



**StormForce**  
SERIES

**STORMFORCE (IP) PICTURE/DIRECT SET WINDOW ELEVATIONS**

**1 3/8" (35 MM) FRAME PICTURE/DIRECT SET WINDOWS**

Rough Opening	in.	16 1/2	20 7/16	24 3/8	28 5/16	30 1/4	32 1/4	36 3/16						
		mm	419	519	619	719	769	819	919					
Unit O.S.M.	in.	15 3/4	19 11/16	23 5/8	27 9/16	29 1/2	31 1/2	35 7/16						
		mm	400	500	600	700	750	800	900					
16 1/2	419	15 3/4	400								11 5/8	296	12 3/4	324
20 7/16	519	19 11/16	500								15 9/16	396	16 11/16	424
24 3/8	619	23 5/8	600								19 1/2	496	20 5/8	524
28 5/16	719	27 9/16	700								23 7/16	596	24 9/16	624
30 1/4	769	29 1/2	750								25 7/16	646	26 9/16	674
32 1/4	819	31 1/2	800								27 3/8	696	28 1/2	724
				in.	11 5/8	15 9/16	19 1/2	23 7/16	25 7/16	27 3/8	31 5/16		Visible Glass	
				mm	296	396	496	596	646	696	796		Glass Size	
				in.	12 3/4	16 11/16	20 5/8	24 9/16	26 1/2	28 1/2	32 7/16			
				mm	324	424	524	624	674	724	824			

**Note:** Grille pattern dependent on grille type.

- ▲ 9.3 SGP (Inboard)
- 12.8 SGP Annealed (Inboard)
- 12.8 SGP Heat strengthened (Inboard)

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**STORMFORCE (IP) PICTURE/DIRECT SET WINDOW ELEVATIONS**

**1 3/8" (35 MM) FRAME PICTURE/DIRECT SET WINDOWS**

Rough Opening	in.	40 1/8	48	55 7/8	59 13/16	63 3/4	
	mm	1019	1219	1419	1519	1619	
Unit O.S.M.	in.	39 3/8	47 1/4	55 1/8	59 1/16	63	
	mm	1000	1200	1400	1500	1600	
16 1/2 419	15 3/4 400						11 5/8 296
		PS1 1004 ▲ ■ ●	PS1 1204 ▲ ■ ●	PS1 1404 ▲ ■ ●	PS1 1504 ▲ ■ ●	PS1 1604 ▲ ■ ●	12 3/4 324
20 7/16 519	19 11/16 500						15 9/16 396
		PS1 1005 ▲ ■ ●	PS1 1205 ▲ ■ ●	PS1 1405 ▲ ■ ●	PS1 1505 ▲ ■ ●	PS1 1605 ▲ ■ ●	16 11/16 424
24 3/8 619	23 5/8 600						19 1/2 496
		PS1 1006 ▲ ■ ●	PS1 1206 ▲ ■ ●	PS1 1406 ▲ ■ ●	PS1 1506 ▲ ■ ●	PS1 1606 ▲ ■ ●	20 5/8 524
28 5/16 719	27 9/16 700						23 7/16 596
		PS1 1007 ▲ ■ ●	PS1 1207 ▲ ■ ●	PS1 1407 ▲ ■ ●	PS1 1507 ▲ ■ ●	PS1 1607 ▲ ■ ●	24 9/16 624
30 1/4 769	29 1/2 750						25 7/16 646
		PS1 1075 ▲ ■ ●	PS1 1275 ▲ ■ ●	PS1 1475 ▲ ■ ●	PS1 1575 ▲ ■ ●	PS1 1675 ■ ●	26 9/16 674
32 1/4 819	31 1/2 800						27 3/8 696
		PS1 1008 ▲ ■ ●	PS1 1208 ▲ ■ ●	PS1 1408 ▲ ■ ●	PS1 1508 ■ ●	PS1 1608 ■ ●	28 1/2 724
		in. 35 1/4 mm 896	43 1/8 1096	51 1296	54 15/16 1396	58 7/8 1496	Visible Glass
		in. 36 3/8 mm 924	44 1/4 1124	52 1/8 1324	56 1/16 1424	60 1524	Glass Size

**Note:** Grille pattern dependent on grille type.

- ▲ 9.3 SGP (Inboard)
- 12.8 SGP Annealed (Inboard)
- 12.8 SGP Heat strengthened (Inboard)

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STORMFORCE (IP) PICTURE/DIRECT SET WINDOW ELEVATIONS

1 3/8" (35 MM) FRAME PICTURE/DIRECT SET WINDOWS CONT.

Rough Opening	in.	40 1/8	48	55 7/8	59 13/16	63 3/4					
	mm	1019	1219	1419	1519	1619					
Unit O.S.M.	in.	39 3/8	47 1/4	55 1/8	59 1/16	63					
	mm	1000	1200	1400	1500	1600					
36 3/16 919	35 7/16 900						31 5/16 796	32 7/16 824			
	PS1 1009	▲ ■ ●	PS1 1209	▲ ■ ●	PS1 1409	■ ●	PS1 1509	■ ●	PS1 1609	■ ●	
	40 1/8 1019	39 3/8 1000						35 1/4 896	36 3/8 924		
		PS1 1010	▲ ■ ●	PS1 1210	■ ●	PS1 1410	■ ●	PS1 1510	■ ●	PS1 1610	■ ●
		48 1219	47 1/4 1200						43 1/8 1096	44 1/4 1124	
PS1 1012			■ ●	PS1 1212	■ ●	PS1 1412	■ ●	PS1 1512	■ ●	PS1 1612	■ ●
55 7/8 1419			55 1/8 1400						51 1296	52 1/8 1324	
	PS1 1014		■ ●	PS1 1214	■ ●	PS1 1414	■ ●	PS1 1514	■ ●	PS1 1614	●
	59 13/16 1519		59 1/16 1500						54 15/16 1396	56 1/16 1424	
		PS1 1015	■ ●	PS1 1215	■ ●	PS1 1415	■ ●	PS1 1515	●	PS1 1615	●
		in.	35 1/4	43 1/8	51	54 15/16	58 7/8	Visible Glass	Glass Size		
mm		896	1096	1296	1396	1496					
in.		36 3/8	44 1/4	52 1/8	56 1/16	60	Glass Size	Glass Size			
mm	924	1124	1324	1424	1524						

Note: Grille pattern dependent on grille type.

- ▲ 9.3 SGP (Inboard)
- 12.8 SGP Annealed (Inboard)
- 12.8 SGP Heat strengthened (Inboard)



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**STORMFORCE (IP) PICTURE/DIRECT SET WINDOW ELEVATIONS**

**1 3/8" (35 MM) FRAME PICTURE/DIRECT SET WINDOWS**

Rough Opening	in.	71 5/8	79 1/2	83 7/16	95 1/4		
	mm	1819	2019	2119	2419		
Unit O.S.M.	in.	70 7/8	78 3/4	82 11/16	94 1/2		
	mm	1800	2000	2100	2400		
16 1/2 419	15 3/4 400	 PS1 1804 ▲ ■ ●	 PS1 2004 ▲ ■ ●	 PS1 2104 ▲ ■ ●	 PS1 2404 ▲ ■ ●	11 5/8 296	12 3/4 324
20 7/16 519	19 11/16 500	 PS1 1805 ▲ ■ ●	 PS1 2005 ▲ ■ ●	 PS1 2105 ▲ ■ ●	 PS1 2405 ▲ ■ ●	15 9/16 396	16 11/16 424
24 3/8 619	23 5/8 600	 PS1 1806 ▲ ■ ●	 PS1 2006 ▲ ■ ●	 PS1 2106 ■ ●	 PS1 2406 ■ ●	19 1/2 496	20 5/8 524
28 5/16 719	27 9/16 700	 PS1 1807 ■ ●	 PS1 2007 ■ ●	 PS1 2107 ■ ●	 PS1 2407 ■ ●	23 7/16 596	24 9/16 624
30 1/4 769	29 1/2 750	 PS1 1875 ■ ●	 PS1 2075 ■ ●	 PS1 2175 ■ ●	 PS1 2475 ■ ●	25 7/16 646	26 9/16 674
32 1/4 819	31 1/2 800	 PS1 1808 ■ ●	 PS1 2008 ■ ●	 PS1 2108 ■ ●	 PS1 2408 ■ ●	27 3/8 696	28 1/2 724
		in. 66 3/4	74 5/8	78 9/16	90 3/8	Visible Glass	
		mm 1696	1896	1996	2296		
		in. 67 7/8	75 3/4	79 11/16	91 1/2	Glass Size	
		mm 1724	1924	2024	2324		

**Note:** Grille pattern dependent on grille type.

- ▲ 9.3 SGP (Inboard)
- 12.8 SGP Annealed (Inboard)
- 12.8 SGP Heat strengthened (Inboard)

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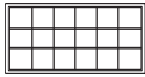
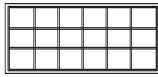
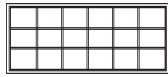
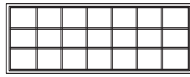

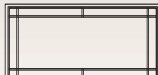
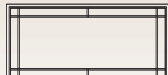
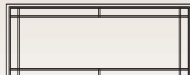
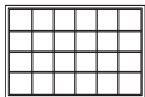
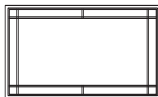


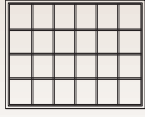
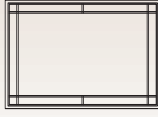
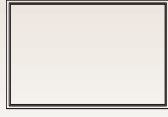
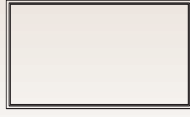
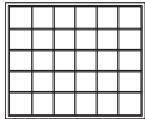
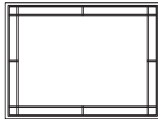


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STORMFORCE (IP) PICTURE/DIRECT SET WINDOW ELEVATIONS

1 3/8" (35 MM) FRAME PICTURE/DIRECT SET WINDOWS CONT.

Rough Opening	in.	71 5/8	79 1/2	83 7/16	95 1/4
	mm	1819	2019	2119	2419
Unit	in.	70 7/8	78 3/4	82 11/16	94 1/2
O.S.M.	mm	1800	2000	2100	2400
36 3/16	919				
	35 7/16	900			
					31 5/16
					796
					32 7/16
					824
40 1/8	1019				
	39 3/8	1000			
					35 1/4
					896
					36 3/8
					924
48	1219				
	47 1/4	1200			
					43 1/8
					1096
					44 1/4
					1124
55 7/8	1419				
	55 1/8	1400			
					51
					1296
					52 1/8
					1324
59 13/16	1519				
	59 1/16	1500			
					54 15/16
					1396
					56 1/16
					1424
					Visible Glass
	in.	66 3/4	74 5/8	78 9/16	90 3/8
	mm	1696	1896	1996	2296
	in.	67 7/8	75 3/4	79 11/16	91 1/2
	mm	1724	1924	2024	2324
					Glass Size

Note: Grille pattern dependent on grille type.

- 12.8 SGP Annealed (Inboard)
- 12.8 SGP Heat strengthened (Inboard)



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