

2008 WERS Certified Products Directory - NFRC



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NOTES

1. U_w is the whole window *U-value*
2. $SHGC_w$ is the whole window *solar heat gain coefficient*
3. T_{vw} is the whole window *visible (light) transmittance*
4. Percentage improvement figures are compared with using base-case Generic Window 1 (3mm clear in standard aluminium frame)
5. A negative percentage improvement figure indicates performance worse than the base-case window
6. A positive percentage improvement figure indicates performance better than the base-case window
7. Maximum air infiltration is 5.0L/s.m² at a positive pressure difference of 75 Pa as measured according to AS 2047
8. Static performance (U_w $SHGC_w$ T_{vw} T_{dw}) calculated using Window 5.2 and Therm 5.2 software (LBNL), 2000-2003
9. Annual energy performance (stars and % improvements) calculated using Nationwide House Energy Rating Software (AccuRate) according to procedures of WERS 2008.
10. Results disclosed at National Fenestration Rating Council (NFRC) regulations.

05-May-2008

Airlite Windows				%	%	Total Window System Values - NFRC			
Window ID	Glazing	Cooling Stars	Heating Stars			Uw	SHGCw	Tvw	Air Inf.
Aluminium Awning Window - Double Glazed									
AIR_001_01	3/6/3	★★☆	★★★★☆	41%	44%	5.1	0.49	0.48	0.03
AIR_001_02	3/6/4	★★☆	★★★★☆	41%	44%	5.1	0.48	0.48	0.03
AIR_001_03	3/6/4EA	★★★	★★★★☆	45%	47%	4.7	0.45	0.44	0.03
AIR_001_04	3/8/3	★★☆	★★★★☆	41%	47%	4.9	0.49	0.48	0.03
AIR_001_05	3/8/3EA	★★★	★★★★★	46%	50%	4.5	0.45	0.44	0.03
AIR_001_06	3EG/8/3EA	★★★★	★★★★☆	56%	42%	4.5	0.31	0.38	0.03
AIR_001_07	4EG/6/3	★★★★☆	★★★★	53%	35%	5.1	0.31	0.40	0.03
AIR_001_08	4EG/6/4	★★★★☆	★★★★	53%	35%	5.0	0.31	0.40	0.03
AIR_001_09	4EG/6/4EA	★★★★	★★★★	56%	38%	4.7	0.28	0.36	0.03
AIR_001_10	4/8/3	★★☆	★★★★☆	42%	46%	5.0	0.48	0.48	0.03
AIR_001_11	4EG/8/3	★★★★☆	★★★★	53%	36%	5.0	0.31	0.40	0.03
AIR_001_12	4/8/4EA	★★★	★★★★★	46%	49%	4.5	0.44	0.44	0.03
AIR_001_13	4EG/8/4	★★★★☆	★★★★	53%	36%	4.9	0.31	0.40	0.03
AIR_001_14	5/6/5	★★☆	★★★★☆	42%	44%	5.1	0.46	0.47	0.03
Aluminium Awning Window - Single Glazed									
AIR_002_01	3Clr	★	★★★★☆	21%	29%	6.7	0.63	0.62	0.03
AIR_002_02	4EG	★★	★★★★	37%	20%	6.7	0.43	0.51	0.03
AIR_002_03	5Clr	★	★★★★☆	23%	29%	6.6	0.61	0.61	0.03
AIR_002_04	5EG	★★	★★★★	37%	20%	6.6	0.43	0.50	0.03
AIR_002_05	6EG	★★☆	★★★★	40%	19%	6.6	0.39	0.45	0.03
AIR_002_06	6.38DLam	★☆	★★★★☆	25%	30%	6.6	0.59	0.61	0.03
AIR_002_07	6.38CP	★★★	★★★★	47%	37%	5.2	0.39	0.41	0.03
Aluminium Double Hung Window - Double Glazed									
AIR_003_01	3/6/3	★★	★★★★☆	36%	30%	4.7	0.57	0.58	3.49
AIR_003_02	3/6/4	★★	★★★★☆	36%	30%	4.7	0.56	0.58	3.49
AIR_003_03	3/6/4EA	★★☆	★★★★☆	41%	32%	4.3	0.52	0.53	3.49
AIR_003_04	3/8/3	★★	★★★★☆	36%	32%	4.6	0.57	0.58	3.49
AIR_003_05	3/8/3EA	★★☆	★★★★★	42%	35%	4.1	0.52	0.53	3.49
AIR_003_06	3EG/8/3EA	★★★★☆	★★★★	54%	26%	4.1	0.35	0.45	3.49
AIR_003_07	4EG/6/3	★★★★☆	★★★	51%	19%	4.7	0.35	0.48	3.49
AIR_003_08	4EG/6/4	★★★★☆	★★★	51%	19%	4.7	0.35	0.48	3.49

AIR_003_09	4EG/6/4EA	★★★★	★★☆	55%	21%	4.3	0.32	0.44	3.49
AIR_003_10	4/8/3	★★	★★★★☆	37%	31%	4.6	0.56	0.58	3.49
AIR_003_11	4EG/8/3	★★★★☆	★★☆	52%	20%	4.6	0.35	0.48	3.49
AIR_003_12	4/8/4EA	★★☆	★★★★☆	43%	35%	4.1	0.51	0.53	3.49
AIR_003_13	4EG/8/4	★★★★☆	★★☆	52%	20%	4.6	0.35	0.48	3.49
AIR_003_14	5/6/5	★★☆	★★★★☆	38%	29%	4.7	0.54	0.57	3.49
AIR_003_15	5EG/6/5	★★★★☆	★★☆	51%	19%	4.7	0.36	0.47	3.49
AIR_003_16	5/6/5EA	★★☆	★★★★☆	43%	32%	4.3	0.50	0.53	3.49
Aluminium Double Hung Window - Single Glazed									
AIR_004_01	3Clr	☆	★★☆	12%	16%	6.3	0.73	0.75	3.49
AIR_004_02	4EG	★★	★★☆	35%	5%	6.3	0.49	0.62	3.49
AIR_004_03	5Clr	☆	★★☆	15%	16%	6.2	0.71	0.74	3.49
AIR_004_04	5EG	★★	★★☆	34%	6%	6.2	0.49	0.61	3.49
AIR_004_05	6EG	★★	★★☆	38%	4%	6.2	0.44	0.55	3.49
AIR_004_06	6.38DLam	★	★★☆	17%	16%	6.2	0.69	0.74	3.49
AIR_004_07	6.38CP	★★★	★★★	47%	27%	4.4	0.44	0.49	3.49
AIR_004_08	6SE	★★	★★	34%	9%	6.1	0.51	0.50	3.49
AIR_004_09	6EcAGy	★★★★☆	★★☆	52%	20%	4.6	0.35	0.27	3.49
Aluminium Sliding Door - Double Glazed									
AIR_005_01	4EG/6/4	★★★★☆	★★★	51%	28%	4.4	0.39	0.54	0.82
AIR_005_02	4EG/6/4EA	★★★★★	★★★★☆	56%	31%	3.9	0.35	0.50	0.82
AIR_005_03	4/8/4EA	★★☆	★★★★☆	41%	45%	3.7	0.57	0.60	0.82
AIR_005_04	4EG/8/4	★★★★☆	★★★★☆	52%	29%	4.2	0.38	0.54	0.82
AIR_005_05	5/6/5	★★	★★★★★	35%	38%	4.3	0.60	0.64	0.82
AIR_005_06	5EG/6/5	★★★★☆	★★★	51%	28%	4.3	0.39	0.53	0.82
AIR_005_07	5/6/5EA	★★☆	★★★★☆	41%	42%	3.9	0.55	0.60	0.82
Aluminium Sliding Door - Single Glazed									
AIR_006_01	3Clr	☆	★★☆	10%	20%	6.3	0.76	0.78	0.82
AIR_006_02	4EG	★★	★★	34%	9%	6.2	0.50	0.65	0.82
AIR_006_03	5Clr	☆	★★☆	13%	20%	6.2	0.73	0.77	0.82
AIR_006_04	5EG	★★	★★	34%	10%	6.2	0.50	0.63	0.82
AIR_006_05	6EG	★★	★★	38%	8%	6.2	0.45	0.57	0.82
AIR_006_06	6.38DLam	★	★★☆	15%	21%	6.1	0.71	0.77	0.82
AIR_006_07	6.38CP	★★★	★★★★☆	48%	32%	4.3	0.44	0.51	0.82
AIR_006_08	6SE	★★	★★	33%	12%	6.1	0.52	0.52	0.82
AIR_006_09	6EcAGy	★★★★☆	★★★	53%	25%	4.4	0.35	0.28	0.82
Aluminium Sliding Window - Double Glazed									
AIR_007_01	3/6/3	★★	★★★★☆	35%	31%	4.7	0.57	0.59	2.19
AIR_007_02	3/6/4	★★	★★★★☆	36%	31%	4.7	0.57	0.59	2.19
AIR_007_03	3/6/4EA	★★☆	★★★★☆	41%	34%	4.3	0.53	0.54	2.19
AIR_007_04	3/8/3	★★	★★★★☆	36%	33%	4.6	0.58	0.59	2.19
AIR_007_05	3/8/3EA	★★☆	★★★★★	42%	37%	4.1	0.53	0.55	2.19
AIR_007_06	3EG/8/3EA	★★★★☆	★★★	54%	28%	4.1	0.36	0.46	2.19
AIR_007_07	4EG/6/3	★★★★☆	★★☆	51%	20%	4.7	0.36	0.49	2.19
AIR_007_08	4EG/6/4	★★★★☆	★★☆	51%	20%	4.7	0.36	0.49	2.19
AIR_007_09	4EG/6/4EA	★★★★★	★★★	55%	23%	4.3	0.32	0.45	2.19
AIR_007_10	4/8/3	★★	★★★★☆	37%	33%	4.6	0.56	0.59	2.19
AIR_007_11	4EG/8/3	★★★★☆	★★★	52%	22%	4.6	0.36	0.49	2.19

AIR_007_12	4/8/4EA	★★☆	★★★★	43%	36%	4.1	0.52	0.54	2.19
AIR_007_13	4EG/8/4	★★★★☆	★★★★	52%	22%	4.6	0.36	0.49	2.19
AIR_007_14	5/6/5	★★	★★★★☆	38%	30%	4.7	0.55	0.58	2.19
AIR_007_15	5EG/6/5	★★★★☆	★★★	51%	20%	4.7	0.36	0.48	2.19
AIR_007_16	5/6/5EA	★★☆	★★★★☆	42%	33%	4.3	0.51	0.54	2.19
Aluminium Sliding Window - Single Glazed									
AIR_008_01	3Clr	☆	★★★	11%	16%	6.4	0.74	0.76	2.19
AIR_008_02	4EG	★★	★★	34%	5%	6.4	0.49	0.63	2.19
AIR_008_03	5Clr	☆	★★★	13%	15%	6.5	0.71	0.75	2.19
AIR_008_04	5EG	★★	★★	33%	6%	6.4	0.50	0.62	2.19
AIR_008_05	6EG	★★	★★	37%	4%	6.3	0.45	0.55	2.19
AIR_008_06	6.38DLam	★	★★★	16%	16%	6.3	0.70	0.75	2.19
AIR_008_07	6.38CP	★★★	★★★★	46%	27%	4.5	0.44	0.50	2.19
AIR_008_08	6SE	★★	★★	33%	8%	6.2	0.51	0.50	2.19
AIR_008_09	6EcAGy	★★★★☆	★★★	52%	20%	4.7	0.35	0.27	2.19
Aluminium Composite Awning Window - Double Glazed									
AIR_009_01	3/6/3	★★★	★★★★★★	45%	62%	3.7	0.51	0.53	0.52
AIR_009_02	3/6/4	★★★	★★★★★★	46%	62%	3.7	0.51	0.52	0.52
AIR_009_03	3/6/4EA	★★★★☆	★★★★★★	50%	64%	3.3	0.47	0.48	0.52
AIR_009_04	3/8/3	★★★	★★★★★★	46%	63%	3.6	0.51	0.52	0.52
AIR_009_05	3/8/3EA	★★★★☆	★★★★★★	51%	66%	3.1	0.47	0.48	0.52
AIR_009_06	3EG/8/3EA	★★★★☆	★★★★★★	62%	58%	3.1	0.32	0.41	0.52
AIR_009_07	4EG/6/3	★★★★	★★★★★★	59%	52%	3.7	0.32	0.43	0.52
AIR_009_08	4EG/6/4	★★★★	★★★★★★	59%	52%	3.7	0.32	0.43	0.52
AIR_009_09	4EG/6/4EA	★★★★☆	★★★★★★	63%	54%	3.3	0.29	0.40	0.52
AIR_009_10	4/8/3	★★★	★★★★★★	47%	63%	3.6	0.50	0.52	0.52
AIR_009_11	4EG/8/3	★★★★	★★★★★★	60%	53%	3.6	0.32	0.43	0.52
Aluminium Composite Awning Window - Single Glazed									
AIR_010_01	3Clr	★★	★★★★☆	33%	44%	5.4	0.57	0.57	0.52
AIR_010_02	4EG	★★★	★★★★	47%	35%	5.4	0.38	0.47	0.52
AIR_010_03	5Clr	★★	★★★★☆	35%	44%	5.3	0.54	0.56	0.52
AIR_010_04	5EG	★★★	★★★★	47%	35%	5.3	0.39	0.46	0.52
AIR_010_05	6EG	★★★	★★★★	49%	34%	5.3	0.35	0.42	0.52
AIR_010_06	6.38DLam	★★	★★★★☆	37%	44%	5.2	0.52	0.56	0.52
AIR_010_07	6.38CP	★★★★	★★★★★★	56%	49%	4.0	0.35	0.37	0.52
Aluminium Composite Double Hung Window - Double Glazed									
AIR_011_01	3/6/3	★★	★★★★	38%	41%	3.8	0.59	0.62	4.34
AIR_011_02	3/6/4	★★☆	★★★★	38%	41%	3.8	0.59	0.62	4.34
AIR_011_03	3/6/4EA	★★☆	★★★★☆	44%	43%	3.4	0.54	0.57	4.34
AIR_011_04	3/8/3	★★☆	★★★★☆	38%	43%	3.7	0.59	0.62	4.34
AIR_011_05	3/8/3EA	★★★	★★★★☆	45%	46%	3.2	0.55	0.57	4.34
AIR_011_06	3EG/8/3EA	★★★★	★★★★	58%	36%	3.2	0.36	0.49	4.34
AIR_011_07	4EG/6/3	★★★★☆	★★★★☆	55%	29%	3.8	0.37	0.51	4.34
AIR_011_08	4EG/6/4	★★★★☆	★★★★☆	55%	29%	3.8	0.37	0.51	4.34
AIR_011_09	4EG/6/4EA	★★★★	★★★★☆	59%	32%	3.4	0.33	0.47	4.34
AIR_011_10	4/8/3	★★☆	★★★★☆	40%	42%	3.7	0.58	0.62	4.34
AIR_011_11	4EG/8/3	★★★★	★★★★☆	56%	31%	3.7	0.37	0.51	4.34
AIR_011_12	4/8/4EA	★★★	★★★★☆	46%	46%	3.2	0.54	0.56	4.34

AIR_011_13	4EG/8/4	★★★★	★★★☆☆	56%	31%	3.7	0.36	0.51	4.34
AIR_011_14	5/6/5	★★☆	★★★★	41%	40%	3.8	0.56	0.61	4.34
AIR_011_15	5EG/6/5	★★★★☆	★★★☆☆	55%	29%	3.8	0.37	0.50	4.34
AIR_011_16	5/6/5EA	★★★	★★★★☆☆	45%	42%	3.4	0.52	0.56	4.34
Aluminium Composite Double Hung Window - Single Glazed									
AIR_012_01	3Clr	★	★★☆	21%	20%	5.8	0.67	0.69	4.34
AIR_012_02	4EG	★★☆	★★	40%	9%	5.8	0.45	0.57	4.34
AIR_012_03	5Clr	★	★★☆	23%	20%	5.7	0.65	0.68	4.34
AIR_012_04	5EG	★★☆	★★	40%	10%	5.7	0.45	0.56	4.34
AIR_012_05	6EG	★★☆	★★	43%	8%	5.7	0.40	0.50	4.34
AIR_012_06	6.38DLam	★☆☆	★★☆	27%	20%	5.6	0.61	0.68	4.34
AIR_012_07	6.38CP	★★★★☆	★★★	51%	28%	4.1	0.40	0.45	4.34
Aluminium Composite Sliding Door - Double Glazed									
AIR_013_01	4EG/6/4	★★★★	★★★☆☆	56%	31%	3.6	0.37	0.51	4.44
AIR_013_02	4EG/6/4EA	★★★★☆	★★★☆☆	60%	35%	3.2	0.33	0.47	4.44
AIR_013_03	4/8/4EA	★★★★	★★★☆☆	56%	33%	3.5	0.36	0.51	4.44
AIR_013_04	4EG/8/4	★★☆	★★★★☆☆	41%	42%	3.6	0.57	0.61	4.44
AIR_013_05	5/6/5	★★★★	★★★☆☆	55%	31%	3.6	0.37	0.50	4.44
AIR_013_06	5EG/6/5	★★★	★★★★★	46%	48%	3.0	0.54	0.57	4.44
AIR_013_07	5/6/5EA	★★★	★★★★☆☆	46%	45%	3.2	0.53	0.57	4.44
Aluminium Composite Sliding Door - Single Glazed									
AIR_014_01	4EG	★★☆	★★	41%	11%	5.6	0.44	0.57	4.44
AIR_014_02	5Clr	★☆☆	★★☆	24%	21%	5.6	0.65	0.68	4.44
AIR_014_03	5EG	★★☆	★★	41%	12%	5.6	0.45	0.56	4.44
AIR_014_04	6EG	★★☆	★★	44%	9%	5.6	0.40	0.51	4.44
AIR_014_05	6.38DLam	★☆☆	★★☆	27%	21%	5.5	0.62	0.68	4.44
AIR_014_06	6.38CP	★★★★☆	★★★☆☆	52%	30%	3.9	0.40	0.45	4.44
Aluminium Composite Sliding Window - Double Glazed									
AIR_015_01	3/6/3	★★	★★★★☆☆	38%	43%	3.9	0.60	0.62	2.47
AIR_015_02	3/6/4	★★	★★★★☆☆	38%	42%	3.9	0.59	0.62	2.47
AIR_015_03	3/6/4EA	★★☆	★★★★☆☆	44%	45%	3.5	0.55	0.57	2.47
AIR_015_04	3/8/3	★★☆	★★★★☆☆	38%	44%	3.7	0.60	0.62	2.47
AIR_015_05	3/8/3EA	★★★	★★★★★	44%	48%	3.2	0.55	0.57	2.47
AIR_015_06	3EG/8/3EA	★★★★	★★★★	58%	38%	3.2	0.36	0.49	2.47
AIR_015_07	4EG/6/3	★★★★☆	★★★☆☆	55%	31%	3.9	0.37	0.51	2.47
AIR_015_08	4EG/6/4	★★★★☆	★★★☆☆	55%	31%	3.9	0.37	0.51	2.47
AIR_015_09	4EG/6/4EA	★★★★	★★★☆☆	59%	33%	3.4	0.33	0.47	2.47
AIR_015_10	4/8/3	★★☆	★★★★☆☆	39%	44%	3.7	0.58	0.62	2.47
AIR_015_11	4EG/8/3	★★★★	★★★☆☆	55%	32%	3.7	0.37	0.51	2.47
AIR_015_12	4/8/4EA	★★★	★★★★☆☆	46%	47%	3.2	0.54	0.56	2.47
AIR_015_13	4EG/8/4	★★★★	★★★☆☆	56%	32%	3.7	0.36	0.51	2.47
AIR_015_14	5/6/5	★★☆	★★★★	40%	41%	3.9	0.56	0.61	2.47
AIR_015_15	5EG/6/5	★★★★☆	★★★☆☆	55%	31%	3.9	0.37	0.50	2.47
AIR_015_16	5/6/5EA	★★★	★★★★☆☆	45%	44%	3.5	0.52	0.57	2.47
Aluminium Composite Sliding Window - Single Glazed									
AIR_016_01	3Clr	★	★★☆	20%	20%	5.9	0.67	0.69	2.47
AIR_016_02	4EG	★★☆	★★	39%	10%	5.9	0.45	0.57	2.47
AIR_016_03	5Clr	★	★★☆	23%	20%	5.8	0.65	0.68	2.47

AIR_016_04	5EG	★★☆	★★	39%	11%	5.8	0.45	0.56	2.47
AIR_016_05	6EG	★★☆	★★	43%	9%	5.8	0.41	0.50	2.47
AIR_016_06	6.38DLam	★☆☆	★★☆	26%	20%	5.7	0.62	0.68	2.47
AIR_016_07	6.38CP	★★★★☆	★★★★☆	51%	29%	4.2	0.40	0.45	2.47

Cedar Awning Door - Double Glazed

AIR_017_01	3/6/3	★★★	★★★★★★☆	47%	68%	2.9	0.54	0.56	5.00
AIR_017_02	3/6/4	★★★	★★★★★★☆	48%	68%	2.9	0.53	0.56	5.00
AIR_017_03	3/6/4EA	★★★★☆	★★★★★★☆	52%	70%	2.5	0.49	0.52	5.00
AIR_017_04	3/8/3	★★★	★★★★★★☆	48%	69%	2.7	0.54	0.56	5.00
AIR_017_05	3/8/3EA	★★★★☆	★★★★★★☆	53%	73%	2.3	0.50	0.52	5.00
AIR_017_06	3EG/8/3EA	★★★★★	★★★★★★	65%	63%	2.3	0.33	0.44	5.00
AIR_017_07	4EG/6/3	★★★★☆	★★★★★★☆	62%	57%	2.9	0.33	0.47	5.00
AIR_017_08	4EG/6/4	★★★★☆	★★★★★★☆	62%	57%	2.9	0.33	0.46	5.00
AIR_017_09	4EG/6/4EA	★★★★★	★★★★★★☆	66%	59%	2.5	0.30	0.43	5.00
AIR_017_10	4/8/3	★★★	★★★★★★☆	49%	69%	2.7	0.53	0.56	5.00
AIR_017_11	4EG/8/3	★★★★☆	★★★★★★☆	62%	58%	2.7	0.33	0.47	5.00
AIR_017_12	4/8/4EA	★★★★☆	★★★★★★☆	54%	72%	2.3	0.48	0.51	5.00
AIR_017_13	4EG/8/4	★★★★☆	★★★★★★☆	63%	58%	2.7	0.33	0.46	5.00
AIR_017_14	5/6/5	★★★	★★★★★★	49%	67%	2.9	0.51	0.55	5.00
AIR_017_15	5EG/6/5	★★★★☆	★★★★★★☆	62%	57%	2.9	0.33	0.45	5.00
AIR_017_16	5/6/5EA	★★★★☆	★★★★★★☆	54%	69%	2.5	0.47	0.51	5.00

Cedar Awning Door - Single Glazed

AIR_018_01	3Clr	★★	★★★★☆	32%	47%	4.9	0.60	0.62	5.0
AIR_018_02	4EG	★★★	★★★★	47%	37%	4.9	0.41	0.51	5.0
AIR_018_03	5Clr	★★	★★★★☆	33%	47%	4.9	0.58	0.62	5.0
AIR_018_04	5EG	★★★	★★★★	47%	38%	4.9	0.41	0.51	5.0
AIR_018_05	6EG	★★★	★★★★	50%	36%	4.8	0.37	0.45	5.0
AIR_018_06	6.38DLam	★★	★★★★☆	36%	47%	4.8	0.56	0.61	5.0
AIR_018_07	6.38CP	★★★★	★★★★	57%	53%	3.4	0.37	0.41	5.0

Cedar Double Hung Window - Double Glazed

AIR_019_01	3/6/3	★★★	★★★★	45%	49%	2.9	0.56	0.59	5.0
AIR_019_02	3/6/4	★★★	★★★★	46%	49%	2.9	0.55	0.59	5.0
AIR_019_03	3/6/4EA	★★★★☆	★★★★	51%	51%	2.5	0.51	0.54	5.0
AIR_019_04	3/8/3	★★★	★★★★	46%	50%	2.8	0.56	0.59	5.0
AIR_019_05	3/8/3EA	★★★★☆	★★★★☆	51%	54%	2.3	0.52	0.54	5.0
AIR_019_06	3EG/8/3EA	★★★★☆	★★★★☆	64%	44%	2.3	0.34	0.46	5.0
AIR_019_07	4EG/6/3	★★★★☆	★★★★	60%	37%	2.9	0.34	0.49	5.0
AIR_019_08	4EG/6/4	★★★★☆	★★★★	61%	37%	2.9	0.34	0.48	5.0
AIR_019_09	4EG/6/4EA	★★★★★	★★★★	65%	39%	2.5	0.31	0.44	5.0
AIR_019_10	4/8/3	★★★	★★★★	47%	50%	2.8	0.55	0.59	5.0
AIR_019_11	4EG/8/3	★★★★☆	★★★★	61%	39%	2.8	0.34	0.49	5.0
AIR_019_12	4/8/4EA	★★★★☆	★★★★	52%	53%	2.3	0.50	0.54	5.0
AIR_019_13	4EG/8/4	★★★★☆	★★★★	62%	39%	2.8	0.34	0.48	5.0
AIR_019_14	5/6/5	★★★	★★★★	47%	48%	2.9	0.53	0.58	5.0
AIR_019_15	5EG/6/5	★★★★☆	★★★★	61%	37%	2.9	0.34	0.47	5.0
AIR_019_16	5/6/5EA	★★★★☆	★★★★	52%	50%	2.5	0.49	0.54	5.0

Cedar Double Hung Window - Single Glazed

AIR_020_01	3Clr	★☆☆	★★★★☆	30%	31%	4.8	0.63	0.65	5.0
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AIR_020_02	4EG	★★★	★★☆	47%	20%	4.7	0.42	0.54	5.0
AIR_020_03	5Clr	★★	★★★★☆	32%	30%	4.7	0.61	0.64	5.0
AIR_020_04	5EG	★★★	★★☆	47%	21%	4.7	0.42	0.53	5.0
AIR_020_05	6EG	★★★	★★☆	50%	19%	4.7	0.38	0.48	5.0
AIR_020_06	6.38DLam	★★	★★★★☆	35%	30%	4.7	0.58	0.64	5.0
AIR_020_07	6.38CP	★★★★	★★★★	58%	37%	3.1	0.37	0.43	5.0
Cedar Sliding Door - Double Glazed									
AIR_021_01	4EG/6/4	★★★★☆	★★★★	63%	37%	2.8	0.32	0.45	5.0
AIR_021_02	4EG/6/4EA	★★★★★	★★★★	66%	39%	2.5	0.29	0.41	5.0
AIR_021_03	4/8/4EA	★★★★☆	★★★★	63%	38%	2.7	0.32	0.45	5.0
AIR_021_04	4EG/8/4	★★★★☆	★★★★☆	51%	47%	2.8	0.49	0.54	5.0
AIR_021_05	5/6/5	★★★★☆	★★★★	62%	37%	2.8	0.32	0.44	5.0
AIR_021_06	5EG/6/5	★★★★☆	★★★★★	55%	52%	2.3	0.47	0.50	5.0
AIR_021_07	5/6/5EA	★★★★☆	★★★★★	55%	49%	2.5	0.46	0.50	5.0
Cedar Sliding Door - Single Glazed									
AIR_022_01	4EG	★★★	★★★	50%	22%	4.5	0.39	0.50	5.0
AIR_022_02	5Clr	★★	★★★★☆	37%	32%	4.5	0.57	0.60	5.0
AIR_022_03	5EG	★★★	★★★	50%	22%	4.5	0.39	0.49	5.0
AIR_022_04	6EG	★★★★☆	★★☆	53%	20%	4.4	0.35	0.44	5.0
AIR_022_05	6.38DLam	★★☆	★★★★☆	39%	31%	4.4	0.54	0.60	5.0
AIR_022_06	6.38CP	★★★★	★★★★	60%	37%	3.0	0.35	0.40	5.0
Cedar Sliding Window - Double Glazed									
AIR_023_01	3/6/3	★★★	★★★★☆	47%	47%	3.0	0.53	0.56	5.0
AIR_023_02	3/6/4	★★★	★★★★☆	47%	47%	3.0	0.53	0.56	5.0
AIR_023_03	3/6/4EA	★★★★☆	★★★★★	52%	49%	2.6	0.49	0.51	5.0
AIR_023_04	3/8/3	★★★	★★★★★	47%	49%	2.9	0.53	0.56	5.0
AIR_023_05	3/8/3EA	★★★★☆	★★★★★	53%	52%	2.4	0.49	0.52	5.0
AIR_023_06	3EG/8/3EA	★★★★☆	★★★★☆	64%	42%	2.4	0.32	0.44	5.0
AIR_023_07	4EG/6/3	★★★★☆	★★★★	61%	36%	3.0	0.33	0.46	5.0
AIR_023_08	4EG/6/4	★★★★☆	★★★★	61%	36%	3.0	0.33	0.46	5.0
AIR_023_09	4EG/6/4EA	★★★★★	★★★★	65%	38%	2.6	0.29	0.42	5.0
AIR_023_10	4/8/3	★★★	★★★★★	48%	48%	2.9	0.52	0.56	5.0
AIR_023_11	4EG/8/3	★★★★☆	★★★★	62%	37%	2.9	0.33	0.46	5.0
AIR_023_12	4/8/4EA	★★★★☆	★★★★★	54%	51%	2.4	0.48	0.51	5.0
AIR_023_13	4EG/8/4	★★★★☆	★★★★	62%	37%	2.9	0.32	0.46	5.0
AIR_023_14	5/6/5	★★★	★★★★☆	49%	46%	3.0	0.50	0.55	5.0
AIR_023_15	5EG/6/5	★★★★☆	★★★★	61%	36%	3.0	0.33	0.45	5.0
AIR_023_16	5/6/5EA	★★★★☆	★★★★★	53%	48%	2.6	0.47	0.51	5.0
Cedar Sliding Window - Single Glazed									
AIR_024_01	3Clr	★★	★★★	32%	28%	4.9	0.60	0.62	5.0
AIR_024_02	4EG	★★★	★★☆	47%	18%	4.9	0.40	0.51	5.0
AIR_024_03	5Clr	★★	★★★	34%	28%	4.8	0.58	0.62	5.0
AIR_024_04	5EG	★★★	★★☆	47%	18%	4.8	0.40	0.51	5.0
AIR_024_05	6EG	★★★★☆	★★☆	50%	16%	4.8	0.36	0.45	5.0
AIR_024_06	6.38DLam	★★	★★★	36%	27%	4.8	0.55	0.61	5.0
AIR_024_07	6.38CP	★★★★	★★★★☆	58%	33%	3.4	0.36	0.41	5.0