

Egress Calculator																		Height of window as drawn on CAD	11.500	
																		Width of window as drawn on CAD	24.000	
Product Model		444.725CA																Clear opening height as drawn on CAD	5.195	
Product Description		444725 Casement																Clear opening width as drawn on CAD	12.347	
Notes		Radisson Ind - Using 13" Adjustable Hinge																Egress Width Equation	W - 11.61	
																			Egress Height Equation	H - 6.305

Square foot clear opening

Height	Width															
	32	32 1/2	33	33 1/2	34	34 1/2	35	35 1/2	36	36 1/2	37	37 1/2	38	38 1/2	39	39 1/2
40	4.76	4.88	5.00	5.11	5.23	5.35	5.46	5.58	5.70	5.81	5.93	6.05	6.17	6.28	6.40	6.52
40 1/2	4.83	4.95	5.07	5.19	5.31	5.43	5.54	5.66	5.78	5.90	6.02	6.14	6.26	6.38	6.49	6.61
41	4.90	5.02	5.14	5.26	5.38	5.50	5.63	5.75	5.87	5.99	6.11	6.23	6.35	6.47	6.59	6.71
41 1/2	4.97	5.10	5.22	5.34	5.46	5.58	5.71	5.83	5.95	6.07	6.20	6.32	6.44	6.56	6.68	6.81
42	5.04	5.17	5.29	5.42	5.54	5.66	5.79	5.91	6.04	6.16	6.28	6.41	6.53	6.65	6.78	6.90
42 1/2	5.11	5.24	5.37	5.49	5.62	5.74	5.87	5.99	6.12	6.25	6.37	6.50	6.62	6.75	6.87	7.00
43	5.18	5.31	5.44	5.57	5.69	5.82	5.95	6.08	6.20	6.33	6.46	6.59	6.71	6.84	6.97	7.10
43 1/2	5.26	5.38	5.51	5.64	5.77	5.90	6.03	6.16	6.29	6.42	6.55	6.68	6.81	6.93	7.06	7.19
44	5.33	5.46	5.59	5.72	5.85	5.98	6.11	6.24	6.37	6.50	6.64	6.77	6.90	7.03	7.16	7.29
44 1/2	5.40	5.53	5.66	5.79	5.93	6.06	6.19	6.33	6.46	6.59	6.72	6.86	6.99	7.12	7.25	7.39
45	5.47	5.60	5.74	5.87	6.00	6.14	6.27	6.41	6.54	6.68	6.81	6.95	7.08	7.21	7.35	7.48
45 1/2	5.54	5.67	5.81	5.95	6.08	6.22	6.35	6.49	6.63	6.76	6.90	7.04	7.17	7.31	7.44	7.58
46	5.61	5.75	5.88	6.02	6.16	6.30	6.44	6.57	6.71	6.85	6.99	7.12	7.26	7.40	7.54	7.68
46 1/2	5.68	5.82	5.96	6.10	6.24	6.38	6.52	6.66	6.80	6.94	7.08	7.21	7.35	7.49	7.63	7.77
47	5.75	5.89	6.03	6.17	6.32	6.46	6.60	6.74	6.88	7.02	7.16	7.30	7.45	7.59	7.73	7.87
47 1/2	5.82	5.96	6.11	6.25	6.39	6.54	6.68	6.82	6.97	7.11	7.25	7.39	7.54	7.68	7.82	7.97
48	5.89	6.04	6.18	6.33	6.47	6.62	6.76	6.90	7.05	7.19	7.34	7.48	7.63	7.77	7.92	8.06
48 1/2	5.96	6.11	6.26	6.40	6.55	6.69	6.84	6.99	7.13	7.28	7.43	7.57	7.72	7.87	8.01	8.16
49	6.03	6.18	6.33	6.48	6.63	6.77	6.92	7.07	7.22	7.37	7.52	7.66	7.81	7.96	8.11	8.26
49 1/2	6.10	6.25	6.40	6.55	6.70	6.85	7.00	7.15	7.30	7.45	7.60	7.75	7.90	8.05	8.20	8.35
50	6.17	6.33	6.48	6.63	6.78	6.93	7.08	7.24	7.39	7.54	7.69	7.84	7.99	8.15	8.30	8.45
50 1/2	6.24	6.40	6.55	6.71	6.86	7.01	7.17	7.32	7.47	7.63	7.78	7.93	8.09	8.24	8.39	8.55
51	6.32	6.47	6.63	6.78	6.94	7.09	7.25	7.40	7.56	7.71	7.87	8.02	8.18	8.33	8.49	8.64
51 1/2	6.39	6.54	6.70	6.86	7.01	7.17	7.33	7.48	7.64	7.80	7.96	8.11	8.27	8.43	8.58	8.74
52	6.46	6.62	6.77	6.93	7.09	7.25	7.41	7.57	7.73	7.88	8.04	8.20	8.36	8.52	8.68	8.84

52 1/2	6.53	6.69	6.85	7.01	7.17	7.33	7.49	7.65	7.81	7.97	8.13	8.29	8.45	8.61	8.77	8.93
53	6.60	6.76	6.92	7.08	7.25	7.41	7.57	7.73	7.90	8.06	8.22	8.38	8.54	8.71	8.87	9.03
53 1/2	6.67	6.83	7.00	7.16	7.32	7.49	7.65	7.82	7.98	8.14	8.31	8.47	8.64	8.80	8.96	9.13
Note:	1. Egress calculations based upon net clear opening width of 20", net clear opening height of 24" and over all opening area 5.7sq feet															
	2. These calculations are based upon CAD data and <i>must</i> be confirmed on actual units by building code officials															
	3. Grey area indicates egress size unit															

inches		Height subtraction constant	6.305	
inches		Width Subtraction constant	11.653	
inches		Height min clear opening	24	
inches		Width min clear opening	20	
40	40 1/2			
6.63	6.75			
6.73	6.85		<u>MINIMUM HEIGHT</u>	30.305
6.83	6.95		<u>MINIMUM WIDTH</u>	31.653
6.93	7.05			
7.03	7.15			
7.13	7.25			
7.22	7.35			
7.32	7.45			
7.42	7.55			
7.52	7.65			
7.62	7.75			
7.72	7.85			
7.81	7.95			
7.91	8.05			
8.01	8.15			
8.11	8.25			
8.21	8.35			
8.31	8.45			
8.40	8.55			
8.50	8.65			
8.60	8.75			
8.70	8.85			
8.80	8.95			
8.90	9.05			
9.00	9.15			

9.09	9.25					
9.19	9.35					
9.29	9.45					