 | 36.45 | 27.38 | 56.66 | 92.64 | 22.66 | 21.96 | 21.40 | 17.61 | 36.45 | 41.52 |
| 6-0 x 8-0 | 20.19 | 41.60 | 31.38 | 64.66 | 92.64 | 27.12 | 26.28 | 25.60 | 20.19 | 41.60 | 46.77 |
| 6-2 x 8-0 | 20.97 | 43.16 | 32.60 | 67.09 | 92.64 | 28.52 | 27.64 | 26.92 | 20.97 | 43.16 | 48.37 |

^a All calculations assume operating panel is open 90 degrees.

^b Sq. Ft. Overall Unit Area is calculated on the jamb dimension.