



8/20/2019

Attn: Mr. Marshall Green
Quick Mount PV
2700 Mitchell Dr.
Walnut Creek, CA, 94598

RE: Quick Mount PV QBlock Mount System for use with
SnapNrack Ultra Rail UR-60 Roof Mount System

SEI Project No.: 19359.00

Dear Mr. Green

Structural Enginuity Inc. (SEI) has completed its review of the Quickmount PV QBlock Mount System for use in conjunction with the SnapNrack Ultra Rail UR-60 Roof Mount System Aluminum Rails (6005-T56 alloy). The QBlock product line includes the E-Mount (QMSE), E-Mount Lag (QMSE-LAG), Classic Composition Mount (QMSC), and the Classic Shake Mount (QMLC).

The review was based on the following reference data:

- SnapNrack, Ultra Rail Residential Roof Mount System Installation Manual
- PZSE Inc., Report # 2017-03227.10 – SnapNrack Ultra Rail Solar Photovoltaic Racking System with UR-60 Rail, May 3, 2019
- PZSE Inc., Report # 2017-03227.10 – Engineering Certification and Span Tables for the SnapNrack Ultra Rail Solar Photovoltaic Racking System, May 10, 2019
- Applied Materials & Engineering, Quick Mount PV Load Testing, Project Number 108443C, May 22, 2009
- Applied Materials & Engineering, Quick Mount PV Load Testing, Project Number 108443C, May 22, 2009
- Applied Materials & Engineering, Laboratory Load Testing of the QMSE-Lag, Project Number 114490C, October 29, 2014
- ICC Evaluation Service, Quick Mount PV Roof Mounts, ESR-2835, April 2015
- ICC Evaluation Service, Quick Mount PV Roof Mounts, ESR-3744, November 2016

SEI has determined that the QMSE, QMSE-Lag, QMSC, and QMLC mounts are suitable for use with the SnapNrack Ultra Rail UR-60 Roof Mount System (6005-T56 alloy). The approved installation and allowable loads for the Quick Mount PV QBlock products is outlined in the ICC reports (ESR-2835 & ESR-3744). These values are shown below, no additional load duration factors may be applied to these values.

Table 1: QMSE, QMSC, & QMLC Roof Mounts

Load Direction	Specific Gravity of Lumber Rafter	Allowable Load
Uplift	0.5	811
	0.36	436
Lateral	0.5	671
	0.36	634

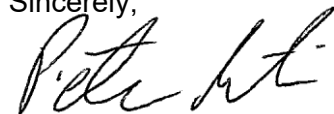
Table 2: QMSE-LAG Roof Mount

Load Direction	Specific Gravity of Lumber Rafter	Allowable Load
Uplift	0.5	732
	-	-
Lateral	0.5	526
	-	-

SEI has prepared allowable rail span charts for the Ultra Rail UR-60 Roof Mount System used in conjunction with the Quick Mount PV QBlock products. These span tables serve as a quick reference for looking up maximum rail spans based on building and site conditions and follow the 2016 CBC, 2015 IBC/IRC and applicable ASCE 7-10 load cases. The tables take into account the strength of the rail system as well as the allowable uplift and lateral forces of the QBlock mounts. A site specific analysis is required if the site conditions or building characteristics do not meet the requirements listed in the attached tables. In all cases, the tables are meant to be used in conjunction with SnapNrack Ultra Rail UR-60 Structural Report and Calculations and all requirements listed are still applicable for these tables including edge zones and edge distances.

Please contact our office if you have any further questions relating to this matter.

Sincerely,

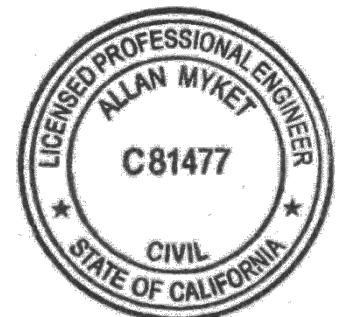


Peter Martin
Engineer III
pmartin@structuralengenuityinc.com



Allan T. Myket, P.E.
President/Founder
amyket@structuralengenuityinc.com

Structural Engenuity Inc.



Maximum Rail Spans			SnapRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE, QMSC, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.5) -- 60-cell																
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed -> Roof Zone ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph		
				1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3
0 psf	B	0 to 7	QMPV QBlock	110 / 110 / 97	110 / 110 / 94	110 / 107 / 91	110 / 104 / 88	110 / 101 / 84	110 / 98 / 78	110 / 95 / 72	110 / 93 / 67	110 / 91 / 62	110 / 89 / 58	107 / 87 / 54	103 / 76 / 48	98 / 67 / 42	95 / 60 / 38	92 / 57 / 34	
		7 to 27	QMPV QBlock	112 / 112 / 99	112 / 112 / 96	112 / 109 / 93	112 / 105 / 90	112 / 102 / 88	112 / 100 / 84	112 / 97 / 77	112 / 95 / 72	112 / 92 / 67	112 / 90 / 62	112 / 88 / 58	106 / 80 / 52	102 / 71 / 46	98 / 64 / 41	95 / 59 / 38	92 / 56 / 34
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	113 / 113 / 113	110 / 110 / 110	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	95 / 95 / 95	92 / 92 / 92	87 / 87 / 87	85 / 85 / 85	81 / 81 / 81	78 / 74 / 74
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	115 / 111 / 111	111 / 108 / 108	101 / 106 / 106	104 / 103 / 103	101 / 100 / 100	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	87 / 87 / 87	85 / 85 / 85	81 / 81 / 81	77 / 77 / 77	73 / 72 / 72
	C	0 to 7	QMPV QBlock	110 / 101 / 84	110 / 97 / 76	110 / 94 / 70	110 / 92 / 64	110 / 89 / 59	107 / 87 / 55	105 / 80 / 51	102 / 75 / 47	99 / 69 / 44	97 / 65 / 41	95 / 61 / 38	91 / 53 / 34	87 / 47 / 30	87 / 42 / 27	84 / 37 / 24	
		7 to 27	QMPV QBlock	112 / 102 / 88	112 / 99 / 82	112 / 96 / 75	112 / 93 / 69	112 / 91 / 63	111 / 88 / 59	108 / 85 / 54	106 / 79 / 51	103 / 73 / 47	101 / 69 / 44	98 / 64 / 41	94 / 56 / 36	90 / 50 / 32	87 / 45 / 29	84 / 37 / 24	81 / 32 / 24
		27 to 45	QMPV QBlock	113 / 113 / 113	109 / 109 / 109	105 / 105 / 105	102 / 102 / 102	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	81 / 81 / 81	77 / 77 / 77	73 / 72 / 72	69 / 64 / 64	66 / 61 / 53	63 / 58 / 53
		45 to 90	QMPV QBlock	111 / 108 / 108	107 / 105 / 105	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 80 / 80	78 / 75 / 75	74 / 66 / 66	70 / 59 / 59	67 / 53 / 53	64 / 50 / 50	61 / 46 / 46
	D	0 to 7	QMPV QBlock	110 / 95 / 70	110 / 92 / 64	110 / 89 / 58	107 / 86 / 54	104 / 79 / 49	101 / 73 / 46	98 / 67 / 42	96 / 62 / 39	94 / 58 / 37	91 / 54 / 34	89 / 51 / 32	83 / 45 / 28	74 / 40 / 25	74 / 40 / 25	66 / 36 / 22	
		7 to 27	QMPV QBlock	112 / 96 / 76	112 / 93 / 69	112 / 91 / 63	111 / 88 / 58	108 / 83 / 53	105 / 77 / 49	102 / 71 / 46	99 / 66 / 42	97 / 62 / 40	95 / 57 / 37	93 / 54 / 35	89 / 47 / 30	82 / 42 / 27	73 / 38 / 24	73 / 38 / 24	66 / 36 / 22
		27 to 45	QMPV QBlock	105 / 105 / 105	101 / 101 / 101	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 82 / 82	80 / 80 / 80	78 / 78 / 78	75 / 75 / 75	71 / 68 / 68	67 / 60 / 60	64 / 54 / 54	64 / 54 / 54	57 / 45 / 45
		45 to 90	QMPV QBlock	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 82 / 82	80 / 77 / 77	77 / 72 / 72	75 / 67 / 67	72 / 63 / 63	68 / 56 / 56	64 / 50 / 50	57 / 45 / 45	57 / 45 / 45	50 / 37 / 37
5 psf	B	0 to 7	QMPV QBlock	105 / 105 / 97	105 / 105 / 94	105 / 105 / 91	105 / 104 / 88	105 / 101 / 84	105 / 98 / 78	105 / 95 / 72	105 / 93 / 67	105 / 91 / 62	105 / 89 / 58	105 / 87 / 54	103 / 76 / 48	98 / 67 / 42	95 / 60 / 38	92 / 57 / 34	
		7 to 27	QMPV QBlock	112 / 112 / 99	112 / 112 / 96	112 / 109 / 93	112 / 105 / 90	112 / 102 / 88	112 / 100 / 84	112 / 97 / 77	112 / 95 / 72	112 / 92 / 67	112 / 90 / 62	111 / 88 / 58	106 / 80 / 52	102 / 71 / 46	98 / 64 / 41	95 / 59 / 38	92 / 56 / 34
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	113 / 113 / 113	110 / 110 / 110	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	95 / 95 / 95	92 / 92 / 92	87 / 87 / 87	85 / 85 / 85	81 / 81 / 81	78 / 74 / 74
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 117 / 117	117 / 115 / 115	115 / 111 / 111	111 / 108 / 108	107 / 106 / 106	104 / 103 / 103	101 / 100 / 100	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	87 / 87 / 87	85 / 85 / 85	81 / 81 / 81	77 / 77 / 77	73 / 72 / 72
	C	0 to 7	QMPV QBlock	105 / 101 / 84	105 / 97 / 76	105 / 94 / 70	105 / 92 / 64	105 / 89 / 59	105 / 87 / 55	105 / 80 / 51	102 / 75 / 47	99 / 69 / 44	97 / 65 / 41	95 / 61 / 38	91 / 53 / 34	87 / 47 / 30	87 / 42 / 27	84 / 37 / 24	
		7 to 27	QMPV QBlock	112 / 102 / 88	112 / 99 / 82	112 / 96 / 75	112 / 93 / 69	112 / 91 / 63	111 / 88 / 59	108 / 85 / 54	106 / 79 / 51	103 / 73 / 47	101 / 69 / 44	98 / 64 / 41	94 / 56 / 36	90 / 50 / 32	87 / 45 / 29	84 / 37 / 24	81 / 32 / 24
		27 to 45	QMPV QBlock	113 / 113 / 113	109 / 109 / 109	105 / 105 / 105	102 / 102 / 102	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	81 / 81 / 81	77 / 77 / 77	73 / 72 / 72	69 / 64 / 64	66 / 61 / 53	63 / 58 / 53
		45 to 90	QMPV QBlock	111 / 108 / 108	107 / 105 / 105	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 80 / 80	78 / 75 / 75	74 / 66 / 66	70 / 59 / 59	67 / 53 / 53	64 / 50 / 50	61 / 46 / 46
	D	0 to 7	QMPV QBlock	105 / 95 / 70	105 / 92 / 64	105 / 89 / 58	105 / 86 / 54	104 / 79 / 49	101 / 73 / 46	98 / 67 / 42	96 / 62 / 39	94 / 58 / 37	91 / 54 / 34	89 / 51 / 32	83 / 45 / 28	74 / 40 / 25	74 / 40 / 25	66 / 36 / 22	
		7 to 27	QMPV QBlock	112 / 96 / 76	112 / 93 / 69	112 / 91 / 63	111 / 88 / 58	108 / 83 / 53	105 / 77 / 49	102 / 71 / 46	99 / 66 / 42	97 / 62 / 40	95 / 57 / 37	93 / 54 / 35	89 / 47 / 30	82 / 42 / 27	73 / 38 / 24	73 / 38 / 24	66 / 36 / 22
		27 to 45	QMPV QBlock	105 / 105 / 105	101 / 101 / 101	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 82 / 82	80 / 80 / 80	78 / 78 / 78	75 / 75 / 75	71 / 68 / 68	67 / 60 / 60	64 / 54 / 54	64 / 54 / 54	57 / 45 / 45
		45 to 90	QMPV QBlock	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 82 / 82	80 / 77 / 77	77 / 72 / 72	75 / 67 / 67	72 / 63 / 63	68 / 56 / 56	64 / 50 / 50	57 / 45 / 45	57 / 45 / 45	50 / 37 / 37
10 psf	B	0 to 7	QMPV QBlock	93 / 93 / 93	93 / 93 / 93	93 / 93 / 91	93 / 93 / 88	93 / 93 / 84	93 / 93 / 78	93 / 93 / 72	93 / 93 / 67	93 / 91 / 62	93 / 89 / 58	93 / 87 / 54	93 / 76 / 48	93 / 67 / 42	93 / 60 / 38	92 / 57 / 34	
		7 to 27	QMPV QBlock	104 / 104 / 99	104 / 104 / 96	104 / 104 / 93	104 / 104 / 90	104 / 102 / 88	104 / 100 / 84	104 / 97 / 77	104 / 95 / 72	104 / 92 / 67	104 / 90 / 62	104 / 88 / 58	104 / 80 / 52	102 / 71 / 46	98 / 64 / 41	95 / 59 / 38	92 / 56 / 34
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	113 / 113 / 113	110 / 110 / 110	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	95 / 95 / 95	92 / 92 / 92	87 / 87 / 87	85 / 85 / 85	81 / 81 / 81	78 / 74 / 74
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 117 / 117	117 / 115 / 115	115 / 111 / 111	111 / 108 / 108	107 / 106 / 106	104 / 103 / 103	101 / 100 / 100	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	87 / 87 / 87	85 / 85 / 85	81 / 81 / 81	77 / 77 / 77	73 / 72 / 72
	C	0 to 7	QMPV QBlock	93 / 93 / 84	93 / 93 / 76	93 / 93 / 70	93 / 92 / 64	93 / 89 / 59	93 / 87 / 55	93 / 80 / 51	93 / 75 / 47	93 / 69 / 44	93 / 65 / 41	93 / 61 / 38	91 / 53 / 34	87 / 47 / 30	87 / 42 / 27	84 / 37 / 24	
		7 to 27	QMPV QBlock	104 / 102 / 88	104 / 99 / 82	104 / 96 / 75	104 / 93 / 69	104 / 91 / 63	104 / 88 / 59	104 / 85 / 54	104 / 79 / 51	103 / 73 / 47	101 / 69 / 44	98 / 64 / 41	94 / 56 / 36	90 / 50 / 32	87 / 45 / 29	84 / 37 / 24	81 / 32 / 24
		27 to 45	QMPV QBlock	113 / 113 / 113	109 / 109 / 109	105 / 105 / 105	102 / 102 / 102	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	81 / 81 / 81	77 / 77 / 77	73 / 72 / 72	69 / 64 / 64	66 / 61 / 53	63 / 58 / 53
		45 to 90	QMPV QBlock	111 / 108 / 108	107 / 105 / 105	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 80 / 80	78 / 75 / 75	74 / 66 / 66	70 / 59 / 59	67 / 53 / 53	64 / 50 / 50	61 / 46 / 46
	D	0 to 7	QMPV QBlock	93 / 93 / 70	93 / 92 / 64	93 / 89 / 58	93 / 86 / 54	93 / 79 / 49	93 / 73 / 46	93 / 67 / 42	93 / 62 / 39	93 / 58 / 37	91 / 54 / 34	89 / 51 / 32	83 / 45 / 28	74 / 40 / 25	74 / 40 / 25	66 / 36 / 22	
		7 to 27	QMPV QBlock	106 / 96 / 76	106 / 93 / 69	106 / 91 / 63	106 / 88 / 58	106 / 83 / 53	105 / 77 / 49	102 / 71 / 46	99 / 66 / 42	97 / 62 / 40	95 / 57 / 37	93 / 54 / 35	89 / 47 / 30	82 / 42 / 27	73 / 38 / 24	73 / 38 / 24	66 / 36 / 22
		27 to 45	QMPV QBlock	105 / 105 / 105	101 / 101 / 101	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 82 / 82	80 / 80 / 80	78 / 78 / 78	75 / 75 / 75	71 / 68 / 68	67 / 60 / 60	64 / 54 / 54	64 / 54 / 54	57 / 45 / 45
		45 to 90	QMPV QBlock	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 82 / 82	80 / 77 / 77	77 / 72 / 72	75 / 67 / 67	72 / 63 / 63	68 / 56 / 56	64 / 50 / 50	57 / 45 / 45	57 / 45 / 45	50 / 37 / 37
15 psf	B	0 to 7	QMPV QBlock	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 76 / 48	84 / 67 / 42	84 / 60 / 38	83 / 53 / 34	
		7 to 27	QMPV QBlock	97 / 97 / 97	97 / 97 / 96	97 / 97 / 96	97 / 97 / 93	97 / 97 / 90	97 / 97 / 88	97 / 97 / 84	97 / 97 / 77	97 / 95 / 72	97 / 92 / 67	97 / 88 / 58	97 / 80 / 52	96 / 71 / 46	93 / 64 / 41	90 / 57 / 34	87 / 47 / 30
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	113 / 113 / 113	110 / 110 / 110	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	95 / 95 / 95	92 / 92 / 92	87 / 87 / 87	85 / 85 / 85	81 / 81 / 81	78 / 74 / 74
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 117 / 11														

Maximum Rail Spans			SnapRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE, QMSC, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.5) -- 72-cell																		
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->		110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph			
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3		
0 psf	B	0 to 7	QMPV QBlock	101 / 101 / 92	101 / 101 / 89	101 / 101 / 82	101 / 98 / 75	101 / 95 / 69	101 / 93 / 64	101 / 90 / 59	101 / 88 / 55	101 / 82 / 51	101 / 76 / 48	101 / 71 / 45	97 / 63 / 39	93 / 55 / 35	89 / 49 / 31	85 / 49 / 31			
		7 to 27	QMPV QBlock	103 / 103 / 94	103 / 103 / 91	103 / 103 / 88	103 / 100 / 81	103 / 97 / 74	103 / 94 / 69	103 / 92 / 64	103 / 90 / 59	103 / 86 / 55	103 / 80 / 51	103 / 75 / 48	101 / 66 / 42	96 / 59 / 38	93 / 52 / 34	89 / 49 / 31	85 / 49 / 31		
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	83 / 83 / 83	78 / 78 / 78	75 / 75 / 75	72 / 61 / 61	67 / 59 / 38	64 / 53 / 34	
		45 to 90	QMPV QBlock	108 / 108 / 108	105 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	80 / 77 / 77	76 / 68 / 68	72 / 61 / 61	67 / 59 / 38	64 / 53 / 34	59 / 46 / 46	52 / 41 / 41
	C	0 to 7	QMPV QBlock	101 / 95 / 69	101 / 92 / 63	101 / 89 / 57	101 / 84 / 53	101 / 77 / 48	101 / 71 / 45	99 / 66 / 41	96 / 61 / 39	94 / 57 / 36	92 / 53 / 34	90 / 50 / 31	82 / 44 / 28	72 / 39 / 25	65 / 35 / 22	61 / 33 / 21	54 / 29 / 18		
		7 to 27	QMPV QBlock	103 / 97 / 74	103 / 94 / 68	103 / 91 / 62	103 / 85 / 57	103 / 82 / 52	103 / 75 / 48	102 / 70 / 45	100 / 65 / 42	97 / 60 / 39	95 / 56 / 36	93 / 53 / 34	89 / 46 / 30	80 / 41 / 26	72 / 37 / 24	68 / 37 / 23	61 / 33 / 21	54 / 29 / 18	
		27 to 45	QMPV QBlock	104 / 104 / 104	100 / 100 / 100	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	82 / 82 / 82	79 / 79 / 79	77 / 77 / 77	75 / 75 / 75	71 / 66 / 66	67 / 59 / 38	64 / 53 / 34	59 / 46 / 46	52 / 41 / 41	47 / 37 / 37	
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 81 / 81	79 / 75 / 75	77 / 70 / 70	74 / 66 / 66	72 / 62 / 62	68 / 55 / 55	62 / 49 / 49	56 / 44 / 44	52 / 41 / 41	47 / 37 / 37	42 / 32 / 24	
	D	0 to 7	QMPV QBlock	101 / 89 / 58	101 / 84 / 53	101 / 77 / 48	101 / 70 / 44	98 / 65 / 41	95 / 60 / 38	93 / 55 / 35	91 / 51 / 32	88 / 48 / 30	83 / 45 / 28	78 / 42 / 26	68 / 37 / 23	61 / 33 / 21	54 / 29 / 18	50 / 40 / 30	45 / 35 / 24	40 / 30 / 20	
		7 to 27	QMPV QBlock	103 / 91 / 62	103 / 88 / 57	103 / 81 / 52	103 / 74 / 47	102 / 68 / 44	99 / 63 / 40	96 / 58 / 37	94 / 54 / 35	92 / 51 / 32	89 / 47 / 30	86 / 44 / 28	76 / 39 / 25	67 / 35 / 22	60 / 31 / 20	56 / 46 / 46	52 / 41 / 41	47 / 37 / 37	
		27 to 45	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	74 / 72 / 72	71 / 67 / 67	69 / 63 / 63	65 / 56 / 56	60 / 49 / 49	53 / 44 / 44	49 / 39 / 29	44 / 34 / 24	39 / 29 / 19	34 / 24 / 14
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	87 / 87 / 87	84 / 84 / 84	81 / 79 / 79	78 / 73 / 73	76 / 68 / 68	73 / 63 / 63	71 / 59 / 59	69 / 55 / 55	66 / 52 / 52	59 / 46 / 46	52 / 41 / 41	47 / 37 / 37	42 / 32 / 24	37 / 27 / 17	32 / 22 / 12	27 / 17 / 7
5 psf	B	0 to 7	QMPV QBlock	96 / 96 / 92	96 / 96 / 89	96 / 96 / 82	96 / 96 / 75	96 / 95 / 69	96 / 93 / 64	96 / 90 / 59	96 / 88 / 55	96 / 82 / 51	96 / 76 / 48	96 / 71 / 45	96 / 63 / 39	93 / 55 / 35	89 / 49 / 31	85 / 49 / 31			
		7 to 27	QMPV QBlock	103 / 103 / 94	103 / 103 / 91	103 / 103 / 88	103 / 100 / 81	103 / 97 / 74	103 / 94 / 69	103 / 92 / 64	103 / 90 / 59	103 / 86 / 55	103 / 80 / 51	103 / 75 / 48	101 / 66 / 42	96 / 59 / 38	93 / 52 / 34	89 / 49 / 31	85 / 49 / 31		
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	83 / 83 / 83	78 / 78 / 78	75 / 75 / 75	72 / 61 / 61	67 / 59 / 38	64 / 53 / 34	
		45 to 90	QMPV QBlock	108 / 108 / 108	108 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	80 / 77 / 77	76 / 68 / 68	72 / 61 / 61	67 / 59 / 38	64 / 53 / 34	59 / 46 / 46	52 / 41 / 41
	C	0 to 7	QMPV QBlock	96 / 95 / 69	96 / 92 / 63	96 / 89 / 57	96 / 84 / 53	96 / 77 / 48	96 / 71 / 45	96 / 66 / 41	96 / 61 / 39	94 / 57 / 36	92 / 53 / 34	90 / 50 / 31	82 / 44 / 28	72 / 39 / 25	65 / 35 / 22	61 / 33 / 21	54 / 29 / 18		
		7 to 27	QMPV QBlock	103 / 97 / 74	103 / 94 / 68	103 / 91 / 62	103 / 88 / 57	103 / 82 / 52	103 / 75 / 48	102 / 70 / 45	100 / 65 / 42	97 / 60 / 39	95 / 56 / 36	93 / 53 / 34	89 / 46 / 30	80 / 41 / 26	72 / 37 / 24	68 / 37 / 23	61 / 33 / 21	54 / 29 / 18	
		27 to 45	QMPV QBlock	104 / 104 / 104	100 / 100 / 100	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	82 / 82 / 82	79 / 79 / 79	77 / 77 / 77	75 / 75 / 75	71 / 66 / 66	67 / 59 / 38	64 / 53 / 34	59 / 46 / 46	52 / 41 / 41	47 / 37 / 37	
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 81 / 81	79 / 75 / 75	77 / 70 / 70	74 / 66 / 66	72 / 62 / 62	68 / 55 / 55	62 / 49 / 49	56 / 44 / 44	52 / 41 / 41	47 / 37 / 37	42 / 32 / 24	
	D	0 to 7	QMPV QBlock	96 / 89 / 58	96 / 84 / 53	96 / 77 / 48	96 / 70 / 44	96 / 65 / 41	95 / 60 / 38	93 / 55 / 35	91 / 51 / 32	88 / 48 / 30	83 / 45 / 28	78 / 42 / 26	68 / 37 / 23	61 / 33 / 21	54 / 29 / 18	50 / 40 / 30	45 / 35 / 24	40 / 30 / 20	
		7 to 27	QMPV QBlock	103 / 91 / 62	103 / 88 / 57	103 / 81 / 52	103 / 74 / 47	102 / 68 / 44	99 / 63 / 40	96 / 58 / 37	94 / 54 / 35	92 / 51 / 32	89 / 47 / 30	86 / 44 / 28	76 / 39 / 25	67 / 35 / 22	60 / 31 / 20	56 / 46 / 46	52 / 41 / 41	47 / 37 / 37	
		27 to 45	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	74 / 72 / 72	71 / 67 / 67	69 / 63 / 63	65 / 56 / 56	60 / 49 / 49	53 / 44 / 44	49 / 39 / 29	44 / 34 / 24	39 / 29 / 19	34 / 24 / 14
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	87 / 87 / 87	84 / 84 / 84	81 / 79 / 79	78 / 73 / 73	76 / 68 / 68	73 / 63 / 63	71 / 59 / 59	69 / 55 / 55	66 / 52 / 52	59 / 46 / 46	52 / 41 / 41	47 / 37 / 37	42 / 32 / 24	37 / 27 / 17	32 / 22 / 12	27 / 17 / 7
10 psf	B	0 to 7	QMPV QBlock	85 / 85 / 85	85 / 85 / 85	85 / 85 / 82	85 / 85 / 75	85 / 85 / 69	85 / 85 / 64	85 / 85 / 59	85 / 85 / 55	85 / 82 / 51	85 / 76 / 48	85 / 71 / 45	85 / 63 / 39	83 / 55 / 35	80 / 49 / 31	76 / 68 / 68	72 / 61 / 61		
		7 to 27	QMPV QBlock	96 / 96 / 94	96 / 96 / 91	96 / 96 / 88	96 / 96 / 81	96 / 96 / 74	96 / 94 / 69	96 / 92 / 64	96 / 90 / 59	96 / 86 / 55	96 / 80 / 51	96 / 75 / 48	96 / 66 / 42	94 / 59 / 38	91 / 52 / 34	87 / 87 / 87	83 / 83 / 83	78 / 78 / 78	75 / 75 / 75
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	83 / 83 / 83	78 / 78 / 78	75 / 75 / 75	72 / 61 / 61	67 / 59 / 38	64 / 53 / 34	
		45 to 90	QMPV QBlock	108 / 108 / 108	108 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	80 / 77 / 77	76 / 68 / 68	72 / 61 / 61	67 / 59 / 38	64 / 53 / 34	59 / 46 / 46	52 / 41 / 41
	C	0 to 7	QMPV QBlock	85 / 85 / 69	85 / 85 / 63	85 / 85 / 57	85 / 84 / 53	85 / 77 / 48	85 / 71 / 45	85 / 66 / 41	85 / 61 / 39	85 / 57 / 36	85 / 53 / 34	85 / 50 / 31	82 / 44 / 28	72 / 39 / 25	65 / 35 / 22	61 / 33 / 21	54 / 29 / 18		
		7 to 27	QMPV QBlock	96 / 96 / 74	96 / 94 / 68	96 / 91 / 62	96 / 88 / 57	96 / 82 / 52	96 / 75 / 48	96 / 70 / 45	96 / 65 / 42	96 / 60 / 39	93 / 56 / 36	91 / 53 / 34	88 / 46 / 30	80 / 41 / 26	72 / 37 / 24	68 / 37 / 23	61 / 33 / 21	54 / 29 / 18	
		27 to 45	QMPV QBlock	104 / 104 / 104	100 / 100 / 100	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	82 / 82 / 82	79 / 79 / 79	77 / 77 / 77	75 / 75 / 75	71 / 66 / 66	67 / 59 / 38	64 / 53 / 34	59 / 46 / 46	52 / 41 / 41	47 / 37 / 37	
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 81 / 81	79 / 75 / 75	77 / 70 / 70	74 / 66 / 66	72 / 62 / 62	68 / 55 / 55	62 / 49 / 49	56 / 44 / 44	52 / 41 / 41	47 / 37 / 37	42 / 32 / 24	
	D	0 to 7	QMPV QBlock	85 / 85 / 58	85 / 84 / 53	85 / 77 / 48	85 / 70 / 44	85 / 65 / 41	85 / 60 / 38	85 / 55 / 35	85 / 51 / 32	85 / 48 / 30	83 / 45 / 28	78 / 42 / 26	68 / 37 / 23	61 / 33 / 21	54 / 29 / 18	50 / 40 / 30	45 / 35 / 24	40 / 30 / 20	
		7 to 27	QMPV QBlock	98 / 91 / 62	98 / 88 / 57	98 / 81 / 52	98 / 74 / 47	98 / 68 / 44	97 / 63 / 40	95 / 58 / 37	94 / 54 / 35	92 / 51 / 32	89 / 47 / 30	86 / 44 / 28	76 / 39 / 25	67 / 35 / 22	60 / 31 / 20	56 / 46 / 46	52 / 41 / 41	47 / 37 / 37	
		27 to 45	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	74 / 72 / 72	71 / 67 / 67	69 / 63 / 63	65 / 56 / 56	60 / 49 / 49	53 / 44 / 44	49 / 39 / 29	44 / 34 / 24	39 / 29 / 19	34 / 24 / 14
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	87 / 87 / 87	84 / 84 / 84	81 / 79 / 79	78 / 73 / 73	76 / 68 / 68	73 / 63 / 63	71 / 59 / 59	69 / 55 / 55	66 / 52 / 52	59 / 46 / 46	52 / 41 / 41	47 / 37 / 37	42 / 32 / 24	37 / 27 / 17	32 / 22 / 12	27 / 17 / 7
15 psf	B	0 to 7	QMPV QBlock	78 / 78 / 78	78 / 78 / 78	78 / 78 / 78	78 / 78 / 75	78 / 78 / 69	78 / 78 / 64	78 / 78 / 59	78 / 78 / 55	78 / 78 / 51	78 / 76 / 48	78 / 71 / 45	78 / 63 / 39	78 / 55 / 35	78 / 49 / 31	76 / 68 / 68	72 / 61 / 61		
		7 to 27	QMPV QBlock	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 89 / 81	89 / 89 / 74	89 / 89 / 69	89 / 89 / 64	89 / 89 / 59	89 / 86 / 55	89 / 80 / 51								

Maximum Rail Spans			SnapRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE, QMCS, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.5) -- 72-cell																	
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->		110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph		
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	
30 psf	B	0 to 7	QMPV QBlock	71 / 71 / 71	71 / 71 / 71	71 / 71 / 71	71 / 71 / 71	71 / 71 / 69	71 / 71 / 64	71 / 71 / 59	71 / 71 / 55	71 / 71 / 51	71 / 71 / 48	71 / 71 / 45	71 / 71 / 42	71 / 63 / 39	71 / 55 / 35	71 / 49 / 31		
		7 to 27	QMPV QBlock	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 69	76 / 76 / 64	76 / 76 / 59	76 / 76 / 55	76 / 76 / 51	76 / 76 / 48	76 / 76 / 45	76 / 76 / 42	76 / 66 / 39	75 / 59 / 38	73 / 52 / 34		
		27 to 45	QMPV QBlock	95 / 95 / 95	95 / 95 / 95	95 / 95 / 95	95 / 95 / 95	95 / 95 / 93	93 / 93 / 93	91 / 91 / 91	89 / 89 / 89	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	81 / 81 / 81	81 / 81 / 81	81 / 81 / 81	81 / 81 / 81	81 / 81 / 81	81 / 81 / 81
		45 to 90	QMPV QBlock	108 / 108 / 108	105 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	80 / 77 / 77	76 / 68 / 68	72 / 61 / 61			
	C	0 to 7	QMPV QBlock	71 / 71 / 69	71 / 71 / 63	71 / 71 / 57	71 / 71 / 53	71 / 71 / 48	71 / 71 / 45	71 / 66 / 41	71 / 61 / 39	71 / 57 / 36	71 / 53 / 34	71 / 50 / 31	71 / 44 / 28	71 / 39 / 25	65 / 35 / 22			
		7 to 27	QMPV QBlock	76 / 76 / 74	76 / 76 / 68	76 / 76 / 62	76 / 76 / 57	76 / 76 / 52	76 / 75 / 48	76 / 70 / 45	76 / 65 / 42	75 / 60 / 39	74 / 56 / 36	73 / 53 / 34	72 / 46 / 30	70 / 41 / 26	68 / 37 / 24			
		27 to 45	QMPV QBlock	95 / 95 / 95	93 / 93 / 93	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	75 / 75 / 75	71 / 66 / 66	67 / 59 / 59	64 / 53 / 53			
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 81 / 81	79 / 75 / 75	77 / 70 / 70	74 / 66 / 66	72 / 62 / 62	68 / 55 / 55	62 / 49 / 49	56 / 44 / 44			
	D	0 to 7	QMPV QBlock	72 / 72 / 58	72 / 72 / 53	72 / 72 / 48	72 / 72 / 44	72 / 65 / 41	72 / 60 / 38	72 / 55 / 35	72 / 51 / 32	72 / 48 / 30	72 / 45 / 28	72 / 42 / 26	68 / 37 / 23	61 / 33 / 21	54 / 29 / 18			
		7 to 27	QMPV QBlock	78 / 78 / 62	78 / 78 / 57	78 / 78 / 52	78 / 74 / 47	78 / 68 / 44	78 / 63 / 40	77 / 58 / 37	76 / 54 / 35	75 / 51 / 32	74 / 47 / 30	73 / 44 / 28	71 / 39 / 25	67 / 35 / 22	60 / 31 / 20			
		27 to 45	QMPV QBlock	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	74 / 72 / 72	71 / 67 / 67	69 / 63 / 63	65 / 56 / 56	60 / 49 / 49	53 / 44 / 44			
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	87 / 87 / 87	84 / 84 / 84	81 / 79 / 79	78 / 73 / 73	76 / 68 / 68	73 / 63 / 63	71 / 59 / 59	69 / 55 / 55	66 / 52 / 52	59 / 46 / 46	52 / 41 / 41	47 / 37 / 37			
35 psf	B	0 to 7	QMPV QBlock	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 64	67 / 67 / 59	67 / 67 / 55	67 / 67 / 51	67 / 67 / 48	67 / 67 / 45	67 / 63 / 39	67 / 55 / 35	67 / 49 / 31				
		7 to 27	QMPV QBlock	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 69	72 / 72 / 64	72 / 72 / 59	72 / 72 / 55	72 / 72 / 51	72 / 72 / 48	72 / 66 / 42	72 / 59 / 38	70 / 52 / 34			
		27 to 45	QMPV QBlock	91 / 91 / 91	91 / 91 / 91	91 / 91 / 91	91 / 91 / 91	91 / 91 / 91	90 / 90 / 90	89 / 89 / 89	87 / 87 / 87	85 / 85 / 85	84 / 84 / 84	82 / 82 / 82	79 / 79 / 79	77 / 77 / 77	74 / 74 / 74			
		45 to 90	QMPV QBlock	108 / 108 / 108	108 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	80 / 77 / 77	76 / 68 / 68	72 / 61 / 61			
	C	0 to 7	QMPV QBlock	67 / 67 / 67	67 / 67 / 63	67 / 67 / 57	67 / 67 / 53	67 / 67 / 48	67 / 67 / 45	67 / 66 / 41	67 / 61 / 39	67 / 57 / 36	67 / 53 / 34	67 / 50 / 31	67 / 44 / 28	67 / 39 / 25	65 / 35 / 22			
		7 to 27	QMPV QBlock	72 / 72 / 72	72 / 72 / 68	72 / 72 / 62	72 / 72 / 57	72 / 72 / 52	72 / 72 / 48	72 / 70 / 45	72 / 65 / 42	72 / 60 / 39	71 / 56 / 36	70 / 53 / 34	69 / 46 / 30	67 / 41 / 26	66 / 37 / 24			
		27 to 45	QMPV QBlock	91 / 91 / 91	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	76 / 76 / 76	74 / 74 / 74	71 / 66 / 66	67 / 59 / 59	64 / 53 / 53			
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 81 / 81	79 / 75 / 75	77 / 70 / 70	74 / 66 / 66	72 / 62 / 62	68 / 55 / 55	62 / 49 / 49	56 / 44 / 44			
	D	0 to 7	QMPV QBlock	70 / 70 / 58	70 / 70 / 53	70 / 70 / 48	70 / 70 / 44	70 / 65 / 41	70 / 60 / 38	70 / 55 / 35	70 / 51 / 32	70 / 48 / 30	70 / 45 / 28	70 / 42 / 26	68 / 37 / 23	61 / 33 / 21	54 / 29 / 18			
		7 to 27	QMPV QBlock	75 / 75 / 62	75 / 75 / 57	75 / 75 / 52	75 / 74 / 47	75 / 68 / 44	75 / 63 / 40	74 / 58 / 37	73 / 54 / 35	72 / 51 / 32	71 / 47 / 30	70 / 44 / 28	69 / 39 / 25	67 / 35 / 22	60 / 31 / 20			
		27 to 45	QMPV QBlock	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	79 / 79 / 79	78 / 78 / 78	76 / 76 / 76	74 / 72 / 72	71 / 67 / 67	69 / 63 / 63	65 / 56 / 56	60 / 49 / 49	53 / 44 / 44			
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	87 / 87 / 87	84 / 84 / 84	81 / 79 / 79	78 / 73 / 73	76 / 68 / 68	73 / 63 / 63	71 / 59 / 59	69 / 55 / 55	66 / 52 / 52	59 / 46 / 46	52 / 41 / 41	47 / 37 / 37			
40 psf	B	0 to 7	QMPV QBlock	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 59	64 / 64 / 55	64 / 64 / 51	64 / 64 / 48	64 / 64 / 45	64 / 63 / 39	64 / 55 / 35	64 / 49 / 31				
		7 to 27	QMPV QBlock	10 / 70 / 10	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 69	70 / 70 / 64	70 / 70 / 59	70 / 70 / 55	70 / 70 / 51	70 / 70 / 48	70 / 66 / 42	69 / 59 / 38	68 / 52 / 34			
		27 to 45	QMPV QBlock	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	85 / 85 / 85	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	78 / 78 / 78	75 / 75 / 75	73 / 73 / 73			
		45 to 90	QMPV QBlock	108 / 108 / 108	108 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	80 / 77 / 77	76 / 68 / 68	72 / 61 / 61			
	C	0 to 7	QMPV QBlock	64 / 64 / 64	64 / 64 / 63	64 / 64 / 57	64 / 64 / 53	64 / 64 / 48	64 / 64 / 45	64 / 64 / 41	64 / 61 / 39	64 / 57 / 36	64 / 53 / 34	64 / 50 / 31	64 / 44 / 28	64 / 39 / 25	64 / 35 / 22			
		7 to 27	QMPV QBlock	10 / 70 / 10	70 / 70 / 68	70 / 70 / 62	70 / 70 / 57	70 / 70 / 52	70 / 70 / 48	70 / 70 / 45	70 / 65 / 42	69 / 60 / 39	68 / 56 / 36	68 / 53 / 34	66 / 46 / 30	65 / 41 / 26	64 / 37 / 24			
		27 to 45	QMPV QBlock	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	76 / 76 / 76	74 / 74 / 74	73 / 73 / 73	70 / 66 / 66	67 / 59 / 59	64 / 53 / 53			
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 81 / 81	79 / 75 / 75	77 / 70 / 70	74 / 66 / 66	72 / 62 / 62	68 / 55 / 55	62 / 49 / 49	56 / 44 / 44			
	D	0 to 7	QMPV QBlock	67 / 67 / 58	67 / 67 / 53	67 / 67 / 48	67 / 67 / 44	67 / 65 / 41	67 / 60 / 38	67 / 55 / 35	67 / 51 / 32	67 / 48 / 30	67 / 45 / 28	67 / 42 / 26	67 / 37 / 23	61 / 33 / 21	54 / 29 / 18			
		7 to 27	QMPV QBlock	72 / 72 / 62	72 / 72 / 57	72 / 72 / 52	72 / 72 / 47	72 / 68 / 44	72 / 63 / 40	71 / 58 / 37	70 / 54 / 35	70 / 51 / 32	69 / 47 / 30	68 / 44 / 28	66 / 39 / 25	65 / 35 / 22	60 / 31 / 20			
		27 to 45	QMPV QBlock	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 80 / 80	78 / 78 / 78	76 / 76 / 76	75 / 75 / 75	73 / 72 / 72	71 / 67 / 67	69 / 63 / 63	65 / 56 / 56	60 / 49 / 49	53 / 44 / 44			
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	87 / 87 / 87	84 / 84 / 84	81 / 79 / 79	78 / 73 / 73	76 / 68 / 68	73 / 63 / 63	71 / 59 / 59	69 / 55 / 55	66 / 52 / 52	59 / 46 / 46	52 / 41 / 41	47 / 37 / 37			
45 psf	B	0 to 7	QMPV QBlock	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 59	61 / 61 / 55	61 / 61 / 51	61 / 61 / 48	61 / 61 / 45	61 / 61 / 39	61 / 55 / 35	61 / 49 / 31				
		7 to 27	QMPV QBlock	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	
		27 to 45	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	80 / 80 / 80	79 / 79 / 79	76 / 76 / 76	74 / 74 / 74	71 / 71 / 71	
		45 to 90	QMPV QBlock	108 / 108 / 108	108 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	80 / 77 / 77	76 / 68 / 68	72 / 61 / 61			
	C	0 to 7	QMPV QBlock	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 53	61 / 61 / 48	61 / 61 / 45	61 / 61 / 41	61 / 61 / 39	61 / 57 / 36	61 / 53 / 34	61 / 50 / 31	61 / 44 / 28	61 / 39 / 25	61 / 35 / 22			
		7 to 27	QMPV QBlock	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	
		27 to 45	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	76 / 76 / 76	74 / 74 / 74	73 / 73 / 73	72 / 72 / 72	69 / 66 / 66	66 / 59 / 59	64 / 53 / 53		
		45 to 90	QMPV QBlock	102 /																

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 30 to 60 foot Roof -- QMPV QBlock Mount QMSE, QMSC, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.5) -- 60-Cell																	
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed -> Roof Zone ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph			
				1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	
0 psf	B	0 to 7	QMPV QBlock	110 / 106 / 90	110 / 103 / 87	110 / 99 / 81	110 / 97 / 74	110 / 94 / 69	110 / 91 / 63	110 / 89 / 59	107 / 87 / 54	105 / 81 / 51	102 / 75 / 47	100 / 70 / 44	96 / 62 / 39	92 / 55 / 37	88 / 49 / 31	84 / 43 / 28		
		7 to 27	QMPV QBlock	112 / 108 / 92	112 / 104 / 90	112 / 101 / 87	112 / 98 / 80	112 / 96 / 74	112 / 93 / 68	112 / 91 / 63	111 / 88 / 59	109 / 85 / 55	106 / 80 / 51	103 / 74 / 48	99 / 66 / 42	95 / 58 / 37	91 / 52 / 33	87 / 47 / 29	83 / 43 / 28	
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	112 / 112 / 112	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	74 / 74 / 74	70 / 70 / 70	66 / 66 / 66
		45 to 90	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 101 / 101	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	74 / 74 / 74	70 / 70 / 70	66 / 66 / 66	62 / 62 / 62
	C	0 to 7	QMPV QBlock	110 / 95 / 72	110 / 92 / 66	110 / 89 / 60	108 / 87 / 55	104 / 81 / 51	102 / 75 / 47	99 / 69 / 44	96 / 64 / 40	94 / 60 / 38	92 / 56 / 35	90 / 52 / 33	85 / 46 / 29	81 / 43 / 28	77 / 41 / 26	73 / 37 / 23	69 / 33 / 20	
		7 to 27	QMPV QBlock	112 / 97 / 78	112 / 94 / 71	112 / 91 / 65	111 / 88 / 59	108 / 85 / 55	105 / 79 / 51	103 / 73 / 47	100 / 68 / 43	97 / 63 / 40	95 / 58 / 37	93 / 54 / 35	91 / 51 / 33	89 / 47 / 30	81 / 42 / 27	72 / 37 / 24	64 / 33 / 21	57 / 47 / 47
		27 to 45	QMPV QBlock	106 / 106 / 106	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	72 / 69 / 69	68 / 62 / 62	65 / 55 / 55	62 / 57 / 57	59 / 46 / 46	56 / 44 / 44
		45 to 90	QMPV QBlock	104 / 103 / 103	99 / 99 / 99	96 / 96 / 96	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 74 / 74	75 / 69 / 69	73 / 65 / 65	69 / 57 / 57	65 / 51 / 51	59 / 46 / 46	56 / 44 / 44	50 / 40 / 40	47 / 47 / 47
	D	0 to 7	QMPV QBlock	110 / 91 / 62	109 / 88 / 56	105 / 82 / 51	102 / 75 / 47	99 / 69 / 44	97 / 64 / 40	94 / 59 / 37	92 / 55 / 35	90 / 51 / 32	87 / 48 / 30	83 / 45 / 28	73 / 39 / 25	65 / 35 / 22	58 / 31 / 20	53 / 31 / 20	48 / 31 / 20	43 / 21 / 20
		7 to 27	QMPV QBlock	112 / 92 / 66	112 / 89 / 61	109 / 87 / 55	106 / 79 / 51	103 / 73 / 47	100 / 68 / 43	97 / 63 / 40	95 / 58 / 37	93 / 54 / 35	91 / 51 / 33	89 / 47 / 30	81 / 42 / 27	72 / 37 / 24	64 / 33 / 21	57 / 47 / 47	52 / 47 / 47	47 / 47 / 47
		27 to 45	QMPV QBlock	100 / 100 / 100	96 / 96 / 96	93 / 93 / 93	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	73 / 72 / 72	71 / 68 / 68	67 / 60 / 60	64 / 53 / 53	57 / 47 / 47	47 / 47 / 47	42 / 47 / 47	37 / 47 / 47
		45 to 90	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 73 / 73	75 / 68 / 68	73 / 64 / 64	70 / 60 / 60	68 / 56 / 56	63 / 50 / 50	56 / 44 / 44	50 / 40 / 40	47 / 47 / 47	42 / 47 / 47	37 / 47 / 47
5 psf	B	0 to 7	QMPV QBlock	105 / 105 / 90	105 / 103 / 87	105 / 99 / 81	105 / 97 / 74	105 / 94 / 69	105 / 91 / 63	105 / 89 / 59	105 / 87 / 54	105 / 81 / 51	102 / 75 / 47	100 / 70 / 44	96 / 62 / 39	92 / 55 / 37	88 / 49 / 31	84 / 43 / 28		
		7 to 27	QMPV QBlock	112 / 108 / 92	112 / 104 / 90	112 / 101 / 87	112 / 98 / 80	112 / 96 / 74	112 / 93 / 68	112 / 91 / 63	111 / 88 / 59	109 / 85 / 55	106 / 80 / 51	103 / 74 / 48	99 / 66 / 42	95 / 58 / 37	91 / 52 / 33	87 / 47 / 29	83 / 43 / 28	
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	112 / 112 / 112	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	74 / 74 / 74	70 / 70 / 70	66 / 66 / 66
		45 to 90	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 107 / 107	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	74 / 74 / 74	70 / 70 / 70	66 / 66 / 66	62 / 62 / 62
	C	0 to 7	QMPV QBlock	105 / 95 / 72	105 / 92 / 66	105 / 89 / 60	105 / 87 / 55	104 / 81 / 51	102 / 75 / 47	99 / 69 / 44	96 / 64 / 40	94 / 60 / 38	92 / 56 / 35	90 / 52 / 33	85 / 46 / 29	81 / 43 / 28	77 / 41 / 26	73 / 37 / 23	69 / 33 / 20	
		7 to 27	QMPV QBlock	112 / 97 / 78	112 / 94 / 71	112 / 91 / 65	111 / 88 / 59	108 / 85 / 55	105 / 79 / 51	103 / 73 / 47	100 / 68 / 43	97 / 63 / 40	95 / 58 / 37	93 / 54 / 35	91 / 51 / 33	89 / 47 / 30	81 / 42 / 27	72 / 37 / 24	64 / 33 / 21	57 / 47 / 47
		27 to 45	QMPV QBlock	106 / 106 / 106	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	72 / 69 / 69	68 / 62 / 62	65 / 55 / 55	62 / 57 / 57	59 / 46 / 46	56 / 44 / 44
		45 to 90	QMPV QBlock	104 / 103 / 103	99 / 99 / 99	96 / 96 / 96	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 74 / 74	75 / 69 / 69	73 / 65 / 65	69 / 57 / 57	65 / 51 / 51	59 / 46 / 46	56 / 44 / 44	50 / 40 / 40	47 / 47 / 47
	D	0 to 7	QMPV QBlock	105 / 91 / 62	105 / 88 / 56	105 / 82 / 51	102 / 75 / 47	99 / 69 / 44	97 / 64 / 40	94 / 59 / 37	92 / 55 / 35	90 / 51 / 32	87 / 48 / 30	83 / 45 / 28	73 / 39 / 25	65 / 35 / 22	58 / 31 / 20	53 / 31 / 20	48 / 31 / 20	43 / 21 / 20
		7 to 27	QMPV QBlock	112 / 92 / 66	112 / 89 / 61	109 / 87 / 55	106 / 79 / 51	103 / 73 / 47	100 / 68 / 43	97 / 63 / 40	95 / 58 / 37	93 / 54 / 35	91 / 51 / 33	89 / 47 / 30	81 / 42 / 27	72 / 37 / 24	64 / 33 / 21	57 / 47 / 47	52 / 47 / 47	47 / 47 / 47
		27 to 45	QMPV QBlock	100 / 100 / 100	96 / 96 / 96	93 / 93 / 93	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	73 / 72 / 72	71 / 68 / 68	67 / 60 / 60	64 / 53 / 53	57 / 47 / 47	47 / 47 / 47	42 / 47 / 47	37 / 47 / 47
		45 to 90	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 73 / 73	75 / 68 / 68	73 / 64 / 64	70 / 60 / 60	68 / 56 / 56	63 / 50 / 50	56 / 44 / 44	50 / 40 / 40	47 / 47 / 47	42 / 47 / 47	37 / 47 / 47
10 psf	B	0 to 7	QMPV QBlock	93 / 93 / 90	93 / 93 / 87	93 / 93 / 81	93 / 93 / 74	93 / 93 / 69	93 / 91 / 63	93 / 89 / 59	93 / 87 / 54	93 / 81 / 51	93 / 75 / 47	93 / 70 / 44	93 / 62 / 39	92 / 55 / 37	88 / 49 / 31	84 / 43 / 28		
		7 to 27	QMPV QBlock	104 / 104 / 92	104 / 104 / 90	104 / 101 / 87	104 / 98 / 80	104 / 96 / 74	104 / 93 / 68	104 / 91 / 63	104 / 88 / 59	104 / 85 / 55	104 / 80 / 51	103 / 74 / 48	99 / 66 / 42	95 / 58 / 37	91 / 52 / 33	87 / 47 / 29	83 / 43 / 28	
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	112 / 112 / 112	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	74 / 74 / 74	70 / 70 / 70	66 / 66 / 66
		45 to 90	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 107 / 107	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	74 / 74 / 74	70 / 70 / 70	66 / 66 / 66	62 / 62 / 62
	C	0 to 7	QMPV QBlock	93 / 93 / 72	93 / 92 / 66	93 / 89 / 60	93 / 87 / 55	93 / 81 / 51	93 / 75 / 47	93 / 69 / 44	93 / 64 / 40	93 / 59 / 37	93 / 51 / 32	87 / 48 / 30	83 / 45 / 28	73 / 39 / 25	65 / 35 / 22	58 / 31 / 20	53 / 31 / 20	48 / 31 / 20
		7 to 27	QMPV QBlock	104 / 97 / 78	104 / 94 / 71	104 / 91 / 65	104 / 88 / 59	104 / 85 / 55	104 / 79 / 51	103 / 73 / 47	100 / 68 / 43	97 / 63 / 40	95 / 58 / 37	93 / 54 / 35	91 / 51 / 33	89 / 47 / 30	81 / 42 / 27	72 / 37 / 24	64 / 33 / 21	57 / 47 / 47
		27 to 45	QMPV QBlock	106 / 106 / 106	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	72 / 69 / 69	68 / 62 / 62	65 / 55 / 55	62 / 57 / 57	59 / 46 / 46	56 / 44 / 44
		45 to 90	QMPV QBlock	104 / 103 / 103	99 / 99 / 99	96 / 96 / 96	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 74 / 74	75 / 69 / 69	73 / 65 / 65	69 / 57 / 57	65 / 51 / 51	59 / 46 / 46	56 / 44 / 44	50 / 40 / 40	47 / 47 / 47
	D	0 to 7	QMPV QBlock	93 / 91 / 62	93 / 88 / 56	93 / 82 / 51	93 / 75 / 47	93 / 69 / 44	93 / 64 / 40	93 / 59 / 37	92 / 55 / 35	90 / 51 / 32	87 / 48 / 30	83 / 45 / 28	73 / 39 / 25	65 / 35 / 22	58 / 31 / 20	53 / 31 / 20	48 / 31 / 20	43 / 21 / 20
		7 to 27	QMPV QBlock	106 / 92 / 66	106 / 89 / 61	106 / 87 / 55	106 / 79 / 51	103 / 73 / 47	100 / 68 / 43	97 / 63 / 40	95 / 58 / 37	93 / 54 / 35	91 / 51 / 33	89 / 47 / 30	81 / 42 / 27	72 / 37 / 24	64 / 33 / 21	57 / 47 / 47	52 / 47 / 47	47 / 47 / 47
		27 to 45	QMPV QBlock	100 / 100 / 100	96 / 96 / 96	93 / 93 / 93	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	73 / 72 / 72	71 / 68 / 68	67 / 60 / 60	64 / 53 / 53	57 / 47 / 47	47 / 47 / 47	42 / 47 / 47	37 / 47 / 47
		45 to 90	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 73 / 73	75 / 68 / 68	73 / 64 / 64	70 / 60 / 60	68 / 56 / 56	63 / 50 / 50	56 / 44 / 44	50 / 40 / 40	47 / 47 / 47	42 / 47 / 47	37 / 47 / 47
15 psf	B	0 to 7	QMPV QBlock	84 / 84 / 84	84 / 84 / 84	84 / 84 / 81	84 / 84 / 74	84 / 84 / 69	84 / 84 / 63	84 / 84 / 59	84 / 84 / 54	84 / 81 / 51	84 / 75 / 47	84 / 70 / 44	84 / 62 / 39	84 / 55 / 37	84 / 49 / 31	84 / 43 / 28		
		7 to 27	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 73 / 73	75 / 68 / 68	73 / 64 / 64	70 / 60 / 60	68 / 56 / 56	63 / 50 / 50	56 / 44 / 44	50 / 40 / 40	47 / 47 / 47	42 / 47 / 47	
		27 to 45	QMPV QBlock	114 /																

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 30 to 60 foot Roof -- QMPV QBlock Mount QMSE, QMSC, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.5) -- 60-Cell															
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph	
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3
30 psf	B	0 to 7	QMPV QBlock	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 74	77 / 77 / 69	77 / 77 / 63	77 / 77 / 59	77 / 77 / 54	77 / 77 / 51	77 / 75 / 47	77 / 70 / 44	77 / 66 / 39	77 / 55 / 35	77 / 49 / 31	
		7 to 27	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 80	82 / 82 / 74	82 / 82 / 68	82 / 82 / 63	82 / 82 / 59	82 / 82 / 55	82 / 80 / 51	82 / 74 / 47	80 / 66 / 42	79 / 58 / 37	77 / 52 / 33	
		27 to 45	QMPV QBlock	103 / 103 / 103	103 / 103 / 103	102 / 102 / 102	100 / 100 / 100	98 / 98 / 98	96 / 96 / 96	94 / 94 / 94	92 / 92 / 92	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	78 / 78 / 78	74 / 74 / 74
		45 to 90	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 107 / 107	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	79 / 77 / 77	75 / 68 / 68	71 / 61 / 61	
	C	0 to 7	QMPV QBlock	77 / 77 / 72	77 / 77 / 66	77 / 77 / 60	77 / 77 / 55	77 / 77 / 51	77 / 75 / 47	77 / 69 / 44	77 / 64 / 40	77 / 60 / 38	77 / 56 / 35	77 / 52 / 33	77 / 46 / 29	76 / 41 / 26	68 / 37 / 23	
		7 to 27	QMPV QBlock	82 / 82 / 78	82 / 82 / 71	82 / 82 / 65	82 / 82 / 59	82 / 82 / 55	82 / 79 / 51	82 / 73 / 47	81 / 68 / 44	80 / 63 / 41	79 / 59 / 38	78 / 55 / 36	76 / 49 / 31	74 / 43 / 28	72 / 39 / 25	
		27 to 45	QMPV QBlock	99 / 99 / 99	96 / 96 / 96	94 / 94 / 94	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	72 / 69 / 69	68 / 62 / 62	65 / 55 / 55	
		45 to 90	QMPV QBlock	104 / 103 / 103	99 / 99 / 99	96 / 96 / 96	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 74 / 74	75 / 69 / 69	73 / 65 / 65	69 / 57 / 57	65 / 51 / 51	59 / 46 / 46	
	D	0 to 7	QMPV QBlock	78 / 78 / 62	78 / 78 / 56	78 / 78 / 51	78 / 75 / 47	78 / 69 / 44	78 / 64 / 40	78 / 59 / 37	78 / 55 / 35	78 / 51 / 32	78 / 48 / 30	78 / 45 / 28	73 / 39 / 25	65 / 35 / 22	58 / 31 / 20	
		7 to 27	QMPV QBlock	85 / 85 / 66	85 / 85 / 61	85 / 85 / 55	85 / 79 / 51	84 / 73 / 47	83 / 68 / 43	82 / 63 / 40	81 / 58 / 37	80 / 54 / 35	79 / 51 / 33	77 / 47 / 30	75 / 42 / 27	72 / 37 / 24	64 / 33 / 21	
		27 to 45	QMPV QBlock	97 / 97 / 97	94 / 94 / 94	91 / 91 / 91	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	73 / 72 / 72	71 / 68 / 68	67 / 60 / 60	64 / 53 / 53	57 / 47 / 47	
		45 to 90	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 73 / 73	75 / 68 / 68	73 / 64 / 64	70 / 60 / 60	68 / 56 / 56	63 / 50 / 50	56 / 44 / 44	50 / 40 / 40	
35 psf	B	0 to 7	QMPV QBlock	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 69	73 / 73 / 63	73 / 73 / 59	73 / 73 / 54	73 / 73 / 51	73 / 73 / 47	73 / 70 / 44	73 / 62 / 39	73 / 55 / 35	73 / 49 / 31	
		7 to 27	QMPV QBlock	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 74	79 / 79 / 68	79 / 79 / 63	79 / 79 / 59	79 / 79 / 55	79 / 79 / 51	78 / 74 / 48	77 / 66 / 42	75 / 58 / 37	74 / 52 / 33	
		27 to 45	QMPV QBlock	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	95 / 95 / 95	93 / 93 / 93	91 / 91 / 91	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	81 / 81 / 81	78 / 78 / 78	74 / 74 / 74	
		45 to 90	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 107 / 107	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	79 / 77 / 77	75 / 68 / 68	71 / 61 / 61	
	C	0 to 7	QMPV QBlock	73 / 73 / 72	73 / 73 / 66	73 / 73 / 60	73 / 73 / 55	73 / 73 / 51	73 / 73 / 47	73 / 69 / 44	73 / 64 / 40	73 / 60 / 38	73 / 56 / 35	73 / 52 / 33	73 / 46 / 29	73 / 41 / 26	68 / 37 / 23	
		7 to 27	QMPV QBlock	79 / 79 / 78	79 / 79 / 71	79 / 79 / 65	79 / 79 / 59	79 / 79 / 55	79 / 79 / 51	78 / 73 / 47	77 / 68 / 44	76 / 63 / 41	75 / 59 / 38	75 / 55 / 36	73 / 49 / 31	71 / 43 / 28	69 / 39 / 25	
		27 to 45	QMPV QBlock	96 / 96 / 96	94 / 94 / 94	92 / 92 / 92	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 80 / 80	78 / 78 / 78	76 / 76 / 76	72 / 69 / 69	68 / 62 / 62	65 / 55 / 55	
		45 to 90	QMPV QBlock	104 / 103 / 103	99 / 99 / 99	96 / 96 / 96	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 74 / 74	75 / 69 / 69	73 / 65 / 65	69 / 57 / 57	65 / 51 / 51	59 / 46 / 46	
	D	0 to 7	QMPV QBlock	76 / 76 / 62	76 / 76 / 56	76 / 76 / 51	76 / 76 / 44	76 / 76 / 40	76 / 76 / 36	76 / 76 / 32	76 / 76 / 30	76 / 76 / 28	76 / 76 / 26	76 / 76 / 24	73 / 39 / 25	65 / 35 / 22	58 / 31 / 20	
		7 to 27	QMPV QBlock	82 / 82 / 66	82 / 82 / 61	82 / 82 / 55	82 / 79 / 51	81 / 73 / 47	80 / 68 / 43	79 / 63 / 40	78 / 58 / 37	77 / 54 / 35	76 / 51 / 33	75 / 47 / 30	73 / 42 / 27	71 / 37 / 24	64 / 33 / 21	
		27 to 45	QMPV QBlock	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	73 / 72 / 72	71 / 68 / 68	67 / 60 / 60	64 / 53 / 53	57 / 47 / 47	
		45 to 90	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 73 / 73	75 / 68 / 68	73 / 64 / 64	70 / 60 / 60	68 / 56 / 56	63 / 50 / 50	56 / 44 / 44	50 / 40 / 40	
40 psf	B	0 to 7	QMPV QBlock	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 69	70 / 70 / 63	70 / 70 / 59	70 / 70 / 54	70 / 70 / 51	70 / 70 / 47	70 / 70 / 44	70 / 66 / 39	70 / 55 / 35	70 / 49 / 31	
		7 to 27	QMPV QBlock	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 74	76 / 76 / 74	76 / 76 / 74	76 / 76 / 69	76 / 76 / 65	76 / 76 / 61	75 / 74 / 48	74 / 66 / 42	73 / 58 / 37	71 / 52 / 33	
		27 to 45	QMPV QBlock	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	91 / 91 / 91	89 / 89 / 89	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	83 / 83 / 83	80 / 80 / 80	77 / 77 / 77	74 / 74 / 74
		45 to 90	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 107 / 107	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	79 / 77 / 77	75 / 68 / 68	71 / 61 / 61	
	C	0 to 7	QMPV QBlock	70 / 70 / 70	70 / 70 / 66	70 / 70 / 60	70 / 70 / 55	70 / 70 / 51	70 / 70 / 47	70 / 69 / 44	70 / 64 / 40	70 / 60 / 38	70 / 56 / 35	70 / 52 / 33	70 / 46 / 29	70 / 41 / 26	68 / 37 / 23	
		7 to 27	QMPV QBlock	76 / 76 / 76	76 / 76 / 71	76 / 76 / 65	76 / 76 / 59	76 / 76 / 55	76 / 76 / 51	75 / 73 / 47	74 / 68 / 44	73 / 63 / 41	73 / 59 / 38	72 / 55 / 36	70 / 49 / 31	69 / 43 / 28	67 / 39 / 25	
		27 to 45	QMPV QBlock	93 / 93 / 93	92 / 92 / 92	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 80 / 80	79 / 79 / 79	77 / 77 / 77	75 / 75 / 75	72 / 69 / 69	68 / 62 / 62	65 / 55 / 55	
		45 to 90	QMPV QBlock	104 / 103 / 103	99 / 99 / 99	96 / 96 / 96	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 74 / 74	75 / 69 / 69	73 / 65 / 65	69 / 57 / 57	65 / 51 / 51	59 / 46 / 46	
	D	0 to 7	QMPV QBlock	73 / 73 / 62	73 / 73 / 56	73 / 73 / 51	73 / 73 / 47	73 / 69 / 44	73 / 64 / 40	73 / 59 / 37	73 / 55 / 35	73 / 51 / 32	73 / 48 / 30	73 / 45 / 28	72 / 39 / 25	65 / 35 / 22	58 / 31 / 20	
		7 to 27	QMPV QBlock	78 / 78 / 66	78 / 78 / 61	78 / 78 / 55	78 / 78 / 51	78 / 73 / 47	77 / 68 / 43	76 / 63 / 40	75 / 58 / 37	74 / 54 / 35	73 / 51 / 33	72 / 47 / 30	70 / 42 / 27	69 / 37 / 24	64 / 33 / 21	
		27 to 45	QMPV QBlock	93 / 93 / 93	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 80 / 80	78 / 78 / 78	76 / 76 / 76	73 / 72 / 72	71 / 68 / 68	67 / 60 / 60	64 / 53 / 53	57 / 47 / 47	
		45 to 90	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 73 / 73	75 / 68 / 68	73 / 64 / 64	70 / 60 / 60	68 / 56 / 56	63 / 50 / 50	56 / 44 / 44	50 / 40 / 40	
45 psf	B	0 to 7	QMPV QBlock	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 63	67 / 67 / 59	67 / 67 / 54	67 / 67 / 51	67 / 67 / 47	67 / 67 / 44	67 / 62 / 39	67 / 55 / 35	67 / 49 / 31	
		7 to 27	QMPV QBlock	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 68	73 / 73 / 63	73 / 73 / 59	73 / 73 / 54	73 / 73 / 51	72 / 72 / 48	71 / 66 / 42	71 / 58 / 37	69 / 52 / 33	
		27 to 45	QMPV QBlock	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	75 / 75 / 75	73 / 73 / 73		
		45 to 90	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 107 / 107	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	79 / 77 / 77	75 / 68 / 68	71 / 61 / 61	
	C	0 to 7	QMPV QBlock	67 / 67 / 67	67 / 67 / 66	67 / 67 / 60	67 / 67 / 55	67 / 67 / 51	67 / 67 / 47	67 / 67 / 44	67 / 64 / 40	67 / 60 / 38	67 / 56 / 35	67 / 52 / 33	67 / 46 / 29	67 / 41 / 26	66 / 37 / 23	
		7 to 27	QMPV QBlock	73 / 73 / 73	73 / 73 / 71	73 / 73 / 65	73 / 73 / 59	73 / 73 / 55	73 / 73 / 51	72 / 72 / 47	72 / 68 / 44	71 / 63 / 41	70 / 59 / 38	69 / 55 / 36	68 / 49 / 31	67 / 43 / 28	65 / 39 / 25	
		27 to 45	QMPV QBlock	89 / 89 / 89	89 / 89 / 89	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	76 / 76 / 76	74 / 74 / 74	71 / 69 / 69	68 / 62 / 62	65 / 55 / 55	
		45 to 90	QMPV QBlock	104 / 103 / 103	99 / 99 / 99	96 / 96 / 96	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	80 / 79 / 79	78 / 74 / 74	75 / 69 / 69	73 / 65 / 65	69 / 57 / 57	65 / 51 / 51	59 / 46 / 46	
	D	0 to 7	QMPV QBlock	70 / 70 / 62	70 / 70 / 56	70 / 70 / 51	70 / 70 / 47	70 / 69 / 44	70 / 64 / 40	70 / 59 / 37	70 / 55 / 35	70 / 51 / 32	70 / 48 / 30	70 / 45 / 28	69 / 39 / 25	65 / 35 / 22	58 / 31 / 20	
		7 to 27																

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 30 to 60 foot Roof -- QMPV QBlock Mount QMSE, QMSC, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.5) -- 72-Cell																	
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->		110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph		
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	
0 psf	B	0 to 7	QMPV QBlock	101 / 100 / 80	101 / 97 / 73	101 / 94 / 67	101 / 91 / 61	101 / 89 / 56	101 / 83 / 52	101 / 77 / 48	101 / 71 / 45	99 / 66 / 42	97 / 62 / 39	94 / 58 / 36	90 / 51 / 32	84 / 45 / 28	75 / 40 / 25			
		7 to 27	QMPV QBlock	103 / 102 / 86	103 / 99 / 79	103 / 96 / 72	103 / 93 / 66	103 / 90 / 61	103 / 88 / 56	103 / 81 / 52	103 / 75 / 48	103 / 70 / 45	100 / 65 / 42	98 / 61 / 39	94 / 54 / 35	90 / 48 / 31	83 / 43 / 27			
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	103 / 103 / 103	99 / 99 / 99	96 / 96 / 96	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	82 / 82 / 82	80 / 80 / 80	76 / 76 / 76	72 / 68 / 68	68 / 61 / 61	64 / 50 / 50		
		45 to 90	QMPV QBlock	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	97 / 97 / 97	94 / 94 / 94	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	82 / 81 / 81	80 / 76 / 76	77 / 71 / 71	73 / 63 / 63	69 / 56 / 56	64 / 50 / 50			
	C	0 to 7	QMPV QBlock	101 / 90 / 59	101 / 87 / 54	101 / 79 / 49	101 / 72 / 45	99 / 67 / 42	96 / 61 / 39	94 / 57 / 36	91 / 53 / 33	89 / 49 / 31	86 / 46 / 29	80 / 43 / 27	70 / 38 / 24	62 / 34 / 21	55 / 30 / 19			
		7 to 27	QMPV QBlock	103 / 92 / 64	103 / 89 / 58	103 / 83 / 53	103 / 76 / 49	102 / 70 / 45	100 / 65 / 42	97 / 60 / 38	94 / 56 / 36	92 / 52 / 33	90 / 49 / 31	88 / 45 / 29	78 / 40 / 26	69 / 35 / 23	62 / 32 / 20			
		27 to 45	QMPV QBlock	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	87 / 87 / 87	84 / 84 / 84	82 / 82 / 82	79 / 79 / 79	77 / 77 / 77	74 / 73 / 73	72 / 68 / 68	69 / 64 / 64	67 / 59 / 59	65 / 56 / 56	59 / 49 / 49	53 / 43 / 43	47 / 39 / 39	
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 81 / 81	79 / 75 / 75	76 / 70 / 70	74 / 65 / 65	71 / 61 / 61	69 / 57 / 57	67 / 53 / 53	60 / 47 / 47	54 / 42 / 42	48 / 38 / 38			
	D	0 to 7	QMPV QBlock	101 / 81 / 51	101 / 74 / 46	100 / 67 / 42	97 / 62 / 39	94 / 57 / 36	91 / 53 / 33	89 / 49 / 31	84 / 45 / 28	78 / 42 / 27	73 / 39 / 25	68 / 37 / 23	60 / 32 / 20	53 / 29 / 18	47 / 26 / 16			
		7 to 27	QMPV QBlock	103 / 86 / 55	103 / 78 / 50	103 / 71 / 46	100 / 65 / 42	97 / 60 / 39	95 / 56 / 36	92 / 51 / 33	90 / 48 / 31	87 / 45 / 29	81 / 42 / 27	76 / 39 / 25	67 / 34 / 22	59 / 30 / 20	53 / 27 / 17			
		27 to 45	QMPV QBlock	92 / 92 / 92	88 / 88 / 88	85 / 85 / 85	82 / 82 / 82	79 / 79 / 79	77 / 77 / 77	74 / 73 / 73	72 / 68 / 68	69 / 64 / 64	67 / 59 / 59	65 / 56 / 56	59 / 49 / 49	53 / 43 / 43	47 / 39 / 39			
		45 to 90	QMPV QBlock	89 / 89 / 89	86 / 86 / 86	83 / 82 / 82	79 / 76 / 76	77 / 70 / 70	74 / 65 / 65	71 / 60 / 60	69 / 56 / 56	67 / 52 / 52	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	46 / 36 / 36	41 / 32 / 32			
5 psf	B	0 to 7	QMPV QBlock	96 / 96 / 80	96 / 96 / 73	96 / 94 / 67	96 / 91 / 61	96 / 89 / 56	96 / 83 / 52	96 / 77 / 48	96 / 71 / 45	96 / 66 / 42	96 / 62 / 39	94 / 58 / 36	90 / 51 / 32	84 / 45 / 28	75 / 40 / 25			
		7 to 27	QMPV QBlock	103 / 102 / 86	103 / 99 / 79	103 / 96 / 72	103 / 93 / 66	103 / 90 / 61	103 / 88 / 56	103 / 81 / 52	103 / 75 / 48	103 / 70 / 45	100 / 65 / 42	98 / 61 / 39	94 / 54 / 35	90 / 48 / 31	83 / 43 / 27			
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	103 / 103 / 103	99 / 99 / 99	96 / 96 / 96	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	82 / 82 / 82	80 / 80 / 80	76 / 76 / 76	72 / 68 / 68	68 / 61 / 61	64 / 50 / 50		
		45 to 90	QMPV QBlock	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	97 / 97 / 97	94 / 94 / 94	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	82 / 81 / 81	80 / 76 / 76	77 / 71 / 71	73 / 63 / 63	69 / 56 / 56	64 / 50 / 50			
	C	0 to 7	QMPV QBlock	96 / 90 / 59	96 / 87 / 54	96 / 79 / 49	96 / 72 / 45	96 / 64 / 42	96 / 61 / 39	94 / 57 / 36	91 / 53 / 33	89 / 49 / 31	86 / 46 / 29	80 / 43 / 27	70 / 38 / 24	62 / 34 / 21	55 / 30 / 19			
		7 to 27	QMPV QBlock	103 / 92 / 64	103 / 89 / 58	103 / 83 / 53	103 / 76 / 49	102 / 70 / 45	100 / 65 / 42	97 / 60 / 38	94 / 56 / 36	92 / 52 / 33	90 / 49 / 31	88 / 45 / 29	78 / 40 / 26	69 / 35 / 23	62 / 32 / 20			
		27 to 45	QMPV QBlock	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	87 / 87 / 87	84 / 84 / 84	82 / 82 / 82	79 / 79 / 79	77 / 77 / 77	74 / 73 / 73	72 / 68 / 68	69 / 64 / 64	67 / 59 / 59	65 / 56 / 56	59 / 49 / 49	53 / 43 / 43	47 / 39 / 39	
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 81 / 81	79 / 75 / 75	76 / 70 / 70	74 / 65 / 65	71 / 61 / 61	69 / 57 / 57	67 / 53 / 53	60 / 47 / 47	54 / 42 / 42	48 / 38 / 38			
	D	0 to 7	QMPV QBlock	96 / 81 / 51	96 / 74 / 46	96 / 67 / 42	96 / 62 / 39	94 / 57 / 36	91 / 53 / 33	89 / 49 / 31	84 / 45 / 28	78 / 42 / 27	73 / 39 / 25	68 / 37 / 23	60 / 32 / 20	53 / 29 / 18	47 / 26 / 16			
		7 to 27	QMPV QBlock	103 / 86 / 55	103 / 78 / 50	103 / 71 / 46	100 / 65 / 42	97 / 60 / 39	95 / 56 / 36	92 / 51 / 33	90 / 48 / 31	87 / 45 / 29	81 / 42 / 27	76 / 39 / 25	67 / 34 / 22	59 / 30 / 20	53 / 27 / 17			
		27 to 45	QMPV QBlock	92 / 92 / 92	88 / 88 / 88	85 / 85 / 85	82 / 82 / 82	79 / 79 / 79	77 / 77 / 77	74 / 73 / 73	72 / 68 / 68	69 / 64 / 64	67 / 59 / 59	65 / 56 / 56	59 / 49 / 49	53 / 43 / 43	47 / 39 / 39			
		45 to 90	QMPV QBlock	89 / 89 / 89	86 / 86 / 86	83 / 82 / 82	79 / 76 / 76	77 / 70 / 70	74 / 65 / 65	71 / 60 / 60	69 / 56 / 56	67 / 52 / 52	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	46 / 36 / 36	41 / 32 / 32			
10 psf	B	0 to 7	QMPV QBlock	85 / 85 / 80	85 / 85 / 73	85 / 85 / 67	85 / 85 / 61	85 / 85 / 56	85 / 83 / 52	85 / 77 / 48	85 / 71 / 45	85 / 66 / 42	85 / 62 / 39	85 / 58 / 36	85 / 51 / 32	84 / 45 / 28	75 / 40 / 25			
		7 to 27	QMPV QBlock	96 / 96 / 86	96 / 96 / 79	96 / 96 / 72	96 / 93 / 66	96 / 90 / 61	96 / 88 / 56	96 / 81 / 52	96 / 75 / 48	96 / 70 / 45	96 / 65 / 42	95 / 61 / 39	92 / 54 / 35	89 / 48 / 31	83 / 43 / 27			
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	103 / 103 / 103	99 / 99 / 99	96 / 96 / 96	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	82 / 82 / 82	80 / 80 / 80	76 / 76 / 76	72 / 68 / 68	68 / 61 / 61	64 / 50 / 50		
		45 to 90	QMPV QBlock	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	97 / 97 / 97	94 / 94 / 94	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	82 / 81 / 81	80 / 76 / 76	77 / 71 / 71	73 / 63 / 63	69 / 56 / 56	64 / 50 / 50			
	C	0 to 7	QMPV QBlock	85 / 85 / 59	85 / 85 / 54	85 / 79 / 49	85 / 72 / 45	85 / 67 / 42	85 / 61 / 39	85 / 57 / 36	85 / 53 / 33	85 / 49 / 31	85 / 46 / 29	80 / 43 / 27	70 / 38 / 24	62 / 34 / 21	55 / 30 / 19			
		7 to 27	QMPV QBlock	96 / 92 / 64	96 / 89 / 58	96 / 83 / 53	96 / 76 / 49	96 / 70 / 45	96 / 65 / 42	94 / 60 / 38	93 / 56 / 36	91 / 52 / 33	89 / 49 / 31	87 / 45 / 29	78 / 40 / 26	69 / 35 / 23	62 / 32 / 20			
		27 to 45	QMPV QBlock	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	87 / 87 / 87	84 / 84 / 84	82 / 82 / 82	79 / 79 / 79	77 / 77 / 77	74 / 73 / 73	72 / 68 / 68	69 / 64 / 64	67 / 59 / 59	65 / 56 / 56	59 / 49 / 49	53 / 43 / 43	47 / 39 / 39	
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 81 / 81	79 / 75 / 75	76 / 70 / 70	74 / 65 / 65	71 / 61 / 61	69 / 57 / 57	67 / 53 / 53	60 / 47 / 47	54 / 42 / 42	48 / 38 / 38			
	D	0 to 7	QMPV QBlock	85 / 81 / 51	85 / 74 / 46	85 / 67 / 42	85 / 62 / 39	85 / 57 / 36	85 / 53 / 33	85 / 49 / 31	84 / 45 / 28	78 / 42 / 27	73 / 39 / 25	68 / 37 / 23	60 / 32 / 20	53 / 29 / 18	47 / 26 / 16			
		7 to 27	QMPV QBlock	98 / 86 / 55	98 / 78 / 50	98 / 71 / 46	98 / 65 / 42	96 / 60 / 39	94 / 57 / 36	92 / 51 / 33	90 / 48 / 31	87 / 45 / 29	81 / 42 / 27	76 / 39 / 25	67 / 34 / 22	59 / 30 / 20	53 / 27 / 17			
		27 to 45	QMPV QBlock	92 / 92 / 92	88 / 88 / 88	85 / 85 / 85	82 / 82 / 82	79 / 79 / 79	77 / 77 / 77	74 / 73 / 73	72 / 68 / 68	69 / 64 / 64	67 / 59 / 59	65 / 56 / 56	59 / 49 / 49	53 / 43 / 43	47 / 39 / 39			
		45 to 90	QMPV QBlock	89 / 89 / 89	86 / 86 / 86	83 / 82 / 82	79 / 76 / 76	77 / 70 / 70	74 / 65 / 65	71 / 60 / 60	69 / 56 / 56	67 / 52 / 52	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	46 / 36 / 36	41 / 32 / 32			
15 psf	B	0 to 7	QMPV QBlock	78 / 78 / 78	78 / 78 / 73	78 / 78 / 67	78 / 78 / 61	78 / 78 / 56	78 / 78 / 52	78 / 77 / 48	78 / 71 / 45	78 / 66 / 42	78 / 62 / 39	78 / 58 / 36	78 / 51 / 32	78 / 45 / 28	75 / 40 / 25			
		7 to 27	QMPV QBlock	89 / 89 / 89	86 / 86 / 86	83 / 82 / 82	79 / 76 / 76	77 / 70 / 70	74 / 65 / 65	71 / 60 / 60	69 / 56 / 56	67 / 52 / 52	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	46 / 36 / 36	41 / 32 / 32			
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	103 / 103 / 103	99 / 99 / 99	96 / 96 / 96	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	82 / 82 / 82	80 / 80 / 80	76 / 76 / 76	72 / 68 / 68	68 / 61 / 61	64 / 50 / 50		
		45 to 90	QMPV QBlock	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	97 / 97 / 97	94 / 94 / 94	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	82 / 81 / 81	80 / 76 / 76	77 / 71 / 71	73 / 63 / 63	69 / 56 / 56	64 / 50 / 50			
	C	0 to 7	QMPV QBlock	78 / 78 / 59	78 / 78 / 54	78 / 78 / 49	78 / 72 / 45	78 / 67 / 42	78 / 61 / 39	78 / 57 / 36	78 / 53 / 33	78 / 49 / 31	78 / 46 / 29	78 / 43 / 27	70 / 38 / 24	62 / 34 / 21	55 / 30 / 19			
		7 to 27	QMPV QBlock	89 / 89 / 64	89 / 89 / 58	89 / 83 / 53	89 / 76 / 49	89 / 70 / 45	89 / 65 / 42	88 / 60 / 38	87 / 56 / 36	85 / 52 / 33	84 / 49 / 31	82 / 45 / 29	78 / 40 / 26	69 / 35 / 23	62 / 32 / 20			
		27 to 45	QMPV QBlock	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	87 / 87 / 87	84 / 84 / 84	82 / 82 / 82	79 / 79 / 79	77 / 77 / 77	74 / 74 / 74</								

Maximum Rail Spans			SnapRack UR-60 Rail Flush-Mount on 30 to 60 foot Roof -- QMPV QBlock Mount QMSE, QMSC, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.5) -- 72-Cell																
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed -> Roof Zone ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph		
				1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3
30 psf	B	0 to 7	QMPV QBlock	71 / 71 / 71	71 / 71 / 71	71 / 71 / 61	71 / 71 / 61	71 / 71 / 56	71 / 71 / 52	71 / 71 / 48	71 / 71 / 45	71 / 66 / 42	71 / 62 / 39	71 / 58 / 36	71 / 51 / 32	71 / 45 / 28	71 / 40 / 25		
		7 to 27	QMPV QBlock	76 / 76 / 76	76 / 76 / 76	76 / 76 / 72	76 / 76 / 66	76 / 76 / 61	76 / 76 / 56	76 / 76 / 52	76 / 75 / 48	76 / 70 / 45	76 / 65 / 42	75 / 61 / 39	74 / 54 / 35	72 / 48 / 31	71 / 43 / 27		
		27 to 45	QMPV QBlock	95 / 95 / 95	95 / 95 / 95	94 / 94 / 94	92 / 92 / 92	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	80 / 76 / 76	79 / 79 / 79	78 / 76 / 76	77 / 76 / 76	76 / 68 / 68	68 / 61 / 61
		45 to 90	QMPV QBlock	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	97 / 97 / 97	94 / 94 / 94	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	82 / 81 / 81	80 / 76 / 76	77 / 71 / 71	73 / 63 / 63	69 / 56 / 56	64 / 50 / 50		
	C	0 to 7	QMPV QBlock	71 / 71 / 59	71 / 71 / 54	71 / 71 / 49	71 / 71 / 45	71 / 67 / 42	71 / 61 / 39	71 / 57 / 36	71 / 53 / 33	71 / 49 / 31	71 / 46 / 29	71 / 43 / 27	70 / 38 / 24	62 / 34 / 21	55 / 30 / 19		
		7 to 27	QMPV QBlock	76 / 76 / 64	76 / 76 / 58	76 / 76 / 53	76 / 76 / 49	76 / 70 / 45	76 / 65 / 42	76 / 60 / 38	74 / 56 / 36	73 / 52 / 33	72 / 49 / 31	71 / 45 / 29	70 / 40 / 26	68 / 35 / 23	62 / 32 / 20		
		27 to 45	QMPV QBlock	91 / 91 / 91	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 80 / 80	78 / 78 / 78	76 / 76 / 76	74 / 74 / 74	72 / 69 / 69	70 / 65 / 65	66 / 57 / 57	61 / 51 / 51	55 / 45 / 45		
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 81 / 81	79 / 75 / 75	76 / 70 / 70	74 / 65 / 65	71 / 61 / 61	69 / 57 / 57	67 / 53 / 53	60 / 47 / 47	54 / 42 / 42	48 / 38 / 38		
	D	0 to 7	QMPV QBlock	72 / 72 / 51	72 / 72 / 46	72 / 67 / 42	72 / 62 / 39	72 / 57 / 36	72 / 53 / 33	72 / 49 / 31	72 / 45 / 28	72 / 42 / 27	72 / 39 / 25	60 / 32 / 20	53 / 29 / 18	47 / 26 / 16			
		7 to 27	QMPV QBlock	78 / 78 / 55	78 / 78 / 50	78 / 71 / 46	78 / 65 / 42	78 / 60 / 39	76 / 56 / 36	75 / 51 / 33	74 / 48 / 31	73 / 45 / 29	72 / 42 / 27	71 / 39 / 25	67 / 34 / 22	59 / 30 / 20	53 / 27 / 17		
		27 to 45	QMPV QBlock	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	79 / 79 / 79	77 / 77 / 77	74 / 73 / 73	72 / 68 / 68	69 / 64 / 64	67 / 59 / 59	65 / 56 / 56	59 / 49 / 49	53 / 43 / 43	47 / 39 / 39		
		45 to 90	QMPV QBlock	89 / 89 / 89	86 / 86 / 86	83 / 82 / 82	79 / 76 / 76	77 / 70 / 70	74 / 65 / 65	71 / 60 / 60	69 / 56 / 56	67 / 52 / 52	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	46 / 36 / 36	41 / 32 / 32		
35 psf	B	0 to 7	QMPV QBlock	67 / 67 / 67	67 / 67 / 67	67 / 67 / 61	67 / 67 / 56	67 / 67 / 52	67 / 67 / 48	67 / 67 / 45	67 / 66 / 42	67 / 62 / 39	67 / 58 / 36	67 / 51 / 32	67 / 45 / 28	67 / 40 / 25			
		7 to 27	QMPV QBlock	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 66	72 / 72 / 61	72 / 72 / 56	72 / 72 / 52	72 / 72 / 48	72 / 70 / 45	72 / 65 / 42	72 / 61 / 39	71 / 54 / 35	69 / 48 / 31	68 / 43 / 27		
		27 to 45	QMPV QBlock	91 / 91 / 91	91 / 91 / 91	91 / 91 / 91	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	78 / 78 / 78	77 / 77 / 77	75 / 75 / 75	72 / 68 / 68	68 / 61 / 61		
		45 to 90	QMPV QBlock	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	97 / 97 / 97	94 / 94 / 94	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	82 / 81 / 81	80 / 76 / 76	77 / 71 / 71	73 / 63 / 63	69 / 56 / 56	64 / 50 / 50		
	C	0 to 7	QMPV QBlock	67 / 67 / 59	67 / 67 / 54	67 / 67 / 49	67 / 67 / 45	67 / 67 / 42	67 / 61 / 39	67 / 57 / 36	67 / 53 / 33	67 / 49 / 31	67 / 46 / 29	67 / 43 / 27	67 / 38 / 24	62 / 34 / 21	55 / 30 / 19		
		7 to 27	QMPV QBlock	72 / 72 / 64	72 / 72 / 58	72 / 72 / 53	72 / 72 / 49	72 / 70 / 45	72 / 65 / 42	72 / 60 / 38	71 / 56 / 36	70 / 52 / 33	69 / 49 / 31	69 / 45 / 29	67 / 40 / 26	65 / 35 / 23	62 / 32 / 20		
		27 to 45	QMPV QBlock	89 / 89 / 89	87 / 87 / 87	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	75 / 75 / 75	73 / 73 / 73	72 / 69 / 69	70 / 65 / 65	66 / 57 / 57	61 / 51 / 51	55 / 45 / 45		
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 81 / 81	79 / 75 / 75	76 / 70 / 70	74 / 65 / 65	71 / 61 / 61	69 / 57 / 57	67 / 53 / 53	60 / 47 / 47	54 / 42 / 42	48 / 38 / 38		
	D	0 to 7	QMPV QBlock	70 / 70 / 51	70 / 70 / 46	70 / 67 / 42	70 / 62 / 39	70 / 57 / 36	70 / 53 / 33	70 / 49 / 31	70 / 45 / 28	70 / 42 / 27	70 / 39 / 25	68 / 37 / 23	60 / 32 / 20	53 / 29 / 18	47 / 26 / 16		
		7 to 27	QMPV QBlock	75 / 75 / 55	75 / 75 / 50	75 / 71 / 46	75 / 65 / 42	74 / 60 / 39	73 / 56 / 36	72 / 51 / 33	72 / 48 / 31	71 / 45 / 29	70 / 42 / 27	69 / 39 / 25	67 / 34 / 22	59 / 30 / 20	53 / 27 / 17		
		27 to 45	QMPV QBlock	87 / 87 / 87	85 / 85 / 85	82 / 82 / 82	80 / 80 / 80	78 / 78 / 78	76 / 76 / 76	74 / 73 / 73	72 / 68 / 68	69 / 64 / 64	67 / 59 / 59	65 / 56 / 56	59 / 49 / 49	53 / 43 / 43	47 / 39 / 39		
		45 to 90	QMPV QBlock	89 / 89 / 89	86 / 86 / 86	83 / 82 / 82	79 / 76 / 76	77 / 70 / 70	74 / 65 / 65	71 / 60 / 60	69 / 56 / 56	67 / 52 / 52	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	46 / 36 / 36	41 / 32 / 32		
40 psf	B	0 to 7	QMPV QBlock	64 / 64 / 64	64 / 64 / 64	64 / 64 / 61	64 / 64 / 56	64 / 64 / 52	64 / 64 / 48	64 / 64 / 45	64 / 64 / 42	64 / 62 / 39	64 / 58 / 36	64 / 51 / 32	64 / 45 / 28	64 / 40 / 25			
		7 to 27	QMPV QBlock	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 66	70 / 70 / 61	70 / 70 / 56	70 / 70 / 52	70 / 70 / 48	70 / 70 / 45	70 / 65 / 42	69 / 61 / 39	68 / 54 / 35	67 / 48 / 31	65 / 43 / 27		
		27 to 45	QMPV QBlock	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	78 / 78 / 78	76 / 76 / 76	73 / 73 / 73	71 / 68 / 68	68 / 61 / 61		
		45 to 90	QMPV QBlock	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	97 / 97 / 97	94 / 94 / 94	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	82 / 81 / 81	80 / 76 / 76	77 / 71 / 71	73 / 63 / 63	69 / 56 / 56	64 / 50 / 50		
	C	0 to 7	QMPV QBlock	64 / 64 / 59	64 / 64 / 54	64 / 64 / 49	64 / 64 / 45	64 / 64 / 42	64 / 61 / 39	64 / 57 / 36	64 / 53 / 33	64 / 49 / 31	64 / 46 / 29	64 / 43 / 27	64 / 38 / 24	62 / 34 / 21	55 / 30 / 19		
		7 to 27	QMPV QBlock	70 / 70 / 64	70 / 70 / 58	70 / 70 / 53	70 / 70 / 49	70 / 70 / 45	70 / 65 / 42	69 / 60 / 38	68 / 56 / 36	67 / 52 / 33	67 / 49 / 31	66 / 45 / 29	65 / 40 / 26	63 / 35 / 23	62 / 32 / 20		
		27 to 45	QMPV QBlock	86 / 86 / 86	84 / 84 / 84	83 / 83 / 83	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	75 / 75 / 75	74 / 74 / 74	72 / 72 / 72	71 / 69 / 69	69 / 65 / 65	66 / 57 / 57	61 / 51 / 51	55 / 45 / 45		
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 81 / 81	79 / 75 / 75	76 / 70 / 70	74 / 65 / 65	71 / 61 / 61	69 / 57 / 57	67 / 53 / 53	60 / 47 / 47	54 / 42 / 42	48 / 38 / 38		
	D	0 to 7	QMPV QBlock	67 / 67 / 51	67 / 67 / 46	67 / 67 / 42	67 / 62 / 39	67 / 57 / 36	67 / 53 / 33	67 / 49 / 31	67 / 45 / 28	67 / 42 / 27	67 / 39 / 25	67 / 37 / 23	60 / 32 / 20	53 / 29 / 18	47 / 26 / 16		
		7 to 27	QMPV QBlock	72 / 72 / 55	72 / 72 / 50	72 / 71 / 46	72 / 65 / 42	72 / 60 / 39	71 / 56 / 36	70 / 51 / 33	69 / 48 / 31	68 / 45 / 29	67 / 42 / 27	66 / 39 / 25	65 / 34 / 22	59 / 30 / 20	53 / 27 / 17		
		27 to 45	QMPV QBlock	85 / 85 / 85	83 / 83 / 83	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	75 / 75 / 75	73 / 73 / 73	72 / 68 / 68	69 / 64 / 64	67 / 59 / 59	65 / 56 / 56	59 / 49 / 49	53 / 43 / 43	47 / 39 / 39		
		45 to 90	QMPV QBlock	89 / 89 / 89	86 / 86 / 86	83 / 82 / 82	79 / 76 / 76	77 / 70 / 70	74 / 65 / 65	71 / 60 / 60	69 / 56 / 56	67 / 52 / 52	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	46 / 36 / 36	41 / 32 / 32		
45 psf	B	0 to 7	QMPV QBlock	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 56	61 / 61 / 52	61 / 61 / 48	61 / 61 / 45	61 / 61 / 42	61 / 61 / 39	61 / 58 / 36	61 / 51 / 32	61 / 45 / 28	61 / 40 / 25		
		7 to 27	QMPV QBlock	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 66	67 / 67 / 61	67 / 67 / 56	67 / 67 / 52	67 / 67 / 48	67 / 67 / 45	67 / 65 / 42	67 / 61 / 39	66 / 54 / 35	64 / 48 / 31	63 / 43 / 27		
		27 to 45	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	78 / 78 / 78	76 / 76 / 76	75 / 75 / 75	72 / 72 / 72	72 / 67 / 67	69 / 68 / 68	67 / 61 / 61		
		45 to 90	QMPV QBlock	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	97 / 97 / 97	94 / 94 / 94	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	82 / 81 / 81	80 / 76 / 76	77 / 71 / 71	73 / 63 / 63	69 / 56 / 56	64 / 50 / 50		
	C	0 to 7	QMPV QBlock	61 / 61 / 59	61 / 61 / 54	61 / 61 / 49	61 / 61 / 45	61 / 61 / 42	61 / 61 / 39	61 / 57 / 36	61 / 53 / 33	61 / 49 / 31	61 / 46 / 29	61 / 43 / 27	61 / 38 / 24	61 / 34 / 21	55 / 30 / 19		
		7 to 27	QMPV QBlock	67 / 67 / 64	67 / 67 / 58	67 / 67 / 53	67 / 67 / 49	67 / 67 / 45	67 / 67 / 42	66 / 60 / 38	66 / 56 / 36	65 / 52 / 33	64 / 49 / 31	64 / 45 / 29	63 / 40 / 26	61 / 35 / 23	60 / 32 / 20		
		27 to 45	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	76 / 76 / 76	74 / 74 / 74	73 / 73 / 73	71 / 71 / 71	70 / 69 / 69	68 / 65 / 65	65 / 57 / 57	61 / 51 / 51	55 / 45 / 45		
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 81 / 81	79 / 75 / 75	76 / 70 / 70	74 / 65 / 65	71 / 61 / 61	69 / 57 / 57	67 / 53 / 53	60 / 47 / 47	54 / 42 / 42	48 / 38 / 38		
	D	0 to 7	QMPV QBlock	64 / 64 / 51	64 / 64 / 46	64 / 64 / 42	64 / 62 / 39	64 / 57 / 36	64 / 53 / 33	64 / 49 / 31	64 / 45 / 28	64 / 42 / 27	64 / 39 / 25	64 / 37 / 23	60 / 32 / 20	53 / 29 / 18	47 / 26 / 16		
		7 to 27	QMPV QBlock	70 / 70 / 55	70 / 70 / 50	70 / 70 / 46	70 /												

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 30 to 60 foot Roof -- QMPV QBlock Mount QMSE, QMSC, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.5) -- Landscape																
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->																
			Roof Zone ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph		
			1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3		
0 psf	B	0 to 7	QMPV QBlock	134 / 125 / 106	134 / 121 / 103	134 / 117 / 100	134 / 114 / 97	134 / 111 / 94	134 / 108 / 92	134 / 105 / 90	127 / 102 / 88	123 / 100 / 82	120 / 98 / 76	118 / 95 / 72	113 / 91 / 63	108 / 88 / 56	104 / 79 / 50		
		7 to 27	QMPV QBlock	135 / 123 / 106	135 / 119 / 102	135 / 116 / 100	135 / 113 / 97	135 / 110 / 94	135 / 107 / 92	131 / 104 / 90	128 / 102 / 88	125 / 99 / 82	122 / 97 / 77	113 / 91 / 68	112 / 89 / 60	108 / 84 / 54			
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	135 / 134 / 134	132 / 130 / 130	129 / 127 / 127	126 / 123 / 123	124 / 120 / 120	121 / 117 / 117	118 / 114 / 114	114 / 112 / 113	111 / 109 / 109	105 / 105 / 105	162 / 100 / 100	95 / 95 / 95		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 119 / 119	124 / 116 / 116	121 / 113 / 113	118 / 110 / 110	114 / 108 / 108	111 / 105 / 105	107 / 103 / 103	101 / 99 / 99	96 / 95 / 95	91 / 91 / 91		
	C	0 to 7	QMPV QBlock	134 / 112 / 96	134 / 109 / 94	131 / 105 / 90	127 / 102 / 88	123 / 100 / 82	120 / 97 / 76	117 / 94 / 70	114 / 92 / 65	111 / 90 / 61	108 / 88 / 57	106 / 84 / 53	101 / 74 / 47	97 / 66 / 42	94 / 59 / 37		
		7 to 27	QMPV QBlock	135 / 114 / 98	135 / 111 / 95	135 / 107 / 92	131 / 104 / 90	127 / 101 / 87	124 / 99 / 82	121 / 96 / 76	118 / 94 / 70	115 / 92 / 66	112 / 90 / 61	110 / 88 / 57	105 / 79 / 51	101 / 70 / 45	97 / 62 / 40		
		27 to 45	QMPV QBlock	131 / 129 / 129	127 / 125 / 125	124 / 121 / 121	121 / 117 / 117	117 / 114 / 114	113 / 111 / 111	110 / 108 / 108	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	92 / 92 / 92	87 / 87 / 87	83 / 83 / 83		
		45 to 90	QMPV QBlock	128 / 121 / 121	125 / 117 / 117	122 / 114 / 114	118 / 111 / 111	114 / 108 / 108	110 / 105 / 105	106 / 102 / 102	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	88 / 88 / 88	83 / 83 / 83	79 / 74 / 74		
	D	0 to 7	QMPV QBlock	132 / 107 / 91	128 / 103 / 88	124 / 100 / 83	120 / 97 / 76	117 / 95 / 70	114 / 92 / 65	111 / 90 / 60	108 / 88 / 56	105 / 83 / 52	103 / 77 / 49	101 / 72 / 46	97 / 64 / 40	93 / 57 / 36	89 / 51 / 32		
		7 to 27	QMPV QBlock	135 / 109 / 94	133 / 105 / 91	128 / 102 / 88	125 / 99 / 82	121 / 97 / 76	118 / 94 / 70	115 / 92 / 65	112 / 89 / 60	109 / 87 / 56	107 / 82 / 53	104 / 76 / 49	100 / 67 / 44	96 / 60 / 39	92 / 54 / 35		
		27 to 45	QMPV QBlock	126 / 122 / 122	122 / 119 / 119	118 / 115 / 115	114 / 112 / 112	110 / 109 / 109	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	94 / 94 / 94	91 / 91 / 91	86 / 86 / 86	81 / 81 / 81	77 / 76 / 76		
		45 to 90	QMPV QBlock	123 / 115 / 115	119 / 112 / 112	115 / 108 / 108	110 / 105 / 105	106 / 103 / 103	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	82 / 80 / 80	78 / 71 / 71	74 / 64 / 64		
5 psf	B	0 to 7	QMPV QBlock	130 / 112 / 106	130 / 117 / 100	130 / 114 / 97	130 / 111 / 94	130 / 108 / 92	130 / 105 / 90	127 / 102 / 88	123 / 100 / 82	120 / 98 / 76	118 / 95 / 72	113 / 91 / 63	108 / 88 / 56	104 / 79 / 50			
		7 to 27	QMPV QBlock	135 / 127 / 109	135 / 123 / 106	135 / 119 / 102	135 / 116 / 100	135 / 113 / 97	135 / 110 / 94	135 / 107 / 92	131 / 104 / 90	128 / 102 / 88	125 / 99 / 82	122 / 97 / 77	117 / 93 / 68	112 / 89 / 60	108 / 84 / 54		
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	135 / 134 / 134	132 / 130 / 130	129 / 127 / 127	126 / 123 / 123	124 / 120 / 120	121 / 117 / 117	118 / 114 / 114	114 / 112 / 112	111 / 109 / 109	105 / 105 / 105	100 / 100 / 100	95 / 95 / 95		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 119 / 119	124 / 116 / 116	121 / 113 / 113	118 / 110 / 110	114 / 108 / 108	111 / 105 / 105	107 / 103 / 103	101 / 99 / 99	96 / 95 / 95	91 / 91 / 91		
	C	0 to 7	QMPV QBlock	130 / 112 / 96	130 / 109 / 93	130 / 105 / 90	127 / 102 / 88	123 / 100 / 82	120 / 97 / 76	117 / 94 / 70	114 / 92 / 65	111 / 90 / 61	108 / 88 / 57	106 / 84 / 53	101 / 74 / 47	97 / 66 / 42	94 / 59 / 37		
		7 to 27	QMPV QBlock	135 / 114 / 98	135 / 111 / 95	135 / 107 / 92	131 / 104 / 90	127 / 101 / 87	124 / 99 / 82	121 / 96 / 76	118 / 94 / 70	115 / 92 / 66	112 / 90 / 61	110 / 88 / 57	105 / 79 / 51	101 / 70 / 45	97 / 62 / 40		
		27 to 45	QMPV QBlock	131 / 129 / 129	127 / 125 / 125	124 / 121 / 121	121 / 117 / 117	117 / 114 / 114	113 / 111 / 111	110 / 108 / 108	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	92 / 92 / 92	87 / 87 / 87	83 / 83 / 83		
		45 to 90	QMPV QBlock	128 / 121 / 121	125 / 117 / 117	122 / 114 / 114	118 / 111 / 111	114 / 108 / 108	110 / 105 / 105	106 / 102 / 102	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	88 / 88 / 88	83 / 83 / 83	79 / 74 / 74		
	D	0 to 7	QMPV QBlock	130 / 107 / 91	128 / 103 / 88	124 / 100 / 83	120 / 97 / 76	117 / 95 / 70	114 / 92 / 65	111 / 90 / 60	108 / 88 / 56	105 / 83 / 52	103 / 77 / 49	101 / 72 / 46	97 / 64 / 40	93 / 57 / 36	89 / 51 / 32		
		7 to 27	QMPV QBlock	135 / 109 / 94	133 / 105 / 91	128 / 102 / 88	125 / 99 / 82	121 / 97 / 76	118 / 94 / 70	115 / 92 / 65	112 / 89 / 60	109 / 87 / 56	107 / 82 / 53	104 / 76 / 49	100 / 67 / 44	96 / 60 / 39	92 / 54 / 35		
		27 to 45	QMPV QBlock	126 / 122 / 122	122 / 119 / 119	118 / 115 / 115	114 / 112 / 112	110 / 109 / 109	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	94 / 94 / 94	91 / 91 / 91	86 / 86 / 86	81 / 81 / 81	77 / 76 / 76		
		45 to 90	QMPV QBlock	123 / 115 / 115	119 / 112 / 112	115 / 108 / 108	110 / 105 / 105	106 / 103 / 103	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	82 / 80 / 80	78 / 71 / 71	74 / 64 / 64		
10 psf	B	0 to 7	QMPV QBlock	119 / 119 / 106	119 / 119 / 103	119 / 117 / 100	119 / 114 / 97	119 / 111 / 94	119 / 108 / 92	119 / 105 / 90	117 / 102 / 88	113 / 100 / 82	110 / 98 / 76	118 / 95 / 72	113 / 91 / 63	108 / 88 / 56	104 / 79 / 50		
		7 to 27	QMPV QBlock	129 / 127 / 109	129 / 123 / 106	129 / 119 / 102	129 / 116 / 100	129 / 113 / 97	129 / 110 / 94	129 / 107 / 92	129 / 104 / 90	128 / 102 / 88	125 / 99 / 82	122 / 97 / 77	117 / 93 / 68	112 / 89 / 60	108 / 84 / 54		
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	135 / 134 / 134	132 / 130 / 130	129 / 127 / 127	126 / 123 / 123	124 / 120 / 120	121 / 117 / 117	118 / 114 / 114	114 / 112 / 112	111 / 109 / 109	105 / 105 / 105	100 / 100 / 100	95 / 95 / 95		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 119 / 119	124 / 116 / 116	121 / 113 / 113	118 / 110 / 110	114 / 108 / 108	111 / 105 / 105	107 / 103 / 103	101 / 99 / 99	96 / 95 / 95	91 / 91 / 91		
	C	0 to 7	QMPV QBlock	119 / 112 / 96	119 / 109 / 93	119 / 105 / 90	119 / 102 / 88	119 / 100 / 82	119 / 97 / 76	117 / 94 / 70	114 / 92 / 65	111 / 90 / 61	108 / 88 / 57	106 / 84 / 53	101 / 74 / 47	97 / 66 / 42	94 / 59 / 37		
		7 to 27	QMPV QBlock	129 / 114 / 98	129 / 111 / 95	129 / 107 / 92	129 / 104 / 90	127 / 101 / 87	124 / 99 / 82	121 / 96 / 76	118 / 94 / 70	115 / 92 / 66	112 / 90 / 61	110 / 88 / 57	105 / 79 / 51	101 / 70 / 45	97 / 62 / 40		
		27 to 45	QMPV QBlock	131 / 129 / 129	127 / 125 / 125	124 / 121 / 121	121 / 117 / 117	117 / 114 / 114	113 / 111 / 111	110 / 108 / 108	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	92 / 92 / 92	87 / 87 / 87	83 / 83 / 83		
		45 to 90	QMPV QBlock	128 / 121 / 121	125 / 117 / 117	122 / 114 / 114	118 / 111 / 111	114 / 108 / 108	110 / 105 / 105	106 / 102 / 102	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	88 / 88 / 88	83 / 83 / 83	79 / 74 / 74		
	D	0 to 7	QMPV QBlock	119 / 107 / 91	119 / 103 / 88	119 / 100 / 83	119 / 97 / 76	117 / 95 / 70	114 / 92 / 65	111 / 90 / 60	108 / 88 / 56	105 / 83 / 52	103 / 77 / 49	101 / 72 / 46	97 / 64 / 40	93 / 57 / 36	89 / 51 / 32		
		7 to 27	QMPV QBlock	131 / 109 / 94	131 / 105 / 91	128 / 102 / 88	125 / 99 / 82	121 / 97 / 76	118 / 94 / 70	115 / 92 / 65	112 / 89 / 60	109 / 87 / 56	107 / 82 / 53	104 / 76 / 49	100 / 67 / 44	96 / 60 / 39	92 / 54 / 35		
		27 to 45	QMPV QBlock	126 / 122 / 122	122 / 119 / 119	118 / 115 / 115	114 / 112 / 112	110 / 109 / 109	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	94 / 94 / 94	91 / 91 / 91	86 / 86 / 86	81 / 81 / 81	77 / 76 / 76		
		45 to 90	QMPV QBlock	123 / 115 / 115	119 / 112 / 112	115 / 108 / 108	110 / 105 / 105	106 / 103 / 103	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	82 / 80 / 80	78 / 71 / 71	74 / 64 / 64		
15 psf	B	0 to 7	QMPV QBlock	108 / 108 / 106	108 / 108 / 103	108 / 108 / 100	108 / 108 / 97	108 / 108 / 94	108 / 108 / 92	108 / 108 / 90	108 / 102 / 88	108 / 100 / 82	108 / 98 / 76	108 / 95 / 72	108 / 91 / 63	108 / 88 / 56	104 / 79 / 50		
		7 to 27	QMPV QBlock	123 / 123 / 109	123 / 123 / 106	123 / 119 / 102	123 / 116 / 100	123 / 113 / 97	123 / 110 / 94	123 / 107 / 92	123 / 104 / 90	123 / 102 / 88	123 / 99 / 82	122 / 97 / 77	117 / 93 / 68	112 / 89 / 60	108 / 84 / 54		
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	135 / 134 / 134	132 / 130 / 130	129 / 127 / 127	126 / 123 / 123	124 / 120 / 120	121 / 117 / 117	118 / 114 / 114	114 / 112 / 112	111 / 109 / 109	105 / 105 / 105	100 / 100 / 100	95 / 95 / 95		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 119 / 119	124 / 116 / 116	121 / 113 / 113	118 / 110 / 110	114 / 108 / 108	111 / 105 / 105	107 / 103 / 103	101 / 99 / 99	96 / 95 / 95	91 / 91 / 91		
	C	0 to 7	QMPV QBlock	108 / 108 / 96	108 / 108 / 93	108 / 105 / 90	108 / 102 / 88	108 / 100 / 82	108 / 97 / 76	108 / 94 / 70	108 / 92 / 65	108 / 90 / 61	108 / 88 / 57	106 / 84 / 53	101 / 74 / 47	97 / 66 / 42	94 / 59 / 37		
		7 to 27	QMPV QBlock	123 / 114 / 98	123 / 111 / 95	123 / 107 / 92	123 / 104 / 90	123 / 101 / 87	123 / 99 / 82										

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE, QM5C, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.36) -- 60-cell																
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed -> Roof Zone ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph		
				1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3
0 psf	B	0 to 7	QMPV QBlock	110 / 106 / 65	110 / 96 / 59	110 / 87 / 53	110 / 79 / 49	110 / 73 / 45	110 / 67 / 42	110 / 62 / 38	110 / 57 / 36	102 / 53 / 33	95 / 50 / 31	88 / 46 / 29	77 / 41 / 25	68 / 36 / 23	60 / 32 / 20		
		7 to 27	QMPV QBlock	112 / 111 / 69	112 / 101 / 63	112 / 91 / 57	112 / 84 / 53	112 / 77 / 48	112 / 71 / 45	112 / 65 / 41	112 / 60 / 38	112 / 56 / 36	105 / 52 / 33	98 / 49 / 31	85 / 43 / 27	75 / 38 / 24	67 / 34 / 22		
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	113 / 110 / 110	110 / 101 / 101	106 / 93 / 93	103 / 87 / 87	98 / 80 / 80	91 / 75 / 75	85 / 70 / 70	75 / 62 / 62	66 / 54 / 54	59 / 49 / 49		
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 109 / 109	117 / 100 / 100	115 / 93 / 93	109 / 86 / 86	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 64 / 64	77 / 60 / 60	72 / 56 / 56	64 / 50 / 50	57 / 44 / 44	51 / 40 / 40		
	C	0 to 7	QMPV QBlock	110 / 72 / 45	110 / 66 / 41	110 / 60 / 37	105 / 55 / 34	96 / 50 / 31	88 / 46 / 29	81 / 43 / 27	75 / 40 / 25	70 / 37 / 23	65 / 35 / 22	61 / 32 / 20	53 / 28 / 18	47 / 25 / 16	42 / 23 / 14		
		7 to 27	QMPV QBlock	112 / 76 / 48	112 / 69 / 44	112 / 63 / 40	112 / 58 / 37	107 / 53 / 34	98 / 49 / 31	91 / 45 / 29	84 / 42 / 27	78 / 39 / 25	72 / 37 / 23	68 / 34 / 22	59 / 30 / 19	52 / 27 / 17	47 / 24 / 15		
		27 to 45	QMPV QBlock	113 / 110 / 110	109 / 99 / 99	105 / 91 / 91	101 / 83 / 83	93 / 76 / 76	86 / 70 / 70	79 / 65 / 65	73 / 60 / 60	68 / 56 / 56	64 / 52 / 52	59 / 49 / 49	52 / 43 / 43	46 / 38 / 38	41 / 34 / 34		
		45 to 90	QMPV QBlock	109 / 85 / 85	99 / 78 / 78	91 / 72 / 72	84 / 66 / 66	78 / 61 / 61	72 / 56 / 56	67 / 52 / 52	62 / 49 / 49	58 / 46 / 46	55 / 43 / 43	51 / 40 / 40	45 / 35 / 35	40 / 32 / 32	36 / 28 / 28		
	D	0 to 7	QMPV QBlock	110 / 60 / 38	105 / 55 / 34	95 / 50 / 31	87 / 46 / 29	80 / 42 / 26	73 / 39 / 24	68 / 36 / 23	63 / 33 / 21	58 / 31 / 19	54 / 29 / 18	51 / 27 / 17	44 / 24 / 15	39 / 21 / 13	35 / 19 / 12		
		7 to 27	QMPV QBlock	112 / 64 / 40	112 / 58 / 37	106 / 53 / 34	97 / 48 / 31	89 / 44 / 28	81 / 41 / 26	75 / 38 / 24	70 / 35 / 23	65 / 33 / 21	60 / 31 / 20	56 / 29 / 18	49 / 25 / 16	44 / 22 / 14	39 / 20 / 13		
		27 to 45	QMPV QBlock	105 / 91 / 91	101 / 83 / 83	92 / 76 / 76	84 / 69 / 69	77 / 64 / 64	71 / 59 / 59	66 / 54 / 54	61 / 50 / 50	57 / 47 / 47	53 / 44 / 44	50 / 41 / 41	44 / 36 / 36	39 / 32 / 32	35 / 29 / 29		
		45 to 90	QMPV QBlock	92 / 72 / 72	84 / 66 / 66	77 / 60 / 60	71 / 56 / 56	66 / 51 / 51	61 / 48 / 48	56 / 44 / 44	53 / 41 / 41	49 / 38 / 38	46 / 36 / 36	43 / 34 / 34	38 / 30 / 30	34 / 27 / 27	30 / 24 / 24		
5 psf	B	0 to 7	QMPV QBlock	105 / 105 / 65	105 / 96 / 59	105 / 87 / 53	105 / 79 / 49	105 / 73 / 45	105 / 67 / 42	105 / 62 / 38	105 / 57 / 36	102 / 53 / 33	95 / 50 / 31	88 / 46 / 29	77 / 41 / 25	68 / 36 / 23	60 / 32 / 20		
		7 to 27	QMPV QBlock	112 / 111 / 69	112 / 101 / 63	112 / 91 / 57	112 / 84 / 53	112 / 77 / 48	112 / 71 / 45	112 / 65 / 41	112 / 60 / 38	112 / 56 / 36	105 / 52 / 33	98 / 49 / 31	85 / 43 / 27	75 / 38 / 24	67 / 34 / 22		
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	113 / 110 / 110	110 / 101 / 101	106 / 93 / 93	103 / 87 / 87	98 / 80 / 80	91 / 75 / 75	85 / 70 / 70	75 / 62 / 62	66 / 54 / 54	59 / 49 / 49		
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 109 / 109	117 / 100 / 100	115 / 93 / 93	109 / 86 / 86	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 64 / 64	77 / 60 / 60	72 / 56 / 56	64 / 50 / 50	57 / 44 / 44	51 / 40 / 40		
	C	0 to 7	QMPV QBlock	105 / 72 / 45	105 / 66 / 41	105 / 60 / 37	105 / 55 / 34	96 / 50 / 31	88 / 46 / 29	81 / 43 / 27	75 / 40 / 25	70 / 37 / 23	65 / 35 / 22	61 / 32 / 20	53 / 28 / 18	47 / 25 / 16	42 / 23 / 14		
		7 to 27	QMPV QBlock	112 / 76 / 48	112 / 69 / 44	112 / 63 / 40	112 / 58 / 37	107 / 53 / 34	98 / 49 / 31	91 / 45 / 29	84 / 42 / 27	78 / 39 / 25	72 / 37 / 23	68 / 34 / 22	59 / 30 / 19	52 / 27 / 17	47 / 24 / 15		
		27 to 45	QMPV QBlock	113 / 110 / 110	109 / 99 / 99	105 / 91 / 91	101 / 83 / 83	93 / 76 / 76	86 / 70 / 70	79 / 65 / 65	73 / 60 / 60	68 / 56 / 56	64 / 52 / 52	59 / 49 / 49	52 / 43 / 43	46 / 38 / 38	41 / 34 / 34		
		45 to 90	QMPV QBlock	109 / 85 / 85	99 / 78 / 78	91 / 72 / 72	84 / 66 / 66	78 / 61 / 61	72 / 56 / 56	67 / 52 / 52	62 / 49 / 49	58 / 46 / 46	55 / 43 / 43	51 / 40 / 40	45 / 35 / 35	40 / 32 / 32	36 / 28 / 28		
	D	0 to 7	QMPV QBlock	105 / 60 / 38	105 / 55 / 34	95 / 50 / 31	87 / 46 / 29	80 / 42 / 26	73 / 39 / 24	68 / 36 / 23	63 / 33 / 21	58 / 31 / 19	54 / 29 / 18	51 / 27 / 17	44 / 24 / 15	39 / 21 / 13	35 / 19 / 12		
		7 to 27	QMPV QBlock	112 / 64 / 40	112 / 58 / 37	106 / 53 / 34	97 / 48 / 31	89 / 44 / 28	81 / 41 / 26	75 / 38 / 24	70 / 35 / 23	65 / 33 / 21	60 / 31 / 20	56 / 29 / 18	49 / 25 / 16	44 / 22 / 14	39 / 20 / 13		
		27 to 45	QMPV QBlock	105 / 91 / 91	101 / 83 / 83	92 / 76 / 76	84 / 69 / 69	77 / 64 / 64	71 / 59 / 59	66 / 54 / 54	61 / 50 / 50	57 / 47 / 47	53 / 44 / 44	50 / 41 / 41	44 / 36 / 36	39 / 32 / 32	35 / 29 / 29		
		45 to 90	QMPV QBlock	92 / 72 / 72	84 / 66 / 66	77 / 60 / 60	71 / 56 / 56	66 / 51 / 51	61 / 48 / 48	56 / 44 / 44	53 / 41 / 41	49 / 38 / 38	46 / 36 / 36	43 / 34 / 34	38 / 30 / 30	34 / 27 / 27	30 / 24 / 24		
10 psf	B	0 to 7	QMPV QBlock	93 / 93 / 65	93 / 93 / 59	93 / 87 / 53	93 / 79 / 49	93 / 73 / 45	93 / 67 / 42	93 / 62 / 38	93 / 57 / 36	93 / 53 / 33	86 / 46 / 29	77 / 41 / 25	68 / 36 / 23	60 / 32 / 20			
		7 to 27	QMPV QBlock	104 / 104 / 69	104 / 101 / 63	104 / 91 / 57	104 / 84 / 53	104 / 77 / 48	104 / 71 / 45	104 / 65 / 41	104 / 60 / 38	104 / 56 / 36	104 / 52 / 33	98 / 49 / 31	85 / 43 / 27	75 / 38 / 24	67 / 34 / 22		
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	113 / 110 / 110	110 / 101 / 101	106 / 93 / 93	103 / 87 / 87	98 / 80 / 80	91 / 75 / 75	85 / 70 / 70	75 / 62 / 62	66 / 54 / 54	59 / 49 / 49		
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 109 / 109	117 / 100 / 100	115 / 93 / 93	109 / 86 / 86	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 64 / 64	77 / 60 / 60	72 / 56 / 56	64 / 50 / 50	57 / 44 / 44	51 / 40 / 40		
	C	0 to 7	QMPV QBlock	93 / 72 / 45	93 / 66 / 41	93 / 60 / 37	93 / 55 / 34	93 / 50 / 31	88 / 46 / 29	81 / 43 / 27	75 / 40 / 25	70 / 37 / 23	65 / 35 / 22	61 / 32 / 20	53 / 28 / 18	47 / 25 / 16	42 / 23 / 14		
		7 to 27	QMPV QBlock	104 / 76 / 48	104 / 69 / 44	104 / 63 / 40	104 / 58 / 37	104 / 53 / 34	98 / 49 / 31	91 / 45 / 29	84 / 42 / 27	78 / 39 / 25	72 / 37 / 23	68 / 34 / 22	59 / 30 / 19	52 / 27 / 17	47 / 24 / 15		
		27 to 45	QMPV QBlock	113 / 110 / 110	109 / 99 / 99	105 / 91 / 91	101 / 83 / 83	93 / 76 / 76	86 / 70 / 70	79 / 65 / 65	73 / 60 / 60	68 / 56 / 56	64 / 52 / 52	59 / 49 / 49	52 / 43 / 43	46 / 38 / 38	41 / 34 / 34		
		45 to 90	QMPV QBlock	109 / 85 / 85	99 / 78 / 78	91 / 72 / 72	84 / 66 / 66	78 / 61 / 61	72 / 56 / 56	67 / 52 / 52	62 / 49 / 49	58 / 46 / 46	55 / 43 / 43	51 / 40 / 40	45 / 35 / 35	40 / 32 / 32	36 / 28 / 28		
	D	0 to 7	QMPV QBlock	93 / 60 / 38	93 / 55 / 34	93 / 50 / 31	87 / 46 / 29	80 / 42 / 26	73 / 39 / 24	68 / 36 / 23	63 / 33 / 21	58 / 31 / 19	54 / 29 / 18	51 / 27 / 17	44 / 24 / 15	39 / 21 / 13	35 / 19 / 12		
		7 to 27	QMPV QBlock	106 / 64 / 40	106 / 58 / 37	106 / 53 / 34	97 / 48 / 31	89 / 44 / 28	81 / 41 / 26	75 / 38 / 24	70 / 35 / 23	65 / 33 / 21	60 / 31 / 20	56 / 29 / 18	49 / 25 / 16	44 / 22 / 14	39 / 20 / 13		
		27 to 45	QMPV QBlock	105 / 91 / 91	101 / 83 / 83	92 / 76 / 76	84 / 69 / 69	77 / 64 / 64	71 / 59 / 59	66 / 54 / 54	61 / 50 / 50	57 / 47 / 47	53 / 44 / 44	50 / 41 / 41	44 / 36 / 36	39 / 32 / 32	35 / 29 / 29		
		45 to 90	QMPV QBlock	92 / 72 / 72	84 / 66 / 66	77 / 60 / 60	71 / 56 / 56	66 / 51 / 51	61 / 48 / 48	56 / 44 / 44	53 / 41 / 41	49 / 38 / 38	46 / 36 / 36	43 / 34 / 34	38 / 30 / 30	34 / 27 / 27	30 / 24 / 24		
15 psf	B	0 to 7	QMPV QBlock	84 / 84 / 65	84 / 84 / 59	84 / 84 / 53	84 / 79 / 49	84 / 73 / 45	84 / 67 / 42	84 / 62 / 38	84 / 57 / 36	84 / 53 / 33	84 / 50 / 31	84 / 46 / 29	77 / 41 / 25	68 / 36 / 23	60 / 32 / 20		
		7 to 27	QMPV QBlock	97 / 97 / 69	97 / 97 / 63	97 / 91 / 57	97 / 84 / 53	97 / 77 / 48	97 / 71 / 45	97 / 65 / 41	97 / 60 / 38	97 / 56 / 36	97 / 52 / 33	97 / 49 / 31	85 / 43 / 27	75 / 38 / 24	67 / 34 / 22		
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	113 / 110 / 110	110 / 101 / 101	106 / 93 / 93	103 / 87 / 87	98 / 80 / 80	91 / 75 / 75	85 / 70 / 70	75 / 62 / 62	66 / 54 / 54	59 / 49 / 49		
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 109 / 109	117 / 100 / 100	115 / 93 / 93	109 / 86 / 86	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 64 / 64	77 / 60 / 60	72 / 56 / 56	64 / 50 / 50	57 / 44 / 44	51 / 40 / 40		
	C	0 to 7	QMPV QBlock	84 / 72 / 45	84 / 66 / 41	84 / 60 / 37	84 / 55 / 34	84 / 50 / 31	84 / 46 / 29	81 / 43 / 27	75 / 40 / 25	70 / 37 / 23	65 / 35 / 22	61 / 32 / 20	53 / 28 / 18	47 / 25 / 16	42 / 23 / 14		
		7 to 27	QMPV QBlock	97 / 76 / 48	97 / 69 / 44	97 / 63 / 40	97 / 58 / 37	97 / 53 / 34	97 / 49 / 31	91 / 45 / 29	84 / 42 / 27	78 / 39 / 25	72 / 37 / 23	68 / 34 / 22	59 / 30 / 19	52 / 27 / 17	47 / 24 / 15		
		27 to 45	QMPV QBlock	113 / 110 / 110	109 / 99 / 99	105 / 91 / 91	101 / 83 / 83	93 / 76 / 76	86 / 70 / 70	79 / 65 / 65	73 / 60 / 60	68 / 56 / 56	64 / 52 / 52	59 / 49 / 49	52 / 43 / 43	46 / 38 / 38	41 / 34 / 34		
		45 to 90	QMPV QBlock	109 / 85 / 85	99 / 78 / 78	91 / 72 / 72	84 / 66 / 66	78 / 61 / 61	72 / 56 / 56	67 / 52 / 52	62 / 49 / 49								

Maximum Rail Spans			SnapRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE, QM5C, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.36) -- 60-cell																	
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->		110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph		
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	
30 psf	B	0 to 7	QMPV QBlock	77 / 77 / 65	77 / 77 / 59	77 / 77 / 53	77 / 77 / 49	77 / 73 / 45	77 / 67 / 42	77 / 62 / 38	77 / 57 / 36	77 / 53 / 33	77 / 50 / 31	77 / 46 / 29	77 / 41 / 25	76 / 36 / 23	60 / 32 / 20			
		7 to 27	QMPV QBlock	82 / 82 / 69	82 / 82 / 63	82 / 82 / 57	82 / 82 / 53	82 / 77 / 48	82 / 71 / 45	82 / 65 / 41	82 / 60 / 38	82 / 56 / 36	82 / 52 / 33	82 / 49 / 31	82 / 44 / 27	82 / 38 / 24	67 / 34 / 22			
		27 to 45	QMPV QBlock	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	101 / 101 / 101	99 / 93 / 93	97 / 87 / 87	95 / 80 / 80	91 / 75 / 75	85 / 70 / 70	75 / 62 / 62	66 / 54 / 54	59 / 49 / 49			
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 109 / 109	117 / 100 / 100	115 / 93 / 93	109 / 86 / 86	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 64 / 64	77 / 60 / 60	72 / 56 / 56	64 / 50 / 50	57 / 44 / 44	51 / 40 / 40			
	C	0 to 7	QMPV QBlock	77 / 72 / 45	77 / 66 / 41	77 / 60 / 37	77 / 55 / 34	77 / 50 / 31	77 / 46 / 29	77 / 43 / 27	75 / 40 / 27	70 / 37 / 23	65 / 35 / 22	61 / 32 / 20	53 / 28 / 18	47 / 25 / 16	42 / 23 / 14			
		7 to 27	QMPV QBlock	82 / 76 / 48	82 / 69 / 44	82 / 63 / 40	82 / 58 / 37	82 / 53 / 34	82 / 49 / 31	82 / 45 / 29	82 / 42 / 27	78 / 39 / 25	72 / 37 / 23	68 / 34 / 22	59 / 30 / 19	52 / 27 / 17	47 / 24 / 15			
		27 to 45	QMPV QBlock	103 / 103 / 103	101 / 99 / 99	98 / 91 / 91	96 / 83 / 83	93 / 76 / 76	86 / 70 / 70	79 / 65 / 65	73 / 60 / 60	68 / 56 / 56	64 / 52 / 52	59 / 49 / 49	52 / 43 / 43	46 / 38 / 38	41 / 34 / 34			
		45 to 90	QMPV QBlock	109 / 85 / 85	99 / 78 / 78	91 / 72 / 72	84 / 66 / 66	78 / 61 / 61	72 / 56 / 56	67 / 52 / 52	62 / 49 / 49	58 / 46 / 46	55 / 43 / 43	51 / 40 / 40	45 / 35 / 35	40 / 32 / 32	36 / 28 / 28			
	D	0 to 7	QMPV QBlock	78 / 60 / 38	78 / 55 / 34	78 / 50 / 31	78 / 46 / 29	78 / 42 / 26	73 / 39 / 24	68 / 36 / 23	63 / 33 / 21	58 / 31 / 19	54 / 29 / 18	51 / 27 / 17	44 / 24 / 15	39 / 21 / 13	35 / 19 / 12			
		7 to 27	QMPV QBlock	85 / 64 / 40	85 / 58 / 37	85 / 53 / 34	85 / 48 / 31	85 / 44 / 28	81 / 41 / 26	75 / 38 / 24	70 / 35 / 23	65 / 33 / 21	60 / 31 / 20	56 / 29 / 18	49 / 25 / 16	44 / 22 / 14	39 / 20 / 13			
		27 to 45	QMPV QBlock	100 / 91 / 91	98 / 83 / 83	92 / 76 / 76	84 / 69 / 69	77 / 64 / 64	71 / 59 / 59	66 / 54 / 54	61 / 50 / 50	57 / 47 / 47	53 / 44 / 44	50 / 41 / 41	44 / 36 / 36	39 / 32 / 32	35 / 29 / 29			
		45 to 90	QMPV QBlock	92 / 72 / 72	84 / 66 / 66	77 / 60 / 60	71 / 56 / 56	66 / 51 / 51	61 / 48 / 48	56 / 44 / 44	53 / 41 / 41	49 / 38 / 38	46 / 36 / 36	43 / 34 / 34	38 / 30 / 30	34 / 27 / 27	30 / 24 / 24			
35 psf	B	0 to 7	QMPV QBlock	73 / 73 / 65	73 / 73 / 59	73 / 73 / 53	73 / 73 / 49	73 / 73 / 45	73 / 67 / 42	73 / 62 / 38	73 / 57 / 36	73 / 53 / 33	73 / 50 / 31	73 / 46 / 29	73 / 41 / 25	68 / 36 / 23	60 / 32 / 20			
		7 to 27	QMPV QBlock	79 / 79 / 69	79 / 79 / 63	79 / 79 / 57	79 / 79 / 53	79 / 77 / 48	79 / 71 / 45	79 / 65 / 41	79 / 60 / 38	79 / 56 / 36	79 / 52 / 33	79 / 49 / 31	79 / 43 / 27	75 / 38 / 24	67 / 34 / 22			
		27 to 45	QMPV QBlock	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 93 / 93	95 / 87 / 87	93 / 80 / 80	91 / 75 / 75	85 / 70 / 70	75 / 62 / 62	66 / 54 / 54	59 / 49 / 49			
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 109 / 109	117 / 100 / 100	115 / 93 / 93	109 / 86 / 86	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 64 / 64	77 / 60 / 60	72 / 56 / 56	64 / 50 / 50	57 / 44 / 44	51 / 40 / 40			
	C	0 to 7	QMPV QBlock	73 / 72 / 45	73 / 66 / 41	73 / 60 / 37	73 / 55 / 34	73 / 50 / 31	73 / 46 / 29	73 / 43 / 27	73 / 40 / 25	70 / 37 / 23	65 / 35 / 22	61 / 32 / 20	53 / 28 / 18	47 / 25 / 16	42 / 23 / 14			
		7 to 27	QMPV QBlock	79 / 76 / 48	79 / 69 / 44	79 / 63 / 40	79 / 58 / 37	79 / 53 / 34	79 / 49 / 31	79 / 45 / 29	79 / 42 / 27	78 / 39 / 25	72 / 37 / 23	68 / 34 / 22	59 / 30 / 19	52 / 27 / 17	47 / 24 / 15			
		27 to 45	QMPV QBlock	99 / 99 / 99	98 / 98 / 98	96 / 91 / 91	94 / 83 / 83	92 / 76 / 76	86 / 70 / 70	79 / 65 / 65	73 / 60 / 60	68 / 56 / 56	64 / 52 / 52	59 / 49 / 49	52 / 43 / 43	46 / 38 / 38	41 / 34 / 34			
		45 to 90	QMPV QBlock	109 / 85 / 85	99 / 78 / 78	91 / 72 / 72	84 / 66 / 66	78 / 61 / 61	72 / 56 / 56	67 / 52 / 52	62 / 49 / 49	58 / 46 / 46	55 / 43 / 43	51 / 40 / 40	45 / 35 / 35	40 / 32 / 32	36 / 28 / 28			
	D	0 to 7	QMPV QBlock	76 / 60 / 38	76 / 55 / 34	76 / 50 / 31	76 / 46 / 29	76 / 42 / 26	73 / 39 / 24	68 / 36 / 23	63 / 33 / 21	58 / 31 / 19	54 / 29 / 18	51 / 27 / 17	44 / 24 / 15	39 / 21 / 13	35 / 19 / 12			
		7 to 27	QMPV QBlock	82 / 64 / 40	82 / 58 / 37	82 / 53 / 34	82 / 48 / 31	82 / 44 / 28	81 / 41 / 26	75 / 38 / 24	70 / 35 / 23	65 / 33 / 21	60 / 31 / 20	56 / 29 / 18	49 / 25 / 16	44 / 22 / 14	39 / 20 / 13			
		27 to 45	QMPV QBlock	98 / 91 / 91	95 / 83 / 83	92 / 76 / 76	84 / 69 / 69	77 / 64 / 64	71 / 59 / 59	66 / 54 / 54	61 / 50 / 50	57 / 47 / 47	53 / 44 / 44	50 / 41 / 41	44 / 36 / 36	39 / 32 / 32	35 / 29 / 29			
		45 to 90	QMPV QBlock	92 / 72 / 72	84 / 66 / 66	77 / 60 / 60	71 / 56 / 56	66 / 51 / 51	61 / 48 / 48	56 / 44 / 44	53 / 41 / 41	49 / 38 / 38	46 / 36 / 36	43 / 34 / 34	38 / 30 / 30	34 / 27 / 27	30 / 24 / 24			
40 psf	B	0 to 7	QMPV QBlock	70 / 70 / 65	70 / 70 / 59	70 / 70 / 53	70 / 70 / 49	70 / 70 / 45	70 / 67 / 42	70 / 62 / 38	70 / 57 / 36	70 / 53 / 33	70 / 50 / 31	70 / 46 / 29	70 / 41 / 25	68 / 36 / 23	60 / 32 / 20			
		7 to 27	QMPV QBlock	76 / 76 / 69	76 / 76 / 63	76 / 76 / 57	76 / 76 / 53	76 / 76 / 48	76 / 71 / 45	76 / 65 / 41	76 / 60 / 38	76 / 56 / 36	76 / 52 / 33	76 / 49 / 31	76 / 43 / 27	75 / 38 / 24	67 / 34 / 22			
		27 to 45	QMPV QBlock	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 87 / 87	91 / 80 / 80	89 / 75 / 75	85 / 70 / 70	75 / 62 / 62	66 / 54 / 54	59 / 49 / 49		
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 109 / 109	117 / 100 / 100	115 / 93 / 93	109 / 86 / 86	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 64 / 64	77 / 60 / 60	72 / 56 / 56	64 / 50 / 50	57 / 44 / 44	51 / 40 / 40			
	C	0 to 7	QMPV QBlock	70 / 70 / 45	70 / 66 / 41	70 / 60 / 37	70 / 55 / 34	70 / 50 / 31	70 / 46 / 29	70 / 43 / 27	70 / 40 / 25	70 / 37 / 23	65 / 35 / 22	61 / 32 / 20	53 / 28 / 18	47 / 25 / 16	42 / 23 / 14			
		7 to 27	QMPV QBlock	76 / 76 / 48	76 / 69 / 44	76 / 63 / 40	76 / 58 / 37	76 / 53 / 34	76 / 49 / 31	76 / 45 / 29	76 / 42 / 27	75 / 39 / 25	72 / 37 / 23	68 / 34 / 22	59 / 30 / 19	52 / 27 / 17	47 / 24 / 15			
		27 to 45	QMPV QBlock	93 / 93 / 93	93 / 93 / 93	93 / 91 / 91	92 / 83 / 83	90 / 76 / 76	86 / 70 / 70	79 / 65 / 65	73 / 60 / 60	68 / 56 / 56	64 / 52 / 52	59 / 49 / 49	52 / 43 / 43	46 / 38 / 38	41 / 34 / 34			
		45 to 90	QMPV QBlock	109 / 85 / 85	99 / 78 / 78	91 / 72 / 72	84 / 66 / 66	78 / 61 / 61	72 / 56 / 56	67 / 52 / 52	62 / 49 / 49	58 / 46 / 46	55 / 43 / 43	51 / 40 / 40	45 / 35 / 35	40 / 32 / 32	36 / 28 / 28			
	D	0 to 7	QMPV QBlock	73 / 60 / 38	73 / 55 / 34	73 / 50 / 31	73 / 46 / 29	73 / 42 / 26	73 / 39 / 24	68 / 36 / 23	63 / 33 / 21	58 / 31 / 19	54 / 29 / 18	51 / 27 / 17	44 / 24 / 15	39 / 21 / 13	35 / 19 / 12			
		7 to 27	QMPV QBlock	78 / 64 / 40	78 / 58 / 37	78 / 53 / 34	78 / 48 / 31	78 / 44 / 28	78 / 41 / 26	75 / 38 / 24	70 / 35 / 23	65 / 33 / 21	60 / 31 / 20	56 / 29 / 18	49 / 25 / 16	44 / 22 / 14	39 / 20 / 13			
		27 to 45	QMPV QBlock	96 / 91 / 91	93 / 83 / 83	91 / 76 / 76	84 / 69 / 69	77 / 64 / 64	71 / 59 / 59	66 / 54 / 54	61 / 50 / 50	57 / 47 / 47	53 / 44 / 44	50 / 41 / 41	44 / 36 / 36	39 / 32 / 32	35 / 29 / 29			
		45 to 90	QMPV QBlock	92 / 72 / 72	84 / 66 / 66	77 / 60 / 60	71 / 56 / 56	66 / 51 / 51	61 / 48 / 48	56 / 44 / 44	53 / 41 / 41	49 / 38 / 38	46 / 36 / 36	43 / 34 / 34	38 / 30 / 30	34 / 27 / 27	30 / 24 / 24			
45 psf	B	0 to 7	QMPV QBlock	67 / 67 / 65	67 / 67 / 59	67 / 67 / 53	67 / 67 / 49	67 / 67 / 45	67 / 67 / 42	67 / 62 / 38	67 / 57 / 36	67 / 53 / 33	67 / 50 / 31	67 / 46 / 29	67 / 41 / 25	67 / 36 / 23	60 / 32 / 20			
		7 to 27	QMPV QBlock	73 / 73 / 69	73 / 73 / 63	73 / 73 / 57	73 / 73 / 53	73 / 73 / 48	73 / 71 / 45	73 / 65 / 41	73 / 60 / 38	73 / 56 / 36	73 / 52 / 33	73 / 49 / 31	73 / 43 / 27	72 / 38 / 24	67 / 34 / 22			
		27 to 45	QMPV QBlock	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 87 / 87	89 / 80 / 80	87 / 75 / 75	85 / 70 / 70	75 / 62 / 62	66 / 54 / 54	59 / 49 / 49		
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 109 / 109	117 / 100 / 100	115 / 93 / 93	109 / 86 / 86	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 64 / 64	77 / 60 / 60	72 / 56 / 56	64 / 50 / 50	57 / 44 / 44	51 / 40 / 40			
	C	0 to 7	QMPV QBlock	67 / 67 / 45	67 / 66 / 41	67 / 60 / 37	67 / 55 / 34	67 / 50 / 31	67 / 46 / 29	67 / 43 / 27	67 / 40 / 25	67 / 37 / 23	65 / 35 / 22	61 / 32 / 20	53 / 28 / 18	47 / 25 / 16	42 / 23 / 14			
		7 to 27	QMPV QBlock	73 / 73 / 48	73 / 69 / 44	73 / 63 / 40	73 / 58 / 37	73 / 53 / 34	73 / 49 / 31	73 / 45 / 29	73 / 42 / 27	72 / 39 / 25	72 / 37 / 23	68 / 34 / 22	59 / 30 / 19	52 / 27 / 17	47 / 24 / 15			
		27 to 45	QMPV QBlock	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89	89 / 87 / 87	89 / 80 / 80	87 / 75 / 75	85 / 70 / 70	75 / 62 / 62	66 / 54 / 54	59 / 49 / 49		
		45 to 90	QMPV QBlock	109 / 85 / 85</																

Maximum Rail Spans			SnapRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE, QM5C, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.36) -- 72-cell																
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->		Roof Zone ->														
			110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph			
0 psf	B	0 to 7	QMPV QBlock	101 / 87 / 53	101 / 79 / 48	101 / 71 / 44	101 / 65 / 40	101 / 60 / 37	101 / 55 / 34	98 / 51 / 32	90 / 47 / 29	84 / 44 / 27	78 / 41 / 25	72 / 38 / 24	63 / 33 / 21	56 / 30 / 19	50 / 26 / 17		
		7 to 27	QMPV QBlock	103 / 91 / 57	103 / 83 / 52	103 / 75 / 47	103 / 69 / 43	103 / 63 / 40	103 / 58 / 37	103 / 54 / 34	101 / 50 / 32	93 / 46 / 29	86 / 43 / 27	80 / 40 / 26	70 / 35 / 23	62 / 31 / 20	55 / 28 / 18		
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 99 / 99	104 / 90 / 90	101 / 83 / 83	94 / 77 / 77	87 / 71 / 71	81 / 66 / 66	75 / 62 / 62	70 / 58 / 58	61 / 51 / 51	54 / 45 / 45	48 / 40 / 40	
		45 to 90	QMPV QBlock	108 / 98 / 98	105 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33		
		0 to 7	QMPV QBlock	101 / 60 / 37	101 / 54 / 34	95 / 49 / 31	86 / 45 / 28	79 / 41 / 26	73 / 38 / 24	67 / 35 / 22	62 / 33 / 20	57 / 30 / 19	54 / 28 / 18	50 / 27 / 17	44 / 23 / 15	39 / 21 / 13	34 / 18 / 12		
		7 to 27	QMPV QBlock	103 / 63 / 40	103 / 57 / 36	103 / 52 / 33	96 / 48 / 30	88 / 44 / 28	81 / 40 / 26	74 / 37 / 24	69 / 35 / 22	64 / 32 / 21	59 / 30 / 19	56 / 28 / 18	49 / 25 / 16	43 / 22 / 14	38 / 20 / 12		
	C	27 to 45	QMPV QBlock	104 / 90 / 90	100 / 82 / 82	91 / 75 / 75	83 / 68 / 68	76 / 63 / 63	70 / 58 / 58	65 / 53 / 53	60 / 50 / 50	56 / 46 / 46	52 / 43 / 43	49 / 40 / 40	43 / 35 / 35	38 / 31 / 31	34 / 28 / 28		
		45 to 90	QMPV QBlock	89 / 70 / 70	82 / 64 / 64	75 / 59 / 59	69 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	45 / 35 / 35	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23		
		0 to 7	QMPV QBlock	96 / 50 / 31	86 / 45 / 28	78 / 41 / 26	71 / 38 / 23	65 / 35 / 22	60 / 32 / 20	56 / 29 / 18	51 / 27 / 17	48 / 25 / 16	45 / 24 / 15	42 / 22 / 14	37 / 20 / 12	32 / 17 / 11	29 / 15 / 10		
		7 to 27	QMPV QBlock	103 / 52 / 33	96 / 47 / 30	87 / 43 / 28	79 / 40 / 25	73 / 37 / 23	67 / 34 / 21	62 / 31 / 20	57 / 29 / 18	53 / 27 / 17	50 / 25 / 16	46 / 24 / 15	41 / 21 / 13	36 / 18 / 12	32 / 16 / 10		
		27 to 45	QMPV QBlock	92 / 75 / 75	83 / 68 / 68	76 / 62 / 62	69 / 57 / 57	64 / 52 / 52	59 / 48 / 48	54 / 45 / 45	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	41 / 34 / 34	36 / 30 / 30	32 / 26 / 26	28 / 23 / 23		
		45 to 90	QMPV QBlock	75 / 59 / 59	69 / 54 / 54	63 / 50 / 50	58 / 46 / 46	54 / 42 / 42	50 / 39 / 39	46 / 36 / 36	43 / 34 / 34	40 / 32 / 32	38 / 30 / 30	35 / 28 / 28	31 / 24 / 24	28 / 22 / 22	25 / 20 / 20		
5 psf	B	0 to 7	QMPV QBlock	96 / 87 / 53	96 / 79 / 48	96 / 71 / 44	96 / 65 / 40	96 / 60 / 37	96 / 55 / 34	96 / 51 / 32	90 / 47 / 29	84 / 44 / 27	78 / 41 / 25	72 / 38 / 24	63 / 33 / 21	56 / 30 / 19	50 / 26 / 17		
		7 to 27	QMPV QBlock	103 / 91 / 57	103 / 83 / 52	103 / 75 / 47	103 / 69 / 43	103 / 63 / 40	103 / 58 / 37	103 / 54 / 34	101 / 50 / 32	93 / 46 / 29	86 / 43 / 27	80 / 40 / 26	70 / 35 / 23	62 / 31 / 20	55 / 28 / 18		
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 99 / 99	104 / 90 / 90	101 / 83 / 83	94 / 77 / 77	87 / 71 / 71	81 / 66 / 66	75 / 62 / 62	70 / 58 / 58	61 / 51 / 51	54 / 45 / 45	48 / 40 / 40		
		45 to 90	QMPV QBlock	108 / 98 / 98	108 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33		
		0 to 7	QMPV QBlock	96 / 60 / 37	96 / 54 / 34	95 / 49 / 31	86 / 45 / 28	79 / 41 / 26	73 / 38 / 24	67 / 35 / 22	62 / 33 / 20	57 / 30 / 19	54 / 28 / 18	50 / 27 / 17	44 / 23 / 15	39 / 21 / 13	34 / 18 / 12		
		7 to 27	QMPV QBlock	103 / 63 / 40	103 / 57 / 36	103 / 52 / 33	96 / 48 / 30	88 / 44 / 28	81 / 40 / 26	74 / 37 / 24	69 / 35 / 22	64 / 32 / 21	59 / 30 / 19	56 / 28 / 18	49 / 25 / 16	43 / 22 / 14	38 / 20 / 12		
	C	27 to 45	QMPV QBlock	104 / 90 / 90	100 / 82 / 82	91 / 75 / 75	83 / 68 / 68	76 / 63 / 63	70 / 58 / 58	65 / 53 / 53	60 / 50 / 50	56 / 46 / 46	52 / 43 / 43	49 / 40 / 40	43 / 35 / 35	38 / 31 / 31	34 / 28 / 28		
		45 to 90	QMPV QBlock	89 / 70 / 70	82 / 64 / 64	75 / 59 / 59	69 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	45 / 35 / 35	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23		
		0 to 7	QMPV QBlock	96 / 50 / 31	86 / 45 / 28	78 / 41 / 26	71 / 38 / 23	65 / 35 / 22	60 / 32 / 20	56 / 29 / 18	51 / 27 / 17	48 / 25 / 16	45 / 24 / 15	42 / 22 / 14	37 / 20 / 12	32 / 17 / 11	29 / 15 / 10		
		7 to 27	QMPV QBlock	103 / 52 / 33	96 / 47 / 30	87 / 43 / 28	79 / 40 / 25	73 / 37 / 23	67 / 34 / 21	62 / 31 / 20	57 / 29 / 18	53 / 27 / 17	50 / 25 / 16	46 / 24 / 15	41 / 21 / 13	36 / 18 / 12	32 / 16 / 10		
		27 to 45	QMPV QBlock	92 / 75 / 75	83 / 68 / 68	76 / 62 / 62	69 / 57 / 57	64 / 52 / 52	59 / 48 / 48	54 / 45 / 45	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	41 / 34 / 34	36 / 30 / 30	32 / 26 / 26	28 / 23 / 23		
		45 to 90	QMPV QBlock	75 / 59 / 59	69 / 54 / 54	63 / 50 / 50	58 / 46 / 46	54 / 42 / 42	50 / 39 / 39	46 / 36 / 36	43 / 34 / 34	40 / 32 / 32	38 / 30 / 30	35 / 28 / 28	31 / 24 / 24	28 / 22 / 22	25 / 20 / 20		
10 psf	B	0 to 7	QMPV QBlock	85 / 85 / 53	85 / 79 / 48	85 / 71 / 44	85 / 65 / 40	85 / 60 / 37	85 / 55 / 34	85 / 51 / 32	85 / 47 / 29	84 / 44 / 27	78 / 41 / 25	72 / 38 / 24	63 / 33 / 21	56 / 30 / 19	50 / 26 / 17		
		7 to 27	QMPV QBlock	96 / 91 / 57	96 / 83 / 52	96 / 75 / 47	96 / 69 / 43	96 / 63 / 40	96 / 58 / 37	96 / 54 / 34	96 / 50 / 32	93 / 46 / 29	86 / 43 / 27	80 / 40 / 26	70 / 35 / 23	62 / 31 / 20	55 / 28 / 18		
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 99 / 99	104 / 90 / 90	101 / 83 / 83	94 / 77 / 77	87 / 71 / 71	81 / 66 / 66	75 / 62 / 62	70 / 58 / 58	61 / 51 / 51	54 / 45 / 45	48 / 40 / 40		
		45 to 90	QMPV QBlock	108 / 98 / 98	108 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33		
		0 to 7	QMPV QBlock	85 / 60 / 37	85 / 54 / 34	85 / 49 / 31	85 / 45 / 28	79 / 41 / 26	73 / 38 / 24	67 / 35 / 22	62 / 33 / 20	57 / 30 / 19	54 / 28 / 18	50 / 27 / 17	44 / 23 / 15	39 / 21 / 13	34 / 18 / 12		
		7 to 27	QMPV QBlock	96 / 63 / 40	96 / 57 / 36	96 / 52 / 33	96 / 48 / 30	88 / 44 / 28	81 / 40 / 26	74 / 37 / 24	69 / 35 / 22	64 / 32 / 21	59 / 30 / 19	56 / 28 / 18	49 / 25 / 16	43 / 22 / 14	38 / 20 / 12		
	C	27 to 45	QMPV QBlock	104 / 90 / 90	100 / 82 / 82	91 / 75 / 75	83 / 68 / 68	76 / 63 / 63	70 / 58 / 58	65 / 53 / 53	60 / 50 / 50	56 / 46 / 46	52 / 43 / 43	49 / 40 / 40	43 / 35 / 35	38 / 31 / 31	34 / 28 / 28		
		45 to 90	QMPV QBlock	89 / 70 / 70	82 / 64 / 64	75 / 59 / 59	69 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	45 / 35 / 35	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23		
		0 to 7	QMPV QBlock	85 / 50 / 31	85 / 45 / 28	78 / 41 / 26	71 / 38 / 23	65 / 35 / 22	60 / 32 / 20	56 / 29 / 18	51 / 27 / 17	48 / 25 / 16	45 / 24 / 15	42 / 22 / 14	37 / 20 / 12	32 / 17 / 11	29 / 15 / 10		
		7 to 27	QMPV QBlock	98 / 52 / 33	96 / 47 / 30	87 / 43 / 28	79 / 40 / 25	73 / 37 / 23	67 / 34 / 21	62 / 31 / 20	57 / 29 / 18	53 / 27 / 17	50 / 25 / 16	46 / 24 / 15	41 / 21 / 13	36 / 18 / 12	32 / 16 / 10		
		27 to 45	QMPV QBlock	92 / 75 / 75	83 / 68 / 68	76 / 62 / 62	69 / 57 / 57	64 / 52 / 52	59 / 48 / 48	54 / 45 / 45	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	41 / 34 / 34	36 / 30 / 30	32 / 26 / 26	28 / 23 / 23		
		45 to 90	QMPV QBlock	75 / 59 / 59	69 / 54 / 54	63 / 50 / 50	58 / 46 / 46	54 / 42 / 42	50 / 39 / 39	46 / 36 / 36	43 / 34 / 34	40 / 32 / 32	38 / 30 / 30	35 / 28 / 28	31 / 24 / 24	28 / 22 / 22	25 / 20 / 20		
15 psf	B	0 to 7	QMPV QBlock	78 / 78 / 53	78 / 78 / 48	78 / 71 / 44	78 / 65 / 40	78 / 60 / 37	78 / 55 / 34	78 / 51 / 32	78 / 47 / 29	78 / 44 / 27	78 / 41 / 25	72 / 38 / 24	63 / 33 / 21	56 / 30 / 19	50 / 26 / 17		
		7 to 27	QMPV QBlock	89 / 89 / 57	89 / 83 / 52	89 / 75 / 47	89 / 69 / 43	89 / 63 / 40	89 / 58 / 37	89 / 54 / 34	89 / 50 / 32	89 / 46 / 29	86 / 43 / 27	80 / 40 / 26	70 / 35 / 23	62 / 31 / 20	55 / 28 / 18		
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 99 / 99	104 / 90 / 90	101 / 83 / 83	94 / 77 / 77	87 / 71 / 71	81 / 66 / 66	75 / 62 / 62	70 / 58 / 58	61 / 51 / 51	54 / 45 / 45	48 / 40 / 40		
		45 to 90	QMPV QBlock	108 / 98 / 98	108 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33		
		0 to 7	QMPV QBlock	78 / 60 / 37	78 / 54 / 34	78 / 49 / 31	78 / 45 / 28	78 / 41 / 26	73 / 38 / 24	67 / 35 / 22	62 / 33 / 20	57 / 30 / 19	54 / 28 / 18	50 / 27 / 17	44 / 23 / 15	39 / 21 / 13	34 / 18 / 12		
		7 to 27	QMPV QBlock	89 / 63 / 40	89 / 57 / 36	89 / 52 / 33	89 / 48 / 30	88 / 44 / 28	81 / 40 / 26	74 / 37 / 24	69 / 35 / 22	64 / 32 / 21	59 / 30 / 19	56 / 28 / 18	49 / 25 / 16	43 / 22 / 14	38 / 20 / 12		
	C	27 to 45	QMPV QBlock	104 / 90 / 90	100 / 82 / 82	91 / 75 / 75	83 / 68 / 68	76 / 63 / 63	70 / 58 / 58	65 / 53 / 53	60 / 50 / 50	56 / 46 / 46	52 / 43 / 43	49 / 40 / 40	43 / 35 / 35	38 / 31 / 31	34 / 28 / 28		
		45 to 90	QMPV QBlock	89 / 70 / 70	82 / 64 / 64	75 / 59 / 59	69 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	45 / 35 / 35	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23		
		0 to 7	QMPV QBlock	78 / 50 / 31	78 / 45 / 28	78 / 41 / 26	71 / 38 / 23	65 / 35 / 22	60 / 32 / 20	56 / 29 / 18	51 / 27 / 17	48 / 25 / 16	45 / 24 / 15	42 / 22 / 14	37 / 20 / 12	32 / 17 / 11	29 / 15 / 10		
		7 to 27	QMPV QBlock	91 / 52 / 33	91 / 47 / 30	87 / 43 / 28	79 / 40 / 25	73 / 37 / 23	67 / 34 / 21	62 / 31 / 20	57 / 29 / 18	53 / 27 / 17	50 / 25 / 16	46 / 24 / 15	41 / 21 / 13	36 /			

Maximum Rail Spans			SnapRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE, QM5C, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.36) -- 72-cell																
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->		Roof Zone ->														
			110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph			
30 psf	B	0 to 7	QMPV QBlock	71 / 71 / 53	71 / 71 / 48	71 / 71 / 44	71 / 65 / 40	71 / 60 / 37	71 / 55 / 34	71 / 51 / 32	71 / 47 / 29	71 / 44 / 27	71 / 41 / 25	71 / 38 / 24	63 / 33 / 21	56 / 30 / 19	50 / 26 / 17		
		7 to 27	QMPV QBlock	76 / 76 / 57	76 / 76 / 52	76 / 75 / 47	76 / 69 / 43	76 / 63 / 40	76 / 58 / 37	76 / 54 / 34	76 / 50 / 32	76 / 46 / 29	76 / 43 / 27	76 / 40 / 26	76 / 37 / 24	62 / 31 / 23	62 / 31 / 20	55 / 28 / 18	
		27 to 45	QMPV QBlock	95 / 95 / 95	95 / 95 / 95	95 / 95 / 95	95 / 95 / 95	95 / 90 / 90	93 / 83 / 83	91 / 77 / 77	87 / 71 / 71	81 / 66 / 61	81 / 66 / 61	81 / 66 / 61	76 / 62 / 62	70 / 58 / 58	61 / 51 / 51	54 / 45 / 45	48 / 40 / 40
		45 to 90	QMPV QBlock	108 / 98 / 98	105 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33		
	C	0 to 7	QMPV QBlock	71 / 60 / 37	71 / 54 / 34	71 / 49 / 31	71 / 45 / 28	71 / 41 / 26	71 / 38 / 24	67 / 35 / 22	62 / 33 / 20	57 / 30 / 19	54 / 28 / 18	50 / 27 / 17	44 / 23 / 15	39 / 21 / 13	34 / 18 / 12		
		7 to 27	QMPV QBlock	76 / 63 / 40	76 / 57 / 36	76 / 52 / 33	76 / 48 / 30	76 / 44 / 26	76 / 40 / 26	74 / 37 / 24	69 / 35 / 22	64 / 32 / 21	59 / 30 / 19	56 / 28 / 18	49 / 25 / 16	43 / 22 / 14	38 / 20 / 12		
		27 to 45	QMPV QBlock	95 / 90 / 90	93 / 82 / 82	90 / 75 / 75	83 / 68 / 68	76 / 63 / 63	70 / 58 / 58	65 / 53 / 53	60 / 50 / 50	56 / 46 / 46	52 / 43 / 43	49 / 40 / 40	43 / 35 / 35	38 / 31 / 31	34 / 28 / 28		
		45 to 90	QMPV QBlock	89 / 70 / 70	82 / 64 / 64	75 / 59 / 59	69 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	45 / 35 / 35	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23		
	D	0 to 7	QMPV QBlock	72 / 50 / 31	72 / 45 / 28	72 / 41 / 26	71 / 38 / 23	65 / 35 / 22	60 / 32 / 20	56 / 29 / 18	51 / 27 / 17	48 / 25 / 16	45 / 24 / 15	42 / 22 / 14	37 / 20 / 12	32 / 17 / 11	29 / 15 / 10		
		7 to 27	QMPV QBlock	78 / 52 / 33	78 / 47 / 30	78 / 43 / 28	78 / 40 / 25	73 / 37 / 23	67 / 34 / 21	62 / 31 / 20	57 / 29 / 18	53 / 27 / 17	50 / 25 / 16	46 / 24 / 15	41 / 21 / 13	36 / 18 / 12	32 / 16 / 10		
		27 to 45	QMPV QBlock	92 / 75 / 75	83 / 68 / 68	76 / 62 / 62	69 / 57 / 57	64 / 52 / 52	59 / 48 / 48	54 / 45 / 45	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	41 / 34 / 34	36 / 30 / 30	32 / 26 / 26	28 / 23 / 23		
		45 to 90	QMPV QBlock	75 / 59 / 59	69 / 54 / 54	63 / 50 / 50	58 / 46 / 46	54 / 42 / 42	50 / 39 / 39	46 / 36 / 36	43 / 34 / 34	40 / 32 / 32	38 / 30 / 30	35 / 28 / 28	31 / 24 / 24	28 / 22 / 22	25 / 20 / 20		
35 psf	B	0 to 7	QMPV QBlock	67 / 67 / 53	67 / 67 / 48	67 / 67 / 44	67 / 65 / 40	67 / 60 / 37	67 / 55 / 34	67 / 51 / 32	67 / 47 / 29	67 / 44 / 27	67 / 41 / 25	67 / 38 / 24	63 / 33 / 21	56 / 30 / 19	50 / 26 / 17		
		7 to 27	QMPV QBlock	72 / 72 / 57	72 / 72 / 52	72 / 72 / 47	72 / 69 / 43	72 / 63 / 40	72 / 58 / 37	72 / 54 / 34	72 / 50 / 32	72 / 46 / 29	72 / 43 / 27	72 / 40 / 26	70 / 51 / 51	64 / 35 / 23	62 / 31 / 20	55 / 28 / 18	
		27 to 45	QMPV QBlock	91 / 91 / 91	91 / 91 / 91	91 / 91 / 91	91 / 91 / 91	91 / 90 / 90	90 / 83 / 83	89 / 77 / 77	87 / 71 / 71	81 / 66 / 66	75 / 62 / 62	70 / 58 / 58	61 / 51 / 51	54 / 45 / 45	48 / 40 / 40		
		45 to 90	QMPV QBlock	108 / 98 / 98	108 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33		
	C	0 to 7	QMPV QBlock	67 / 60 / 37	67 / 54 / 34	67 / 49 / 31	67 / 45 / 28	67 / 41 / 26	67 / 38 / 24	67 / 35 / 22	62 / 33 / 20	57 / 30 / 19	54 / 28 / 18	50 / 27 / 17	44 / 23 / 15	39 / 21 / 13	34 / 18 / 12		
		7 to 27	QMPV QBlock	72 / 63 / 40	72 / 57 / 36	72 / 52 / 33	72 / 48 / 30	72 / 44 / 26	72 / 40 / 26	72 / 37 / 24	69 / 35 / 22	64 / 32 / 21	59 / 30 / 19	56 / 28 / 18	49 / 25 / 16	43 / 22 / 14	38 / 20 / 12		
		27 to 45	QMPV QBlock	91 / 90 / 90	90 / 82 / 82	88 / 75 / 75	83 / 68 / 68	76 / 63 / 63	70 / 58 / 58	65 / 53 / 53	60 / 50 / 50	56 / 46 / 46	52 / 43 / 43	49 / 40 / 40	43 / 35 / 35	38 / 31 / 31	34 / 28 / 28		
		45 to 90	QMPV QBlock	89 / 70 / 70	82 / 64 / 64	75 / 59 / 59	69 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	45 / 35 / 35	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23		
	D	0 to 7	QMPV QBlock	70 / 50 / 31	70 / 45 / 28	70 / 41 / 26	70 / 38 / 23	65 / 35 / 22	60 / 32 / 20	56 / 29 / 18	51 / 27 / 17	48 / 25 / 16	45 / 24 / 15	42 / 22 / 14	37 / 20 / 12	32 / 17 / 11	29 / 15 / 10		
		7 to 27	QMPV QBlock	75 / 52 / 33	75 / 47 / 30	75 / 43 / 28	75 / 40 / 25	73 / 37 / 23	67 / 34 / 21	62 / 31 / 20	57 / 29 / 18	53 / 27 / 17	50 / 25 / 16	46 / 24 / 15	41 / 21 / 13	36 / 18 / 12	32 / 16 / 10		
		27 to 45	QMPV QBlock	90 / 75 / 75	83 / 68 / 68	76 / 62 / 62	69 / 57 / 57	64 / 52 / 52	59 / 48 / 48	54 / 45 / 45	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	41 / 34 / 34	36 / 30 / 30	32 / 26 / 26	28 / 23 / 23		
		45 to 90	QMPV QBlock	75 / 59 / 59	69 / 54 / 54	63 / 50 / 50	58 / 46 / 46	54 / 42 / 42	50 / 39 / 39	46 / 36 / 36	43 / 34 / 34	40 / 32 / 32	38 / 30 / 30	35 / 28 / 28	31 / 24 / 24	28 / 22 / 22	25 / 20 / 20		
40 psf	B	0 to 7	QMPV QBlock	64 / 64 / 53	64 / 64 / 48	64 / 64 / 44	64 / 64 / 40	64 / 60 / 37	64 / 55 / 34	64 / 51 / 32	64 / 47 / 29	64 / 44 / 27	64 / 41 / 25	64 / 38 / 24	63 / 33 / 21	56 / 30 / 19	50 / 26 / 17		
		7 to 27	QMPV QBlock	10 / 70 / 10	70 / 70 / 52	70 / 70 / 47	70 / 69 / 43	70 / 63 / 40	70 / 58 / 37	70 / 54 / 34	70 / 50 / 32	70 / 46 / 29	70 / 43 / 27	70 / 40 / 26	70 / 35 / 23	62 / 31 / 20	55 / 28 / 18		
		27 to 45	QMPV QBlock	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 83 / 83	86 / 77 / 77	85 / 71 / 71	81 / 66 / 66	75 / 62 / 62	70 / 58 / 58	61 / 51 / 51	54 / 45 / 45	48 / 40 / 40		
		45 to 90	QMPV QBlock	108 / 98 / 98	108 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33		
	C	0 to 7	QMPV QBlock	64 / 60 / 37	64 / 54 / 34	64 / 49 / 31	64 / 45 / 28	64 / 41 / 26	64 / 38 / 24	64 / 35 / 22	62 / 33 / 20	57 / 30 / 19	54 / 28 / 18	50 / 27 / 17	44 / 23 / 15	39 / 21 / 13	34 / 18 / 12		
		7 to 27	QMPV QBlock	10 / 63 / 10	70 / 57 / 36	70 / 52 / 33	70 / 48 / 30	70 / 44 / 26	70 / 40 / 26	70 / 37 / 24	69 / 35 / 22	64 / 32 / 21	59 / 30 / 19	56 / 28 / 18	49 / 25 / 16	43 / 22 / 14	38 / 20 / 12		
		27 to 45	QMPV QBlock	86 / 86 / 86	86 / 82 / 82	86 / 75 / 75	83 / 68 / 68	76 / 63 / 63	70 / 58 / 58	65 / 53 / 53	60 / 50 / 50	56 / 46 / 46	52 / 43 / 43	49 / 40 / 40	43 / 35 / 35	38 / 31 / 31	34 / 28 / 28		
		45 to 90	QMPV QBlock	89 / 70 / 70	82 / 64 / 64	75 / 59 / 59	69 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	45 / 35 / 35	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23		
	D	0 to 7	QMPV QBlock	67 / 50 / 31	67 / 45 / 28	67 / 41 / 26	67 / 38 / 23	65 / 35 / 22	60 / 32 / 20	56 / 29 / 18	51 / 27 / 17	48 / 25 / 16	45 / 24 / 15	42 / 22 / 14	37 / 20 / 12	32 / 17 / 11	29 / 15 / 10		
		7 to 27	QMPV QBlock	72 / 52 / 33	72 / 47 / 30	72 / 43 / 28	72 / 40 / 25	72 / 37 / 23	67 / 34 / 21	62 / 31 / 20	57 / 29 / 18	53 / 27 / 17	50 / 25 / 16	46 / 24 / 15	41 / 21 / 13	36 / 18 / 12	32 / 16 / 10		
		27 to 45	QMPV QBlock	88 / 75 / 75	83 / 68 / 68	76 / 62 / 62	69 / 57 / 57	64 / 52 / 52	59 / 48 / 48	54 / 45 / 45	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	41 / 34 / 34	36 / 30 / 30	32 / 26 / 26	28 / 23 / 23		
		45 to 90	QMPV QBlock	75 / 59 / 59	69 / 54 / 54	63 / 50 / 50	58 / 46 / 46	54 / 42 / 42	50 / 39 / 39	46 / 36 / 36	43 / 34 / 34	40 / 32 / 32	38 / 30 / 30	35 / 28 / 28	31 / 24 / 24	28 / 22 / 22	25 / 20 / 20		
45 psf	B	0 to 7	QMPV QBlock	61 / 61 / 53	61 / 61 / 48	61 / 61 / 44	61 / 61 / 40	61 / 60 / 37	61 / 55 / 34	61 / 51 / 32	61 / 47 / 29	61 / 44 / 27	61 / 41 / 25	61 / 38 / 24	61 / 33 / 21	56 / 30 / 19	50 / 26 / 17		
		7 to 27	QMPV QBlock	67 / 67 / 57	67 / 67 / 52	67 / 67 / 47	67 / 67 / 43	67 / 63 / 40	67 / 58 / 37	67 / 54 / 34	67 / 50 / 32	67 / 46 / 29	67 / 43 / 27	67 / 40 / 26	67 / 35 / 23	62 / 31 / 20	55 / 28 / 18		
		27 to 45	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 77 / 77	82 / 71 / 71	81 / 66 / 66	75 / 62 / 62	70 / 58 / 58	61 / 51 / 51	54 / 45 / 45	48 / 40 / 40		
		45 to 90	QMPV QBlock	108 / 98 / 98	108 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33		
	C	0 to 7	QMPV QBlock	61 / 60 / 37	61 / 54 / 34	61 / 49 / 31	61 / 45 / 28	61 / 41 / 26	61 / 38 / 24	61 / 35 / 22	61 / 33 / 20	57 / 30 / 19	54 / 28 / 18	50 / 27 / 17	44 / 23 / 15	39 / 21 / 13	34 / 18 / 12		
		7 to 27	QMPV QBlock	67 / 63 / 40	67 / 57 / 36	67 / 52 / 33	67 / 48 / 30	67 / 44 / 26	67 / 40 / 26	67 / 37 / 24	67 / 35 / 22	64 / 32 / 21	59 / 30 / 19	56 / 28 / 18	49 / 25 / 16	43 / 22 / 14	38 / 20 / 12		
		27 to 45	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	82 / 75 / 75	82 / 68 / 68	76 / 63 / 63	70 / 58 / 58	65 / 53 / 53	60 / 50 / 50	56 / 46 / 46	52 / 43 / 43	49 / 40 / 40	43 / 35 / 35	38 / 31 / 31	34 / 28 / 28		
		45 to 90	QMPV QBlock	89 / 70 / 70	82 / 64 / 64	75 / 59 / 59	69 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	45 / 35 / 35	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23		
	D	0 to 7	QMPV QBlock	64 / 50 / 31	64 / 45 / 28	64 / 41 / 26	64 / 38 / 23	64 / 35 / 22	60 / 32 / 20	56 / 29 / 18	51 / 27 / 17	48 / 25 / 16	45 / 24 / 15	42 / 22 / 14	37 / 20 / 12	32 / 17 / 11	29 / 15 / 10		
		7 to 27	QMPV QBlock	1															

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE, QM5C, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.36) -- 72-cell																			
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->		110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph				
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3			
70 psf	B	0 to 7	QMPV QBlock	50 / 50 / 50	50 / 50 / 48	50 / 50 / 44	50 / 50 / 40	50 / 50 / 37	50 / 50 / 34	50 / 50 / 32	50 / 47 / 29	50 / 44 / 27	50 / 41 / 25	50 / 38 / 24	50 / 33 / 21	50 / 30 / 19	50 / 26 / 17	50 / 26 / 17	50 / 26 / 17			
		7 to 27	QMPV QBlock	55 / 55 / 55	55 / 55 / 52	55 / 55 / 47	55 / 55 / 43	55 / 55 / 40	55 / 55 / 37	55 / 54 / 34	55 / 50 / 32	55 / 46 / 29	55 / 43 / 27	55 / 40 / 26	55 / 35 / 23	55 / 31 / 20	55 / 28 / 18	55 / 24 / 17	55 / 21 / 16	55 / 18 / 15		
		27 to 45	QMPV QBlock	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	
		45 to 90	QMPV QBlock	101 / 98 / 98	101 / 90 / 90	101 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23	27 / 20 / 20	
	C	0 to 7	QMPV QBlock	50 / 50 / 37	50 / 50 / 34	50 / 49 / 31	50 / 45 / 28	50 / 41 / 26	50 / 38 / 24	50 / 35 / 22	50 / 33 / 20	50 / 30 / 19	50 / 28 / 18	50 / 27 / 17	49 / 23 / 15	49 / 21 / 13	49 / 21 / 13	49 / 21 / 13	49 / 21 / 13	49 / 21 / 13		
		7 to 27	QMPV QBlock	55 / 55 / 40	55 / 55 / 36	55 / 52 / 33	55 / 48 / 30	55 / 44 / 26	55 / 40 / 26	55 / 37 / 24	55 / 35 / 22	55 / 32 / 21	55 / 30 / 19	55 / 30 / 19	55 / 28 / 18	55 / 28 / 18	55 / 28 / 18	55 / 28 / 18	55 / 28 / 18	55 / 28 / 18	55 / 28 / 18	
		27 to 45	QMPV QBlock	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	
		45 to 90	QMPV QBlock	89 / 70 / 70	82 / 64 / 64	75 / 59 / 59	69 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	45 / 35 / 35	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23	27 / 20 / 20	25 / 20 / 20	22 / 17 / 17	19 / 15 / 10	
	D	0 to 7	QMPV QBlock	53 / 50 / 31	53 / 45 / 28	53 / 41 / 26	53 / 38 / 23	53 / 35 / 22	53 / 32 / 20	53 / 29 / 18	51 / 27 / 17	48 / 25 / 16	45 / 24 / 15	42 / 22 / 14	37 / 20 / 12	32 / 17 / 11	29 / 15 / 10	26 / 12 / 10	23 / 16 / 10	20 / 12 / 10		
		7 to 27	QMPV QBlock	59 / 52 / 33	59 / 47 / 30	59 / 43 / 28	59 / 40 / 25	59 / 37 / 23	59 / 34 / 21	59 / 31 / 20	57 / 29 / 18	53 / 27 / 17	50 / 25 / 16	46 / 24 / 15	41 / 21 / 13	36 / 18 / 12	32 / 16 / 10	28 / 12 / 10	25 / 10 / 10	22 / 12 / 10		
		27 to 45	QMPV QBlock	71 / 71 / 71	71 / 68 / 68	71 / 62 / 62	69 / 57 / 57	64 / 52 / 52	59 / 48 / 48	54 / 45 / 45	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	41 / 34 / 34	36 / 30 / 30	32 / 26 / 26	28 / 23 / 23	25 / 20 / 20	22 / 17 / 17	19 / 15 / 10	16 / 10 / 10	
		45 to 90	QMPV QBlock	75 / 59 / 59	69 / 54 / 54	63 / 50 / 50	58 / 46 / 46	54 / 42 / 42	50 / 39 / 39	46 / 36 / 36	43 / 34 / 34	40 / 32 / 32	38 / 30 / 30	35 / 28 / 28	31 / 24 / 24	28 / 22 / 22	25 / 20 / 20	22 / 17 / 17	19 / 15 / 10	16 / 10 / 10	13 / 10 / 10	
80 psf	B	0 to 7	QMPV QBlock	47 / 47 / 47	47 / 47 / 47	47 / 47 / 44	47 / 44 / 40	47 / 47 / 37	47 / 47 / 34	47 / 47 / 32	47 / 47 / 29	47 / 44 / 27	47 / 41 / 25	47 / 38 / 24	47 / 33 / 21	47 / 30 / 19	47 / 26 / 17	47 / 26 / 17	47 / 26 / 17	47 / 26 / 17		
		7 to 27	QMPV QBlock	52 / 52 / 52	52 / 52 / 52	52 / 52 / 47	52 / 52 / 40	52 / 52 / 40	52 / 52 / 37	52 / 52 / 34	52 / 50 / 32	52 / 46 / 29	52 / 43 / 27	52 / 40 / 26	52 / 35 / 23	52 / 31 / 20	52 / 28 / 18	52 / 24 / 17	52 / 21 / 16	52 / 18 / 15		
		27 to 45	QMPV QBlock	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64
		45 to 90	QMPV QBlock	91 / 91 / 91	91 / 90 / 90	91 / 83 / 83	91 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23	27 / 20 / 20	
	C	0 to 7	QMPV QBlock	47 / 47 / 37	47 / 47 / 34	47 / 47 / 31	47 / 45 / 28	47 / 41 / 26	47 / 38 / 24	47 / 35 / 22	47 / 33 / 20	47 / 30 / 19	47 / 28 / 18	47 / 27 / 17	44 / 23 / 15	44 / 21 / 13	44 / 21 / 13	44 / 21 / 13	44 / 21 / 13	44 / 21 / 13	44 / 21 / 13	
		7 to 27	QMPV QBlock	52 / 52 / 40	52 / 52 / 36	52 / 52 / 33	52 / 48 / 30	52 / 44 / 26	52 / 40 / 26	52 / 37 / 24	52 / 35 / 22	52 / 32 / 21	52 / 30 / 19	52 / 28 / 18	49 / 23 / 15	49 / 21 / 13	49 / 21 / 13	49 / 21 / 13	49 / 21 / 13	49 / 21 / 13	49 / 21 / 13	
		27 to 45	QMPV QBlock	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	
		45 to 90	QMPV QBlock	89 / 70 / 70	82 / 64 / 64	75 / 59 / 59	69 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	45 / 35 / 35	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23	27 / 20 / 20	25 / 20 / 20	22 / 17 / 17	19 / 15 / 10	
	D	0 to 7	QMPV QBlock	50 / 50 / 31	50 / 45 / 28	50 / 41 / 26	50 / 38 / 23	50 / 35 / 22	50 / 32 / 20	50 / 29 / 18	50 / 27 / 17	48 / 25 / 16	45 / 24 / 15	42 / 22 / 14	37 / 20 / 12	32 / 17 / 11	29 / 15 / 10	26 / 12 / 10	23 / 16 / 10	20 / 12 / 10		
		7 to 27	QMPV QBlock	55 / 52 / 33	55 / 47 / 30	55 / 43 / 28	55 / 40 / 25	55 / 37 / 23	55 / 34 / 21	55 / 31 / 20	55 / 29 / 18	53 / 27 / 17	50 / 25 / 16	46 / 24 / 15	41 / 21 / 13	36 / 18 / 12	32 / 16 / 10	28 / 12 / 10	25 / 10 / 10	22 / 12 / 10		
		27 to 45	QMPV QBlock	67 / 67 / 67	67 / 67 / 67	67 / 62 / 62	67 / 57 / 57	64 / 52 / 52	59 / 48 / 48	54 / 45 / 45	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	41 / 34 / 34	36 / 30 / 30	32 / 26 / 26	28 / 23 / 23	25 / 20 / 20	22 / 17 / 17	19 / 15 / 10	16 / 10 / 10	
		45 to 90	QMPV QBlock	75 / 59 / 59	69 / 54 / 54	63 / 50 / 50	58 / 46 / 46	54 / 42 / 42	50 / 39 / 39	46 / 36 / 36	43 / 34 / 34	40 / 32 / 32	38 / 30 / 30	35 / 28 / 28	31 / 24 / 24	28 / 22 / 22	25 / 20 / 20	22 / 17 / 17	19 / 15 / 10	16 / 10 / 10	13 / 10 / 10	
90 psf	B	0 to 7	QMPV QBlock	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44	44 / 44 / 44		
		7 to 27	QMPV QBlock	49 / 49 / 49	49 / 49 / 49	49 / 49 / 47	49 / 49 / 43	49 / 49 / 40	49 / 49 / 37	49 / 49 / 34	49 / 49 / 32	49 / 46 / 29	49 / 43 / 27	49 / 40 / 26	49 / 35 / 23	49 / 31 / 20	49 / 28 / 18	49 / 24 / 17	49 / 21 / 16	49 / 18 / 15		
		27 to 45	QMPV QBlock	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	
		45 to 90	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 76 / 76	82 / 70 / 70	82 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23	27 / 20 / 20	
	C	0 to 7	QMPV QBlock	44 / 44 / 37	44 / 44 / 34	44 / 44 / 31	44 / 44 / 28	44 / 41 / 26	44 / 38 / 24	44 / 35 / 22	44 / 33 / 20	44 / 30 / 19	44 / 28 / 18	44 / 27 / 17	44 / 23 / 15	44 / 21 / 13	44 / 21 / 13	44 / 21 / 13	44 / 21 / 13	44 / 21 / 13	44 / 21 / 13	
		7 to 27	QMPV QBlock	49 / 49 / 40	49 / 49 / 36	49 / 49 / 33	49 / 49 / 30	49 / 44 / 28	49 / 40 / 26	49 / 37 / 24	49 / 35 / 22	49 / 32 / 21	49 / 30 / 19	49 / 28 / 18	49 / 25 / 16	49 / 21 / 13	49 / 21 / 13	49 / 21 / 13	49 / 21 / 13	49 / 21 / 13	49 / 21 / 13	
		27 to 45	QMPV QBlock	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	60 / 60 / 60	
		45 to 90	QMPV QBlock	82 / 70 / 70	82 / 64 / 64	75 / 59 / 59	69 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	45 / 35 / 35	42 / 33 / 33	37 / 29 / 29	33 / 26 / 26	30 / 23 / 23	27 / 20 / 20	25 / 20 / 20	22 / 17 / 17	19 / 15 / 10	
	D	0 to 7	QMPV QBlock	47 / 47 / 31	47 / 45 / 28	47 / 41 / 26	47 / 38 / 23	47 / 35 / 22	47 / 32 / 20	47 / 29 / 18	47 / 27 / 17	47 / 25 / 16	45 / 24 / 15	42 / 22 / 14	37 / 20 / 12	32 / 17 / 11	29 / 15 / 10	26 / 12 / 10	23 / 16 / 10	20 / 12 / 10		
		7 to 27	QMPV QBlock	52 / 52 / 33	52 / 47 / 30	52 / 43 / 28	52 / 40 / 25	52 / 37 / 23	52 / 34 / 21	52 / 31 / 20	52 / 29 / 18	52 / 27 / 17	50 / 25 / 16	46 / 24 / 15	41 / 21 / 13	36 / 18 / 12	32 / 16 / 10	28 / 12 / 10	25 / 10 / 10	22 / 12 / 10		
		27 to 45	QMPV QBlock	64 / 64 / 64	64 / 64 / 64	64 / 62 / 62	64 / 57 / 57	64 / 52 / 52	59 / 48 / 48	54 / 45 / 45	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	41 / 34 / 34	36 / 30 / 30	32 / 26 / 26	28 / 23 / 23	25 / 20 / 20	22 / 17 / 17	19 / 15 / 10	16 / 10 / 10	
		45 to 90	QMPV QBlock	75 / 59 / 59	69 / 54 / 54	63 / 50 / 50	58 / 46 / 46	54 / 42 / 42	50 / 39 / 39	46 / 36 / 36	43 / 34 / 34	40 / 32 / 32	38 / 30 / 30	35 / 28 / 28	31 / 24 / 24	28 / 22 / 22	25 / 20 / 20	22 / 17 / 17	19 / 15 / 10	16 / 10 / 10	13 / 10 / 10	
100 psf	B	0 to 7	QMPV QBlock	42 / 42 / 42	42 / 42 / 42	42 / 42 / 42	42 / 42 / 40	42 / 42 / 37	42 / 42 / 34	42 / 42 / 32	42 / 42 / 29	42 / 42 / 27	42 / 41 / 25	42 / 38 / 24	42 / 33 / 21	42 / 30 / 19	42 / 26 / 17	42 / 26 / 17	42 / 26 / 17	42 / 26 / 17		

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE, QMSC, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.36) -- Landscape																	
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->			Roof Zone ->														
			110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph				
			1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3		
0 psf	B	0 to 7	QMPV QBlock	134 / 134 / 104	134 / 130 / 95	134 / 126 / 86	134 / 122 / 79	134 / 117 / 73	134 / 108 / 67	134 / 100 / 62	134 / 92 / 58	133 / 86 / 54	129 / 80 / 50	126 / 75 / 47	121 / 66 / 41	109 / 58 / 37	97 / 52 / 33			
		7 to 27	QMPV QBlock	135 / 135 / 112	135 / 132 / 102	135 / 128 / 93	135 / 124 / 85	135 / 121 / 78	135 / 114 / 72	135 / 105 / 67	135 / 97 / 62	135 / 91 / 62	135 / 91 / 58	134 / 84 / 54	131 / 79 / 50	126 / 69 / 44	120 / 62 / 39	108 / 55 / 35		
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	137 / 137 / 137	137 / 137 / 137	136 / 136 / 136	134 / 132 / 132	131 / 129 / 129	128 / 126 / 126	126 / 123 / 123	123 / 120 / 120	121 / 113 / 113	115 / 99 / 99	107 / 88 / 88	95 / 78 / 78			
		45 to 90	QMPV QBlock	139 / 139 / 139	139 / 139 / 139	139 / 135 / 135	138 / 131 / 131	135 / 128 / 128	132 / 124 / 124	129 / 119 / 119	126 / 111 / 111	123 / 103 / 103	121 / 97 / 97	116 / 91 / 91	102 / 80 / 80	91 / 72 / 72	82 / 64 / 64			
	C	0 to 7	QMPV QBlock	134 / 117 / 72	134 / 106 / 66	134 / 97 / 60	134 / 88 / 55	130 / 81 / 51	127 / 75 / 47	123 / 69 / 44	120 / 64 / 40	113 / 60 / 38	105 / 56 / 35	98 / 52 / 33	86 / 49 / 29	76 / 41 / 26	68 / 37 / 23			
		7 to 27	QMPV QBlock	135 / 121 / 78	135 / 112 / 71	135 / 102 / 65	135 / 93 / 59	135 / 86 / 55	131 / 79 / 51	128 / 73 / 47	124 / 68 / 44	121 / 63 / 41	117 / 59 / 38	109 / 55 / 36	96 / 49 / 31	85 / 43 / 28	75 / 39 / 25			
		27 to 45	QMPV QBlock	136 / 136 / 136	133 / 132 / 132	130 / 128 / 128	127 / 124 / 124	124 / 120 / 120	121 / 113 / 113	117 / 105 / 105	114 / 97 / 97	110 / 91 / 91	102 / 84 / 84	96 / 79 / 79	84 / 70 / 70	75 / 62 / 62	67 / 55 / 55			
		45 to 90	QMPV QBlock	134 / 128 / 128	131 / 124 / 124	128 / 115 / 115	124 / 106 / 106	122 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 65 / 65	73 / 57 / 57	65 / 51 / 51	58 / 46 / 46			
	D	0 to 7	QMPV QBlock	134 / 97 / 61	134 / 88 / 55	130 / 81 / 50	126 / 74 / 46	122 / 68 / 43	118 / 63 / 39	109 / 58 / 37	101 / 54 / 34	94 / 50 / 32	87 / 47 / 30	82 / 44 / 28	72 / 39 / 24	64 / 34 / 22	57 / 31 / 19			
		7 to 27	QMPV QBlock	135 / 103 / 65	135 / 93 / 59	134 / 85 / 54	130 / 78 / 50	127 / 72 / 46	123 / 66 / 42	120 / 61 / 39	112 / 57 / 37	104 / 53 / 34	97 / 50 / 32	91 / 46 / 30	80 / 41 / 26	71 / 36 / 23	63 / 32 / 21			
		27 to 45	QMPV QBlock	130 / 128 / 128	127 / 124 / 124	124 / 120 / 120	121 / 111 / 111	116 / 103 / 103	113 / 95 / 95	106 / 88 / 88	99 / 81 / 81	92 / 76 / 76	86 / 71 / 71	80 / 66 / 66	71 / 58 / 58	63 / 52 / 52	56 / 46 / 46			
		45 to 90	QMPV QBlock	128 / 116 / 116	124 / 106 / 106	121 / 97 / 97	114 / 90 / 90	106 / 83 / 83	98 / 77 / 77	91 / 71 / 71	85 / 67 / 67	79 / 62 / 62	74 / 58 / 58	70 / 55 / 55	62 / 48 / 48	55 / 43 / 43	49 / 39 / 39			
5 psf	B	0 to 7	QMPV QBlock	130 / 130 / 104	130 / 126 / 86	130 / 122 / 79	130 / 117 / 73	130 / 108 / 67	130 / 100 / 62	130 / 92 / 58	130 / 86 / 54	129 / 80 / 50	126 / 75 / 47	121 / 66 / 41	109 / 58 / 37	97 / 52 / 33				
		7 to 27	QMPV QBlock	135 / 135 / 112	135 / 132 / 102	135 / 128 / 93	135 / 124 / 85	135 / 121 / 78	135 / 114 / 72	135 / 105 / 67	135 / 97 / 62	135 / 91 / 58	134 / 84 / 54	131 / 79 / 50	126 / 69 / 44	120 / 62 / 39	108 / 55 / 35			
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	137 / 137 / 137	137 / 137 / 137	136 / 136 / 136	134 / 132 / 132	131 / 129 / 129	128 / 126 / 126	126 / 123 / 123	123 / 120 / 120	121 / 113 / 113	115 / 99 / 99	107 / 88 / 88	95 / 78 / 78			
		45 to 90	QMPV QBlock	139 / 139 / 139	139 / 139 / 139	139 / 135 / 135	138 / 131 / 131	135 / 128 / 128	132 / 124 / 124	129 / 119 / 119	126 / 111 / 111	123 / 103 / 103	121 / 97 / 97	116 / 91 / 91	102 / 80 / 80	91 / 72 / 72	82 / 64 / 64			
	C	0 to 7	QMPV QBlock	130 / 117 / 72	130 / 106 / 66	130 / 97 / 60	130 / 88 / 55	130 / 81 / 51	127 / 75 / 47	123 / 69 / 44	120 / 64 / 40	113 / 60 / 38	105 / 56 / 35	98 / 52 / 33	86 / 49 / 29	76 / 41 / 26	68 / 37 / 23			
		7 to 27	QMPV QBlock	135 / 121 / 78	135 / 112 / 71	135 / 102 / 65	135 / 93 / 59	135 / 86 / 55	131 / 79 / 51	128 / 73 / 47	124 / 68 / 44	121 / 63 / 41	117 / 59 / 38	109 / 55 / 36	96 / 49 / 31	85 / 43 / 28	75 / 39 / 25			
		27 to 45	QMPV QBlock	136 / 136 / 136	133 / 132 / 132	130 / 128 / 128	127 / 124 / 124	124 / 120 / 120	121 / 113 / 113	117 / 105 / 105	114 / 97 / 97	110 / 91 / 91	102 / 84 / 84	96 / 79 / 79	84 / 70 / 70	75 / 62 / 62	67 / 55 / 55			
		45 to 90	QMPV QBlock	134 / 128 / 128	131 / 124 / 124	128 / 115 / 115	124 / 106 / 106	122 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 65 / 65	73 / 57 / 57	65 / 51 / 51	58 / 46 / 46			
	D	0 to 7	QMPV QBlock	130 / 97 / 61	130 / 88 / 55	130 / 81 / 50	126 / 74 / 46	122 / 68 / 43	118 / 63 / 39	109 / 58 / 37	101 / 54 / 34	94 / 50 / 32	87 / 47 / 30	82 / 44 / 28	72 / 39 / 24	64 / 34 / 22	57 / 31 / 19			
		7 to 27	QMPV QBlock	135 / 103 / 65	135 / 93 / 59	134 / 85 / 54	130 / 78 / 50	127 / 72 / 46	123 / 66 / 42	120 / 61 / 39	112 / 57 / 37	104 / 53 / 34	97 / 50 / 32	91 / 46 / 30	80 / 41 / 26	71 / 36 / 23	63 / 32 / 21			
		27 to 45	QMPV QBlock	130 / 128 / 128	127 / 124 / 124	124 / 120 / 120	121 / 111 / 111	116 / 103 / 103	113 / 95 / 95	106 / 88 / 88	99 / 81 / 81	92 / 76 / 76	86 / 71 / 71	80 / 66 / 66	71 / 58 / 58	63 / 52 / 52	56 / 46 / 46			
		45 to 90	QMPV QBlock	128 / 116 / 116	124 / 106 / 106	121 / 97 / 97	114 / 90 / 90	106 / 83 / 83	98 / 77 / 77	91 / 71 / 71	85 / 67 / 67	79 / 62 / 62	74 / 58 / 58	70 / 55 / 55	62 / 48 / 48	55 / 43 / 43	49 / 39 / 39			
10 psf	B	0 to 7	QMPV QBlock	119 / 119 / 104	119 / 119 / 95	119 / 119 / 86	119 / 119 / 79	119 / 110 / 67	119 / 102 / 62	119 / 92 / 58	119 / 86 / 54	119 / 80 / 50	117 / 75 / 47	119 / 66 / 41	109 / 58 / 37	97 / 52 / 33				
		7 to 27	QMPV QBlock	129 / 129 / 112	129 / 129 / 102	129 / 128 / 93	129 / 124 / 85	129 / 121 / 78	129 / 114 / 72	129 / 105 / 67	129 / 97 / 62	129 / 91 / 58	129 / 84 / 54	129 / 79 / 50	125 / 69 / 44	120 / 62 / 39	108 / 55 / 35			
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	137 / 137 / 137	137 / 137 / 137	136 / 136 / 136	134 / 132 / 132	131 / 129 / 129	128 / 126 / 126	126 / 123 / 123	123 / 120 / 120	121 / 113 / 113	115 / 99 / 99	107 / 88 / 88	95 / 78 / 78			
		45 to 90	QMPV QBlock	139 / 139 / 139	139 / 139 / 139	139 / 135 / 135	138 / 131 / 131	135 / 128 / 128	132 / 124 / 124	129 / 119 / 119	126 / 111 / 111	123 / 103 / 103	121 / 97 / 97	116 / 91 / 91	102 / 80 / 80	91 / 72 / 72	82 / 64 / 64			
	C	0 to 7	QMPV QBlock	119 / 117 / 72	119 / 106 / 66	119 / 97 / 60	119 / 88 / 55	119 / 81 / 51	119 / 75 / 47	119 / 69 / 44	119 / 64 / 40	113 / 60 / 38	105 / 56 / 35	98 / 52 / 33	86 / 49 / 29	76 / 41 / 26	68 / 37 / 23			
		7 to 27	QMPV QBlock	129 / 121 / 78	129 / 112 / 71	129 / 102 / 65	129 / 93 / 59	129 / 86 / 55	129 / 79 / 51	128 / 73 / 47	124 / 68 / 44	121 / 63 / 41	117 / 59 / 38	109 / 55 / 36	96 / 49 / 31	85 / 43 / 28	75 / 39 / 25			
		27 to 45	QMPV QBlock	136 / 136 / 136	133 / 132 / 132	130 / 128 / 128	127 / 124 / 124	124 / 120 / 120	121 / 113 / 113	117 / 105 / 105	114 / 97 / 97	110 / 91 / 91	102 / 84 / 84	96 / 79 / 79	84 / 70 / 70	75 / 62 / 62	67 / 55 / 55			
		45 to 90	QMPV QBlock	134 / 128 / 128	131 / 124 / 124	128 / 115 / 115	124 / 106 / 106	122 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 65 / 65	73 / 57 / 57	65 / 51 / 51	58 / 46 / 46			
	D	0 to 7	QMPV QBlock	119 / 97 / 61	119 / 88 / 55	119 / 81 / 50	119 / 74 / 46	119 / 68 / 43	118 / 63 / 39	109 / 58 / 37	101 / 54 / 34	94 / 50 / 32	87 / 47 / 30	82 / 44 / 28	72 / 39 / 24	64 / 34 / 22	57 / 31 / 19			
		7 to 27	QMPV QBlock	131 / 103 / 65	131 / 93 / 59	131 / 85 / 54	130 / 78 / 50	127 / 72 / 46	123 / 66 / 42	120 / 61 / 39	112 / 57 / 37	104 / 53 / 34	97 / 50 / 32	91 / 46 / 30	80 / 41 / 26	71 / 36 / 23	63 / 32 / 21			
		27 to 45	QMPV QBlock	130 / 128 / 128	127 / 124 / 124	124 / 120 / 120	121 / 111 / 111	116 / 103 / 103	113 / 95 / 95	106 / 88 / 88	99 / 81 / 81	92 / 76 / 76	86 / 71 / 71	80 / 66 / 66	71 / 58 / 58	63 / 52 / 52	56 / 46 / 46			
		45 to 90	QMPV QBlock	128 / 116 / 116	124 / 106 / 106	121 / 97 / 97	114 / 90 / 90	106 / 83 / 83	98 / 77 / 77	91 / 71 / 71	85 / 67 / 67	79 / 62 / 62	74 / 58 / 58	70 / 55 / 55	62 / 48 / 48	55 / 43 / 43	49 / 39 / 39			
15 psf	B	0 to 7	QMPV QBlock	108 / 108 / 104	108 / 108 / 95	108 / 108 / 86	108 / 108 / 79	108 / 108 / 73	108 / 108 / 67	108 / 100 / 62	108 / 92 / 58	108 / 86 / 54	108 / 80 / 50	108 / 75 / 47	108 / 66 / 41	108 / 58 / 37	97 / 52 / 33			
		7 to 27	QMPV QBlock	123 / 123 / 112	123 / 123 / 102	123 / 123 / 93	123 / 123 / 85	123 / 121 / 78	123 / 114 / 72	123 / 105 / 67	123 / 97 / 62	123 / 91 / 58	123 / 84 / 54	123 / 79 / 50	123 / 69 / 44	120 / 62 / 39	108 / 55 / 35			
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	137 / 137 / 137	137 / 137 / 137	136 / 136 / 136	134 / 132 / 132	131 / 129 / 129	128 / 126 / 126	126 / 123 / 123	123 / 120 / 120	121 / 113 / 113	115 / 99 / 99	107 / 88 / 88	95 / 78 / 78			
		45 to 90	QMPV QBlock	139 / 139 / 139	139 / 139 / 139	139 / 135 / 135	138 / 131 / 131	135 / 128 / 128	132 / 124 / 124	129 / 119 / 119	126 / 111 / 111	123 / 103 / 103	121 / 97 / 97	116 / 91 / 91	102 / 80 / 80	91 / 72 / 72	82 / 64 / 64			
	C	0 to 7	QMPV QBlock	108 / 108 / 72	108 / 106 / 66	108 / 97 / 60	108 / 88 / 55	108 / 81 / 51	108 / 75 / 47	108 / 69 / 44	108 / 64 / 40	108 / 60 / 38	105 / 56							

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE, QMSC, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.36) -- Landscape																			
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed -> Roof Zone ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph					
				1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3			
70 psf	B	0 to 7	QMPV QBlock	69 / 69 / 69	69 / 69 / 69	69 / 69 / 69	69 / 69 / 69	69 / 69 / 69	69 / 69 / 69	69 / 69 / 69	69 / 69 / 69	69 / 69 / 69	69 / 69 / 69	69 / 69 / 69	69 / 69 / 69	69 / 69 / 69	69 / 69 / 69	69 / 69 / 69				
		7 to 27	QMPV QBlock	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77			
		27 to 45	QMPV QBlock	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94		
		45 to 90	QMPV QBlock	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129	129 / 129 / 129		
	C	0 to 7	QMPV QBlock	69 / 69 / 69	69 / 69 / 66	69 / 69 / 60	69 / 69 / 55	69 / 69 / 51	69 / 69 / 47	69 / 69 / 43	69 / 69 / 39	69 / 69 / 35	69 / 69 / 31	69 / 69 / 27	69 / 69 / 23	69 / 69 / 19	69 / 69 / 15	69 / 69 / 11	69 / 69 / 7	69 / 69 / 3		
		7 to 27	QMPV QBlock	77 / 77 / 77	77 / 77 / 71	77 / 77 / 65	77 / 77 / 59	77 / 77 / 53	77 / 77 / 47	77 / 77 / 41	77 / 77 / 35	77 / 77 / 29	77 / 77 / 23	77 / 77 / 17	77 / 77 / 11	77 / 77 / 5	77 / 77 / 0	77 / 77 / 0	77 / 77 / 0	77 / 77 / 0	77 / 77 / 0	
		27 to 45	QMPV QBlock	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	
		45 to 90	QMPV QBlock	129 / 128 / 128	129 / 124 / 124	128 / 115 / 115	124 / 106 / 106	122 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 65 / 65	73 / 57 / 57	65 / 51 / 51	58 / 46 / 46	51 / 39 / 39	44 / 32 / 32	37 / 25 / 25	30 / 19 / 19	
	D	0 to 7	QMPV QBlock	73 / 73 / 61	73 / 73 / 55	73 / 73 / 50	73 / 73 / 46	73 / 68 / 43	73 / 63 / 39	73 / 58 / 37	73 / 54 / 34	73 / 50 / 32	73 / 47 / 30	73 / 44 / 28	73 / 41 / 26	73 / 38 / 24	73 / 35 / 20	73 / 32 / 15	73 / 29 / 10	73 / 26 / 5	73 / 23 / 0	
		7 to 27	QMPV QBlock	82 / 82 / 65	82 / 82 / 59	82 / 82 / 54	82 / 78 / 50	82 / 72 / 46	82 / 66 / 42	82 / 61 / 39	82 / 57 / 37	82 / 53 / 34	80 / 50 / 32	80 / 46 / 30	78 / 41 / 26	71 / 36 / 23	63 / 32 / 21	56 / 23 / 12	49 / 10 / 0	42 / 0 / 0	35 / 0 / 0	
		27 to 45	QMPV QBlock	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 95 / 95	97 / 88 / 88	95 / 81 / 81	92 / 76 / 76	86 / 71 / 71	80 / 66 / 66	71 / 58 / 58	63 / 52 / 52	56 / 46 / 46	49 / 39 / 39	42 / 29 / 29	35 / 25 / 25	
		45 to 90	QMPV QBlock	128 / 116 / 116	124 / 106 / 106	121 / 97 / 97	114 / 90 / 90	106 / 83 / 83	98 / 77 / 77	91 / 71 / 71	85 / 67 / 67	79 / 62 / 62	74 / 58 / 58	70 / 55 / 55	62 / 48 / 48	55 / 43 / 43	49 / 39 / 39	42 / 29 / 29	35 / 25 / 25	28 / 19 / 19	21 / 10 / 10	
80 psf	B	0 to 7	QMPV QBlock	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65		
		7 to 27	QMPV QBlock	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	
		27 to 45	QMPV QBlock	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88
		45 to 90	QMPV QBlock	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 124 / 124	125 / 119 / 119	125 / 111 / 111	123 / 103 / 103	121 / 97 / 97	116 / 91 / 91	102 / 80 / 80	91 / 72 / 72	82 / 64 / 64	74 / 58 / 58	67 / 53 / 53	60 / 47 / 47	54 / 41 / 41	48 / 35 / 35
	C	0 to 7	QMPV QBlock	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	65 / 65 / 65	
		7 to 27	QMPV QBlock	72 / 72 / 72	72 / 72 / 71	72 / 72 / 65	72 / 72 / 59	72 / 72 / 55	72 / 72 / 51	72 / 72 / 47	72 / 72 / 43	72 / 68 / 44	72 / 63 / 41	72 / 59 / 38	72 / 55 / 36	72 / 49 / 31	72 / 43 / 28	72 / 39 / 25	72 / 35 / 21	72 / 31 / 17	72 / 27 / 13	72 / 23 / 9
		27 to 45	QMPV QBlock	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88
		45 to 90	QMPV QBlock	125 / 125 / 125	125 / 124 / 124	125 / 115 / 115	124 / 106 / 106	122 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 65 / 65	73 / 57 / 57	65 / 51 / 51	58 / 46 / 46	51 / 39 / 39	44 / 32 / 32	37 / 25 / 25	30 / 19 / 19	23 / 10 / 10
	D	0 to 7	QMPV QBlock	69 / 69 / 61	69 / 69 / 55	69 / 69 / 50	69 / 69 / 46	69 / 69 / 43	69 / 69 / 39	69 / 69 / 35	69 / 69 / 31	69 / 69 / 27	69 / 69 / 23	69 / 69 / 19	69 / 69 / 15	69 / 69 / 11	69 / 69 / 7	69 / 69 / 3	69 / 69 / 0	69 / 69 / 0	69 / 69 / 0	
		7 to 27	QMPV QBlock	77 / 77 / 65	77 / 77 / 59	77 / 77 / 54	77 / 77 / 50	77 / 77 / 46	77 / 77 / 42	77 / 77 / 38	77 / 77 / 34	77 / 77 / 30	77 / 77 / 26	77 / 77 / 22	77 / 77 / 18	77 / 77 / 14	77 / 77 / 10	77 / 77 / 6	77 / 77 / 2	77 / 77 / 0	77 / 77 / 0	
		27 to 45	QMPV QBlock	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93
		45 to 90	QMPV QBlock	128 / 116 / 116	124 / 106 / 106	121 / 97 / 97	114 / 90 / 90	106 / 83 / 83	98 / 77 / 77	91 / 71 / 71	85 / 67 / 67	79 / 62 / 62	74 / 58 / 58	70 / 55 / 55	62 / 48 / 48	55 / 43 / 43	49 / 39 / 39	42 / 29 / 29	35 / 25 / 25	28 / 19 / 19	21 / 10 / 10	
90 psf	B	0 to 7	QMPV QBlock	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62		
		7 to 27	QMPV QBlock	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	
		27 to 45	QMPV QBlock	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84
		45 to 90	QMPV QBlock	121 / 121 / 121	121 / 121 / 121	121 / 121 / 121	121 / 121 / 121	121 / 121 / 121	121 / 121 / 121	121 / 121 / 121	121 / 119 / 119	121 / 111 / 111	121 / 103 / 103	121 / 97 / 97	116 / 91 / 91	102 / 80 / 80	91 / 72 / 72	82 / 64 / 64	74 / 58 / 58	67 / 53 / 53	60 / 47 / 47	54 / 41 / 41
	C	0 to 7	QMPV QBlock	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	62 / 62 / 62	
		7 to 27	QMPV QBlock	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	68 / 68 / 68	
		27 to 45	QMPV QBlock	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	
		45 to 90	QMPV QBlock	121 / 121 / 121	121 / 121 / 121	121 / 115 / 115	121 / 106 / 106	121 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 79 / 79	94 / 74 / 74	88 / 69 / 69	82 / 65 / 65	73 / 57 / 57	65 / 51 / 51	58 / 46 / 46	51 / 39 / 39	44 / 32 / 32	37 / 25 / 25	30 / 19 / 19	23 / 10 / 10
	D	0 to 7	QMPV QBlock	65 / 65 / 61	65 / 65 / 55	65 / 65 / 50	65 / 65 / 46	65 / 65 / 43	65 / 65 / 39	65 / 65 / 35	65 / 65 / 31	65 / 65 / 27	65 / 65 / 23	65 / 65 / 19	65 / 65 / 15	65 / 65 / 11	65 / 65 / 7	65 / 65 / 3	65 / 65 / 0	65 / 65 / 0	65 / 65 / 0	
		7 to 27	QMPV QBlock	72 / 72 / 65	72 / 72 / 59	72 / 72 / 54	72 / 72 / 50	72 / 72 / 46	72 / 72 / 42	72 / 72 / 38	72 / 72 / 34	72 / 72 / 30	72 / 72 / 26	72 / 72 / 22	72 / 72 / 18	72 / 72 / 14	72 / 72 / 10	72 / 72 / 6	72 / 72 / 2	72 / 72 / 0	72 / 72 / 0	
		27 to 45	QMPV QBlock	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88	88 / 88 / 88
		45 to 90	QMPV QBlock	125 / 116 / 116	124 / 106 / 106	121 / 97 / 97	114 / 90 / 90	106 / 83 / 83	98 / 77 / 77	91 / 71 / 71	85 / 67 / 67	79 / 62 / 62	74 / 58 / 58	70 / 55 / 55	62 / 48 / 48	55 / 43 / 43	49 / 39 / 39	42 / 29 / 29	35 / 25 / 25	28 /		

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 30 to 60 foot Roof -- QMPV QBlock Mount QMSE, QMCS, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.36) -- 60-Cell																		
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->		Roof Zone ->																
			110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph					
0 psf	B	0 to 7	QMPV QBlock	110 / 85 / 52	110 / 77 / 48	110 / 70 / 43	110 / 64 / 40	110 / 59 / 37	104 / 54 / 34	106 / 50 / 31	88 / 46 / 29	82 / 43 / 27	76 / 40 / 25	71 / 38 / 24	62 / 33 / 21	55 / 29 / 18	49 / 26 / 16				
		7 to 27	QMPV QBlock	112 / 89 / 56	112 / 81 / 51	112 / 74 / 47	112 / 68 / 43	112 / 62 / 39	112 / 57 / 36	106 / 53 / 34	98 / 49 / 31	91 / 46 / 29	85 / 43 / 27	79 / 40 / 25	69 / 35 / 22	61 / 31 / 20	54 / 28 / 18				
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	112 / 106 / 106	108 / 97 / 97	104 / 89 / 89	100 / 82 / 82	92 / 76 / 76	85 / 70 / 70	79 / 65 / 65	74 / 61 / 61	69 / 57 / 57	61 / 50 / 50	54 / 44 / 44	48 / 40 / 40				
		45 to 90	QMPV QBlock	117 / 98 / 98	114 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33				
		0 to 7	QMPV QBlock	110 / 62 / 39	108 / 56 / 35	98 / 51 / 32	89 / 47 / 29	82 / 43 / 27	75 / 40 / 25	70 / 37 / 23	64 / 34 / 22	60 / 32 / 20	56 / 30 / 19	52 / 28 / 17	46 / 25 / 15	40 / 22 / 14	36 / 19 / 12				
		7 to 27	QMPV QBlock	112 / 65 / 42	112 / 59 / 38	109 / 54 / 35	99 / 50 / 32	91 / 46 / 29	84 / 42 / 27	77 / 39 / 25	72 / 36 / 23	67 / 34 / 22	62 / 32 / 20	58 / 29 / 19	54 / 25 / 15	48 / 23 / 15	40 / 21 / 13				
	27 to 45	QMPV QBlock	106 / 94 / 94	102 / 85 / 85	95 / 78 / 78	87 / 71 / 71	80 / 65 / 65	73 / 60 / 60	68 / 56 / 56	63 / 52 / 52	59 / 48 / 48	55 / 45 / 45	51 / 42 / 42	45 / 37 / 37	40 / 33 / 33	36 / 29 / 29					
	45 to 90	QMPV QBlock	94 / 74 / 74	86 / 68 / 68	79 / 62 / 62	73 / 57 / 57	67 / 53 / 53	62 / 49 / 49	58 / 45 / 45	54 / 42 / 42	50 / 40 / 40	47 / 37 / 37	44 / 35 / 35	39 / 31 / 31	35 / 27 / 27	31 / 24 / 24					
	0 to 7	QMPV QBlock	101 / 53 / 33	91 / 48 / 30	83 / 44 / 27	76 / 40 / 25	70 / 37 / 23	64 / 34 / 21	59 / 32 / 20	55 / 29 / 18	51 / 27 / 17	48 / 25 / 16	44 / 24 / 15	39 / 21 / 13	35 / 19 / 12	31 / 17 / 10					
	7 to 27	QMPV QBlock	112 / 56 / 36	102 / 51 / 32	92 / 46 / 30	84 / 42 / 27	77 / 39 / 25	71 / 36 / 23	66 / 33 / 21	61 / 31 / 20	57 / 29 / 18	53 / 27 / 17	49 / 25 / 16	43 / 22 / 14	38 / 20 / 13	34 / 18 / 11					
	27 to 45	QMPV QBlock	97 / 80 / 80	88 / 73 / 73	81 / 66 / 66	74 / 61 / 61	68 / 56 / 56	63 / 52 / 52	58 / 48 / 48	54 / 44 / 44	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	38 / 32 / 32	34 / 28 / 28	30 / 25 / 25					
	45 to 90	QMPV QBlock	81 / 64 / 64	74 / 58 / 58	68 / 53 / 53	63 / 49 / 49	58 / 45 / 45	54 / 42 / 42	50 / 39 / 39	47 / 36 / 36	43 / 34 / 34	41 / 32 / 32	38 / 30 / 30	34 / 26 / 26	30 / 23 / 23	27 / 21 / 21					
	0 to 7	QMPV QBlock	105 / 85 / 52	105 / 77 / 48	105 / 70 / 43	103 / 64 / 40	105 / 59 / 37	104 / 54 / 34	96 / 50 / 31	88 / 46 / 29	82 / 43 / 27	76 / 40 / 25	71 / 38 / 24	62 / 33 / 21	55 / 29 / 18	49 / 26 / 16					
	7 to 27	QMPV QBlock	112 / 89 / 56	112 / 81 / 51	112 / 74 / 47	112 / 68 / 43	112 / 62 / 39	112 / 57 / 36	106 / 53 / 34	98 / 49 / 31	91 / 46 / 29	85 / 43 / 27	79 / 40 / 25	69 / 35 / 22	61 / 31 / 20	54 / 28 / 18					
	27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	112 / 106 / 106	108 / 97 / 97	104 / 89 / 89	100 / 82 / 82	92 / 76 / 76	85 / 70 / 70	79 / 65 / 65	74 / 61 / 61	69 / 57 / 57	61 / 50 / 50	54 / 44 / 44	48 / 40 / 40					
	45 to 90	QMPV QBlock	117 / 98 / 98	114 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33					
	0 to 7	QMPV QBlock	105 / 62 / 39	105 / 56 / 35	98 / 51 / 32	89 / 47 / 29	82 / 43 / 27	75 / 40 / 25	70 / 37 / 23	64 / 34 / 22	60 / 32 / 20	56 / 30 / 19	52 / 28 / 17	46 / 25 / 15	40 / 22 / 14	36 / 19 / 12					
	7 to 27	QMPV QBlock	112 / 65 / 42	112 / 59 / 38	109 / 54 / 35	99 / 50 / 32	91 / 46 / 29	84 / 42 / 27	77 / 39 / 25	72 / 36 / 23	67 / 34 / 22	62 / 32 / 20	58 / 29 / 19	54 / 25 / 15	48 / 23 / 15	40 / 21 / 13					
	27 to 45	QMPV QBlock	106 / 94 / 94	102 / 85 / 85	95 / 78 / 78	87 / 71 / 71	80 / 65 / 65	73 / 60 / 60	68 / 56 / 56	63 / 52 / 52	59 / 48 / 48	55 / 45 / 45	51 / 42 / 42	45 / 37 / 37	40 / 33 / 33	36 / 29 / 29					
	45 to 90	QMPV QBlock	94 / 74 / 74	86 / 68 / 68	79 / 62 / 62	73 / 57 / 57	67 / 53 / 53	62 / 49 / 49	58 / 45 / 45	54 / 42 / 42	50 / 40 / 40	47 / 37 / 37	44 / 35 / 35	39 / 31 / 31	35 / 27 / 27	31 / 24 / 24					
	0 to 7	QMPV QBlock	101 / 53 / 33	91 / 48 / 30	83 / 44 / 27	76 / 40 / 25	70 / 37 / 23	64 / 34 / 21	59 / 32 / 20	55 / 29 / 18	51 / 27 / 17	48 / 25 / 16	44 / 24 / 15	39 / 21 / 13	35 / 19 / 12	31 / 17 / 10					
	7 to 27	QMPV QBlock	112 / 56 / 36	102 / 51 / 32	92 / 46 / 30	84 / 42 / 27	77 / 39 / 25	71 / 36 / 23	66 / 33 / 21	61 / 31 / 20	57 / 29 / 18	53 / 27 / 17	49 / 25 / 16	43 / 22 / 14	38 / 20 / 13	34 / 18 / 11					
	27 to 45	QMPV QBlock	97 / 80 / 80	88 / 73 / 73	81 / 66 / 66	74 / 61 / 61	68 / 56 / 56	63 / 52 / 52	58 / 48 / 48	54 / 44 / 44	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	38 / 32 / 32	34 / 28 / 28	30 / 25 / 25					
	45 to 90	QMPV QBlock	81 / 64 / 64	74 / 58 / 58	68 / 53 / 53	63 / 49 / 49	58 / 45 / 45	54 / 42 / 42	50 / 39 / 39	47 / 36 / 36	43 / 34 / 34	41 / 32 / 32	38 / 30 / 30	34 / 26 / 26	30 / 23 / 23	27 / 21 / 21					
0 to 7	QMPV QBlock	93 / 85 / 52	93 / 77 / 48	93 / 70 / 43	93 / 64 / 40	93 / 59 / 37	93 / 54 / 34	93 / 50 / 31	88 / 46 / 29	82 / 43 / 27	76 / 40 / 25	71 / 38 / 24	62 / 33 / 21	55 / 29 / 18	49 / 26 / 16						
7 to 27	QMPV QBlock	104 / 89 / 56	104 / 81 / 51	104 / 74 / 47	104 / 68 / 43	104 / 62 / 39	104 / 57 / 36	104 / 53 / 34	98 / 49 / 31	91 / 46 / 29	85 / 43 / 27	79 / 40 / 25	69 / 35 / 22	61 / 31 / 20	54 / 28 / 18						
27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	112 / 106 / 106	108 / 97 / 97	104 / 89 / 89	100 / 82 / 82	92 / 76 / 76	85 / 70 / 70	79 / 65 / 65	74 / 61 / 61	69 / 57 / 57	61 / 50 / 50	54 / 44 / 44	48 / 40 / 40						
45 to 90	QMPV QBlock	117 / 98 / 98	114 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33						
0 to 7	QMPV QBlock	93 / 62 / 39	93 / 56 / 35	93 / 51 / 32	89 / 47 / 29	82 / 43 / 27	75 / 40 / 25	70 / 37 / 23	64 / 34 / 22	60 / 32 / 20	56 / 30 / 19	52 / 28 / 17	46 / 25 / 15	40 / 22 / 14	36 / 19 / 12						
7 to 27	QMPV QBlock	104 / 65 / 42	104 / 59 / 38	104 / 54 / 35	99 / 50 / 32	91 / 46 / 29	84 / 42 / 27	77 / 39 / 25	72 / 36 / 23	67 / 34 / 22	62 / 32 / 20	58 / 29 / 19	54 / 25 / 15	48 / 23 / 15	40 / 21 / 13						
27 to 45	QMPV QBlock	106 / 94 / 94	102 / 85 / 85	95 / 78 / 78	87 / 71 / 71	80 / 65 / 65	73 / 60 / 60	68 / 56 / 56	63 / 52 / 52	59 / 48 / 48	55 / 45 / 45	51 / 42 / 42	45 / 37 / 37	40 / 33 / 33	36 / 29 / 29						
45 to 90	QMPV QBlock	94 / 74 / 74	86 / 68 / 68	79 / 62 / 62	73 / 57 / 57	67 / 53 / 53	62 / 49 / 49	58 / 45 / 45	54 / 42 / 42	50 / 40 / 40	47 / 37 / 37	44 / 35 / 35	39 / 31 / 31	35 / 27 / 27	31 / 24 / 24						
0 to 7	QMPV QBlock	93 / 53 / 33	91 / 48 / 30	83 / 44 / 27	76 / 40 / 25	70 / 37 / 23	64 / 34 / 21	59 / 32 / 20	55 / 29 / 18	51 / 27 / 17	48 / 25 / 16	44 / 24 / 15	39 / 21 / 13	35 / 19 / 12	31 / 17 / 10						
7 to 27	QMPV QBlock	106 / 56 / 36	102 / 51 / 32	92 / 46 / 30	84 / 42 / 27	77 / 39 / 25	71 / 36 / 23	66 / 33 / 21	61 / 31 / 20	57 / 29 / 18	53 / 27 / 17	49 / 25 / 16	43 / 22 / 14	38 / 20 / 13	34 / 18 / 11						
27 to 45	QMPV QBlock	97 / 80 / 80	88 / 73 / 73	81 / 66 / 66	74 / 61 / 61	68 / 56 / 56	63 / 52 / 52	58 / 48 / 48	54 / 44 / 44	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	38 / 32 / 32	34 / 28 / 28	30 / 25 / 25						
45 to 90	QMPV QBlock	81 / 64 / 64	74 / 58 / 58	68 / 53 / 53	63 / 49 / 49	58 / 45 / 45	54 / 42 / 42	50 / 39 / 39	47 / 36 / 36	43 / 34 / 34	41 / 32 / 32	38 / 30 / 30	34 / 26 / 26	30 / 23 / 23	27 / 21 / 21						
0 to 7	QMPV QBlock	84 / 84 / 52	84 / 77 / 48	84 / 70 / 43	84 / 64 / 40	84 / 59 / 37	84 / 54 / 34	84 / 50 / 31	84 / 46 / 29	82 / 43 / 27	76 / 40 / 25	71 / 38 / 24	62 / 33 / 21	55 / 29 / 18	49 / 26 / 16						
7 to 27	QMPV QBlock	97 / 89 / 56	97 / 81 / 51	97 / 74 / 47	97 / 68 / 43	97 / 62 / 39	97 / 57 / 36	97 / 53 / 34	97 / 49 / 31	91 / 46 / 29	85 / 43 / 27	79 / 40 / 25	69 / 35 / 22	61 / 31 / 20	54 / 28 / 18						
27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	112 / 106 / 106	108 / 97 / 97	104 / 89 / 89	100 / 82 / 82	92 / 76 / 76	85 / 70 / 70	79 / 65 / 65	74 / 61 / 61	69 / 57 / 57	61 / 50 / 50	54 / 44 / 44	48 / 40 / 40						
45 to 90	QMPV QBlock	117 / 98 / 98	114 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33						
0 to 7	QMPV QBlock	84 / 62 / 39	84 / 56 / 35	84 / 51 / 32	84 / 47 / 29	82 / 43 / 27	75 / 40 / 25	70 / 37 / 23	64 / 34 / 22	60 / 32 / 20	56 / 30 / 19	52 / 28 / 17	46 / 25 / 15	40 / 22 / 14	36 / 19 / 12						
7 to 27	QMPV QBlock	97 / 65 / 42	97 / 59 / 38	97 / 54 / 35	97 / 50 / 32	91 / 46 / 29	84 / 42 / 27	77 / 39 / 25	72 / 36 / 23	67 / 34 / 22	62 / 32 / 20	58 / 29 / 19	54 / 25 / 15	48 / 23 / 15	40 / 21 / 13						
27 to 45	QMPV QBlock	106 / 94 / 94	102 / 85 / 85	95 / 78 / 78	87 / 71 / 71	80 / 65 / 65	73 / 60 / 60	68 / 56 / 56	63 / 52 / 52	59 / 48 / 48	55 / 45 / 45	51 / 42 / 42	45 / 37 / 37	40 / 33 / 33	36 / 29 / 29						
45 to 90	QMPV QBlock	94 / 74 / 74	86 / 68 / 68	79 / 62 / 62	73 / 57 / 57	67 / 53 / 53	62 / 49 / 49	58 / 45 / 45	54 / 42 / 42	50 / 40 / 40	47 / 37 / 37	44 / 35 / 35	39 / 31 / 31	35 / 27 / 27	31 / 24 / 24						
0 to 7	QMPV QBlock	84 / 53 / 33	84 / 48 / 30	83 / 44 / 27	76 / 40 / 25	70 / 37 / 23	64 / 34 / 21	59 / 32 / 20	55 / 29 / 18	51 / 27 / 17	48 / 25 / 16	44 / 24 / 15	39 / 21 / 13	35 / 19 / 12	31 / 17 / 10						
7 to 27	QMPV QBlock	99 / 56 / 36	99 / 51 / 32	92 / 46 / 30	84 / 42 / 27	77 / 39 / 25	71 / 36 / 23	66 / 33 / 21	61 / 31 / 20	57 / 29 / 18	53 / 27 / 17	49 / 25 / 16	43 / 22 / 14	38 / 20 / 13	34 / 18 / 11						
27 to 45	QMPV QBlock	97 / 80 / 80	88 / 73 / 73	81 / 66 / 66</																	

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 30 to 60 foot Roof -- QMPV QBlock Mount QMSE, QMCS, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.36) -- 60-Cell																		
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->		110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph			
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3		
30 psf	B	0 to 7	QMPV QBlock	77 / 77 / 52	77 / 77 / 48	77 / 70 / 43	77 / 64 / 40	77 / 59 / 37	77 / 54 / 34	77 / 50 / 31	77 / 46 / 29	77 / 43 / 27	76 / 40 / 25	71 / 38 / 24	62 / 33 / 21	55 / 29 / 18	49 / 26 / 16	44 / 23 / 12			
		7 to 27	QMPV QBlock	82 / 82 / 56	82 / 81 / 51	82 / 74 / 47	82 / 68 / 43	82 / 62 / 39	82 / 57 / 36	82 / 53 / 34	82 / 49 / 31	82 / 46 / 29	82 / 43 / 27	79 / 40 / 25	69 / 35 / 22	61 / 31 / 20	54 / 28 / 18	48 / 24 / 14	43 / 22 / 14		
		27 to 45	QMPV QBlock	103 / 103 / 103	103 / 103 / 103	102 / 102 / 102	100 / 97 / 97	98 / 89 / 89	96 / 82 / 82	92 / 76 / 76	85 / 70 / 70	79 / 65 / 65	74 / 61 / 61	69 / 57 / 57	61 / 50 / 50	54 / 44 / 44	48 / 40 / 40	43 / 33 / 33	38 / 32 / 32		
		45 to 90	QMPV QBlock	117 / 98 / 98	114 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33	37 / 29 / 29	32 / 25 / 25	27 / 21 / 21	
	C	0 to 7	QMPV QBlock	77 / 62 / 39	77 / 56 / 35	77 / 51 / 32	77 / 47 / 29	77 / 43 / 27	75 / 40 / 25	70 / 37 / 23	64 / 34 / 21	64 / 34 / 22	60 / 32 / 20	56 / 30 / 19	52 / 28 / 17	46 / 25 / 15	40 / 22 / 14	36 / 19 / 12	31 / 24 / 24		
		7 to 27	QMPV QBlock	82 / 65 / 42	82 / 59 / 38	82 / 54 / 35	82 / 50 / 32	82 / 46 / 29	82 / 43 / 27	77 / 39 / 25	72 / 36 / 23	67 / 34 / 22	62 / 32 / 20	58 / 29 / 19	54 / 25 / 15	48 / 23 / 15	43 / 22 / 14	38 / 32 / 32	33 / 27 / 27		
		27 to 45	QMPV QBlock	99 / 94 / 94	96 / 85 / 85	94 / 78 / 78	87 / 71 / 71	80 / 65 / 65	73 / 60 / 60	68 / 56 / 56	63 / 52 / 52	59 / 48 / 48	55 / 45 / 45	51 / 42 / 42	45 / 37 / 37	40 / 33 / 33	36 / 29 / 29	31 / 24 / 24	26 / 21 / 21	21 / 17 / 17	
		45 to 90	QMPV QBlock	94 / 74 / 74	86 / 68 / 68	79 / 62 / 62	73 / 57 / 57	67 / 53 / 53	62 / 49 / 49	58 / 45 / 45	54 / 42 / 42	50 / 40 / 40	47 / 37 / 37	44 / 35 / 35	39 / 31 / 31	35 / 27 / 27	31 / 24 / 24	27 / 21 / 21	23 / 18 / 18	19 / 15 / 15	
	D	0 to 7	QMPV QBlock	78 / 53 / 33	78 / 48 / 30	78 / 44 / 27	76 / 40 / 25	70 / 37 / 23	64 / 34 / 21	59 / 32 / 20	55 / 29 / 18	51 / 27 / 17	48 / 25 / 16	44 / 24 / 15	39 / 21 / 13	35 / 19 / 12	31 / 17 / 10	27 / 21 / 21	23 / 18 / 18	19 / 15 / 15	
		7 to 27	QMPV QBlock	85 / 56 / 36	85 / 51 / 32	85 / 46 / 30	84 / 42 / 27	77 / 39 / 25	71 / 36 / 23	66 / 33 / 21	61 / 31 / 20	57 / 29 / 18	53 / 27 / 17	49 / 25 / 16	43 / 22 / 14	38 / 20 / 13	34 / 18 / 11	30 / 25 / 25	26 / 21 / 21	22 / 17 / 17	18 / 14 / 14
		27 to 45	QMPV QBlock	97 / 80 / 80	88 / 73 / 73	81 / 66 / 66	74 / 61 / 61	68 / 56 / 56	63 / 52 / 52	58 / 48 / 48	54 / 44 / 44	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	38 / 32 / 32	34 / 28 / 28	30 / 25 / 25	26 / 21 / 21	22 / 17 / 17	18 / 14 / 14	14 / 11 / 11
		45 to 90	QMPV QBlock	81 / 64 / 64	74 / 58 / 58	68 / 53 / 53	63 / 49 / 49	58 / 45 / 45	54 / 42 / 42	50 / 39 / 39	47 / 36 / 36	43 / 34 / 34	41 / 32 / 32	38 / 30 / 30	34 / 26 / 26	30 / 23 / 23	27 / 21 / 21	23 / 18 / 18	19 / 15 / 15	15 / 11 / 11	11 / 8 / 8
35 psf	B	0 to 7	QMPV QBlock	73 / 73 / 52	73 / 73 / 48	73 / 70 / 43	73 / 64 / 40	73 / 59 / 37	73 / 54 / 34	73 / 50 / 31	73 / 46 / 29	73 / 43 / 27	73 / 40 / 25	71 / 38 / 24	62 / 33 / 21	55 / 29 / 18	49 / 26 / 16	44 / 23 / 12	39 / 31 / 31		
		7 to 27	QMPV QBlock	79 / 79 / 56	79 / 79 / 51	79 / 74 / 47	79 / 68 / 43	79 / 62 / 39	79 / 57 / 36	79 / 53 / 34	79 / 49 / 31	79 / 46 / 29	79 / 43 / 27	78 / 40 / 25	69 / 35 / 22	61 / 31 / 20	54 / 28 / 18	48 / 40 / 40	43 / 33 / 33	38 / 32 / 32	
		27 to 45	QMPV QBlock	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	97 / 97 / 97	95 / 89 / 89	93 / 82 / 82	91 / 76 / 76	85 / 70 / 70	79 / 65 / 65	74 / 61 / 61	69 / 57 / 57	61 / 50 / 50	54 / 44 / 44	48 / 40 / 40	43 / 33 / 33	38 / 32 / 32	33 / 27 / 27	28 / 23 / 23
		45 to 90	QMPV QBlock	117 / 98 / 98	114 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33	37 / 29 / 29	32 / 25 / 25	27 / 21 / 21	23 / 18 / 18
	C	0 to 7	QMPV QBlock	73 / 62 / 39	73 / 56 / 35	73 / 51 / 32	73 / 47 / 29	73 / 43 / 27	73 / 40 / 25	70 / 37 / 23	64 / 34 / 22	60 / 32 / 20	56 / 30 / 19	52 / 28 / 17	46 / 25 / 15	40 / 22 / 14	36 / 19 / 12	31 / 24 / 24	26 / 21 / 21	21 / 17 / 17	
		7 to 27	QMPV QBlock	79 / 65 / 42	79 / 59 / 38	79 / 54 / 35	79 / 50 / 32	79 / 46 / 29	79 / 43 / 27	77 / 39 / 25	72 / 36 / 23	67 / 34 / 22	62 / 32 / 20	58 / 29 / 19	54 / 25 / 15	48 / 23 / 15	43 / 22 / 14	38 / 32 / 32	33 / 27 / 27	28 / 23 / 23	23 / 18 / 18
		27 to 45	QMPV QBlock	96 / 94 / 94	94 / 85 / 85	92 / 78 / 78	87 / 71 / 71	80 / 65 / 65	73 / 60 / 60	68 / 56 / 56	63 / 52 / 52	59 / 48 / 48	55 / 45 / 45	51 / 42 / 42	45 / 37 / 37	40 / 33 / 33	36 / 29 / 29	31 / 24 / 24	26 / 21 / 21	22 / 17 / 17	18 / 14 / 14
		45 to 90	QMPV QBlock	94 / 74 / 74	86 / 68 / 68	79 / 62 / 62	73 / 57 / 57	67 / 53 / 53	62 / 49 / 49	58 / 45 / 45	54 / 42 / 42	50 / 40 / 40	47 / 37 / 37	44 / 35 / 35	39 / 31 / 31	35 / 27 / 27	31 / 24 / 24	27 / 21 / 21	23 / 18 / 18	19 / 15 / 15	15 / 11 / 11
	D	0 to 7	QMPV QBlock	76 / 53 / 33	76 / 48 / 30	76 / 44 / 27	76 / 40 / 25	70 / 37 / 23	64 / 34 / 21	59 / 32 / 20	55 / 29 / 18	51 / 27 / 17	48 / 25 / 16	44 / 24 / 15	39 / 21 / 13	35 / 19 / 12	31 / 17 / 10	27 / 21 / 21	23 / 18 / 18	19 / 15 / 15	15 / 11 / 11
		7 to 27	QMPV QBlock	82 / 56 / 36	82 / 51 / 32	82 / 46 / 30	82 / 42 / 27	77 / 39 / 25	71 / 36 / 23	66 / 33 / 21	61 / 31 / 20	57 / 29 / 18	53 / 27 / 17	49 / 25 / 16	43 / 22 / 14	38 / 20 / 13	34 / 18 / 11	30 / 25 / 25	26 / 21 / 21	22 / 17 / 17	18 / 14 / 14
		27 to 45	QMPV QBlock	95 / 80 / 80	88 / 73 / 73	81 / 66 / 66	74 / 61 / 61	68 / 56 / 56	63 / 52 / 52	58 / 48 / 48	54 / 44 / 44	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	38 / 32 / 32	34 / 28 / 28	30 / 25 / 25	26 / 21 / 21	22 / 17 / 17	18 / 14 / 14	14 / 11 / 11
		45 to 90	QMPV QBlock	81 / 64 / 64	74 / 58 / 58	68 / 53 / 53	63 / 49 / 49	58 / 45 / 45	54 / 42 / 42	50 / 39 / 39	47 / 36 / 36	43 / 34 / 34	41 / 32 / 32	38 / 30 / 30	34 / 26 / 26	30 / 23 / 23	27 / 21 / 21	23 / 18 / 18	19 / 15 / 15	15 / 11 / 11	11 / 8 / 8
40 psf	B	0 to 7	QMPV QBlock	70 / 70 / 52	70 / 70 / 48	70 / 70 / 43	70 / 64 / 40	70 / 59 / 37	70 / 54 / 34	70 / 50 / 31	70 / 46 / 29	70 / 43 / 27	70 / 40 / 25	70 / 38 / 24	62 / 33 / 21	55 / 29 / 18	49 / 26 / 16	44 / 23 / 12	39 / 31 / 31		
		7 to 27	QMPV QBlock	76 / 76 / 56	76 / 76 / 51	76 / 74 / 47	76 / 68 / 43	76 / 62 / 39	76 / 57 / 36	76 / 53 / 34	76 / 49 / 31	76 / 46 / 29	76 / 43 / 27	75 / 40 / 25	69 / 35 / 22	61 / 31 / 20	54 / 28 / 18	48 / 40 / 40	43 / 33 / 33	38 / 32 / 32	
		27 to 45	QMPV QBlock	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 89 / 89	91 / 82 / 82	89 / 76 / 76	85 / 70 / 70	79 / 65 / 65	74 / 61 / 61	69 / 57 / 57	61 / 50 / 50	54 / 44 / 44	48 / 40 / 40	43 / 33 / 33	38 / 32 / 32	33 / 27 / 27	28 / 23 / 23
		45 to 90	QMPV QBlock	117 / 98 / 98	114 / 90 / 90	105 / 83 / 83	97 / 76 / 76	90 / 70 / 70	83 / 65 / 65	77 / 61 / 61	72 / 56 / 56	67 / 53 / 53	63 / 49 / 49	59 / 46 / 46	52 / 41 / 41	47 / 36 / 36	42 / 33 / 33	37 / 29 / 29	32 / 25 / 25	27 / 21 / 21	23 / 18 / 18
	C	0 to 7	QMPV QBlock	70 / 62 / 39	70 / 56 / 35	70 / 51 / 32	70 / 47 / 29	70 / 43 / 27	70 / 40 / 25	70 / 37 / 23	64 / 34 / 22	60 / 32 / 20	56 / 30 / 19	52 / 28 / 17	46 / 25 / 15	40 / 22 / 14	36 / 19 / 12	31 / 24 / 24	26 / 21 / 21	21 / 17 / 17	
		7 to 27	QMPV QBlock	76 / 65 / 42	76 / 59 / 38	76 / 54 / 35	76 / 50 / 32	76 / 46 / 29	76 / 43 / 27	75 / 39 / 25	72 / 36 / 23	67 / 34 / 22	62 / 32 / 20	58 / 29 / 19	54 / 25 / 15	48 / 23 / 15	43 / 22 / 14	38 / 32 / 32	33 / 27 / 27	28 / 23 / 23	23 / 18 / 18
		27 to 45	QMPV QBlock	93 / 93 / 93	92 / 85 / 85	90 / 78 / 78	87 / 71 / 71	80 / 65 / 65	73 / 60 / 60	68 / 56 / 56	63 / 52 / 52	59 / 48 / 48	55 / 45 / 45	51 / 42 / 42	45 / 37 / 37	40 / 33 / 33	36 / 29 / 29	31 / 24 / 24	26 / 21 / 21	22 / 17 / 17	18 / 14 / 14
		45 to 90	QMPV QBlock	94 / 74 / 74	86 / 68 / 68	79 / 62 / 62	73 / 57 / 57	67 / 53 / 53	62 / 49 / 49	58 / 45 / 45	54 / 42 / 42	50 / 40 / 40	47 / 37 / 37	44 / 35 / 35	39 / 31 / 31	35 / 27 / 27	31 / 24 / 24	27 / 21 / 21	23 / 18 / 18	19 / 15 / 15	15 / 11 / 11
	D	0 to 7	QMPV QBlock	73 / 53 / 33	73 / 48 / 30	73 / 44 / 27	73 / 40 / 25	70 / 37 / 23	64 / 34 / 21	59 / 32 / 20	55 / 29 / 18	51 / 27 / 17	48 / 25 / 16	44 / 24 / 15	39 / 21 / 13	35 / 19 / 12	31 / 17 / 10	27 / 21 / 21	23 / 18 / 18	19 / 15 / 15	15 / 11 / 11
		7 to 27	QMPV QBlock	78 / 56 / 36	78 / 51 / 32	78 / 46 / 30	78 / 42 / 27	77 / 39 / 25	71 / 36 / 23	66 / 33 / 21	61 / 31 / 20	57 / 29 / 18	53 / 27 / 17	49 / 25 / 16	43 / 22 / 14	38 / 20 / 13	34 / 18 / 11	30 / 25 / 25	26 / 21 / 21	22 / 17 / 17	18 / 14 / 14
		27 to 45	QMPV QBlock	93 / 80 / 80	88 / 73 / 73	81 / 66 / 66	74 / 61 / 61	68 / 56 / 56	63 / 52 / 52	58 / 48 / 48	54 / 44 / 44	50 / 41 / 41	47 / 39 / 39	44 / 36 / 36	38 / 32 / 32	34 / 28 / 28	30 / 25 / 25	26 / 21 / 21	22 / 17 / 17	18 / 14 / 14	14 / 11 / 11
		45 to 90	QMPV QBlock	81 / 64 / 64	74 / 58 / 58	68 / 53 / 53	63 / 49 / 49	58 / 45 / 45	54 / 42 / 42	50 / 39 / 39	47 / 36 / 36	43 / 34 / 34	41 / 32 / 32	38 / 30 / 30	34 / 26 / 26	30 / 23 / 23	27 / 21 / 21	23 / 18 / 18	19 / 15 / 15	15 / 11 / 11	11 / 8 / 8
45 psf	B	0 to 7	QMPV QBlock	67 / 67 / 52	67 / 67 / 48	67 / 67 / 43	67 / 64 / 40	67 / 59 / 37	67 / 54 / 34	67 / 50 / 31	67 / 46 / 29	67 / 43 / 27	67 / 40 / 25	67 / 38 / 24	62 / 33 / 21	55 / 29 / 18	49 / 26 / 16	44 / 23 / 12	39 / 31 / 31		
		7 to 27	QMPV QBlock	73 / 73 / 56	73 / 73 / 51	73 / 73 / 47	73 / 68 / 43	73 / 62 / 39	73 / 57 / 36	73 / 53 / 34	73 / 49 / 31										

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 30 to 60 foot Roof -- QMPV QBlock Mount QMSE, QMCS, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.36) -- 72-Cell																		
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->		110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph			
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3		
0 psf	B	0 to 7	QMPV QBlock	101 / 70 / 43	101 / 63 / 39	101 / 58 / 36	101 / 53 / 33	93 / 48 / 30	85 / 45 / 28	79 / 41 / 26	73 / 38 / 24	67 / 35 / 22	63 / 33 / 21	58 / 31 / 19	51 / 27 / 17	45 / 24 / 15	40 / 21 / 13	36 / 18 / 12			
		7 to 27	QMPV QBlock	103 / 74 / 46	103 / 67 / 42	103 / 61 / 38	103 / 56 / 35	103 / 51 / 32	95 / 47 / 30	87 / 43 / 28	81 / 40 / 26	75 / 37 / 24	70 / 35 / 22	65 / 33 / 21	57 / 29 / 18	50 / 25 / 16	45 / 23 / 15	40 / 21 / 13	36 / 18 / 12		
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 96 / 96	103 / 87 / 87	97 / 80 / 80	89 / 73 / 73	82 / 67 / 67	76 / 62 / 62	70 / 58 / 58	65 / 54 / 54	61 / 50 / 50	57 / 47 / 47	50 / 41 / 41	44 / 36 / 36	39 / 33 / 33	34 / 27 / 27	29 / 24 / 24	26 / 20 / 20	
		45 to 90	QMPV QBlock	103 / 81 / 81	94 / 74 / 74	87 / 68 / 68	80 / 63 / 63	74 / 58 / 58	68 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	52 / 41 / 41	49 / 38 / 38	43 / 34 / 34	38 / 30 / 30	34 / 27 / 27	29 / 24 / 24	26 / 20 / 20	22 / 17 / 17	
	C	0 to 7	QMPV QBlock	98 / 51 / 32	89 / 46 / 29	81 / 42 / 26	74 / 39 / 24	67 / 36 / 22	62 / 33 / 21	57 / 30 / 19	53 / 28 / 18	49 / 26 / 16	45 / 24 / 15	42 / 22 / 14	39 / 30 / 30	36 / 28 / 28	32 / 25 / 25	29 / 22 / 22	26 / 20 / 20	22 / 17 / 17	
		7 to 27	QMPV QBlock	103 / 54 / 34	99 / 49 / 31	90 / 45 / 28	82 / 41 / 26	75 / 38 / 24	69 / 35 / 22	64 / 32 / 20	59 / 30 / 19	55 / 28 / 18	51 / 26 / 17	48 / 24 / 15	42 / 21 / 14	37 / 19 / 12	33 / 18 / 11	30 / 16 / 10	27 / 22 / 17	24 / 19 / 14	
		27 to 45	QMPV QBlock	94 / 77 / 77	85 / 70 / 70	78 / 64 / 64	71 / 58 / 58	65 / 54 / 54	60 / 50 / 50	56 / 46 / 46	52 / 43 / 43	48 / 40 / 40	45 / 37 / 37	42 / 35 / 35	37 / 30 / 30	33 / 27 / 27	29 / 24 / 24	26 / 20 / 20	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9
		45 to 90	QMPV QBlock	77 / 61 / 61	71 / 56 / 56	65 / 51 / 51	60 / 47 / 47	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	44 / 35 / 35	41 / 32 / 32	39 / 30 / 30	36 / 28 / 28	32 / 25 / 25	29 / 22 / 22	26 / 20 / 20	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9	16 / 12 / 7
	D	0 to 7	QMPV QBlock	83 / 43 / 27	75 / 39 / 25	68 / 36 / 23	62 / 33 / 21	57 / 30 / 19	53 / 28 / 18	49 / 26 / 16	45 / 24 / 15	42 / 22 / 14	39 / 21 / 13	36 / 20 / 12	32 / 17 / 11	28 / 15 / 10	25 / 14 / 8	22 / 17 / 11	20 / 15 / 10	18 / 14 / 9	16 / 12 / 7
		7 to 27	QMPV QBlock	92 / 46 / 29	84 / 42 / 27	76 / 38 / 24	69 / 35 / 22	64 / 32 / 20	59 / 30 / 19	54 / 27 / 18	50 / 25 / 16	47 / 24 / 15	43 / 22 / 14	41 / 21 / 13	36 / 18 / 12	32 / 16 / 10	28 / 14 / 9	25 / 21 / 21	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9
		27 to 45	QMPV QBlock	80 / 66 / 66	73 / 60 / 60	66 / 54 / 54	61 / 50 / 50	56 / 46 / 46	51 / 42 / 42	48 / 39 / 39	44 / 36 / 36	41 / 34 / 34	38 / 32 / 32	36 / 30 / 30	32 / 26 / 26	28 / 23 / 23	25 / 21 / 21	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9	16 / 12 / 7
		45 to 90	QMPV QBlock	67 / 52 / 52	61 / 48 / 48	56 / 44 / 44	52 / 40 / 40	48 / 37 / 37	44 / 35 / 35	41 / 32 / 32	38 / 30 / 30	36 / 28 / 28	33 / 26 / 26	31 / 24 / 24	28 / 22 / 22	25 / 19 / 19	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9	16 / 12 / 7	14 / 9 / 4
5 psf	B	0 to 7	QMPV QBlock	96 / 70 / 43	96 / 63 / 39	96 / 58 / 36	96 / 53 / 33	93 / 48 / 30	85 / 45 / 28	79 / 41 / 26	73 / 38 / 24	67 / 35 / 22	63 / 33 / 21	58 / 31 / 19	51 / 27 / 17	45 / 24 / 15	40 / 21 / 13	36 / 18 / 12	32 / 17 / 11		
		7 to 27	QMPV QBlock	103 / 74 / 46	103 / 67 / 42	103 / 61 / 38	103 / 56 / 35	103 / 51 / 32	95 / 47 / 30	87 / 43 / 28	81 / 40 / 26	75 / 37 / 24	70 / 35 / 22	65 / 33 / 21	57 / 29 / 18	50 / 25 / 16	45 / 23 / 15	40 / 21 / 13	36 / 18 / 12	32 / 17 / 11	
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 96 / 96	103 / 87 / 87	97 / 80 / 80	89 / 73 / 73	82 / 67 / 67	76 / 62 / 62	70 / 58 / 58	65 / 54 / 54	61 / 50 / 50	57 / 47 / 47	50 / 41 / 41	44 / 36 / 36	39 / 33 / 33	34 / 27 / 27	29 / 24 / 24	26 / 20 / 20	22 / 17 / 17
		45 to 90	QMPV QBlock	103 / 81 / 81	94 / 74 / 74	87 / 68 / 68	80 / 63 / 63	74 / 58 / 58	68 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	52 / 41 / 41	49 / 38 / 38	43 / 34 / 34	38 / 30 / 30	34 / 27 / 27	29 / 24 / 24	26 / 20 / 20	22 / 17 / 17	20 / 15 / 10
	C	0 to 7	QMPV QBlock	96 / 51 / 32	89 / 46 / 29	81 / 42 / 26	74 / 39 / 24	67 / 36 / 22	62 / 33 / 21	57 / 30 / 19	53 / 28 / 18	49 / 26 / 16	45 / 24 / 15	42 / 22 / 14	39 / 30 / 30	36 / 28 / 28	32 / 25 / 25	29 / 22 / 22	26 / 20 / 20	22 / 17 / 17	
		7 to 27	QMPV QBlock	103 / 54 / 34	99 / 49 / 31	90 / 45 / 28	82 / 41 / 26	75 / 38 / 24	69 / 35 / 22	64 / 32 / 20	59 / 30 / 19	55 / 28 / 18	51 / 26 / 17	48 / 24 / 15	42 / 21 / 14	37 / 19 / 12	33 / 18 / 11	30 / 16 / 10	27 / 22 / 17	24 / 19 / 14	
		27 to 45	QMPV QBlock	94 / 77 / 77	85 / 70 / 70	78 / 64 / 64	71 / 58 / 58	65 / 54 / 54	60 / 50 / 50	56 / 46 / 46	52 / 43 / 43	48 / 40 / 40	45 / 37 / 37	42 / 35 / 35	37 / 30 / 30	33 / 27 / 27	29 / 24 / 24	26 / 20 / 20	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9
		45 to 90	QMPV QBlock	77 / 61 / 61	71 / 56 / 56	65 / 51 / 51	60 / 47 / 47	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	44 / 35 / 35	41 / 32 / 32	39 / 30 / 30	36 / 28 / 28	32 / 25 / 25	29 / 22 / 22	26 / 20 / 20	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9	16 / 12 / 7
	D	0 to 7	QMPV QBlock	83 / 43 / 27	75 / 39 / 25	68 / 36 / 23	62 / 33 / 21	57 / 30 / 19	53 / 28 / 18	49 / 26 / 16	45 / 24 / 15	42 / 22 / 14	39 / 21 / 13	36 / 20 / 12	32 / 17 / 11	28 / 15 / 10	25 / 14 / 8	22 / 17 / 11	20 / 15 / 10	18 / 14 / 9	16 / 12 / 7
		7 to 27	QMPV QBlock	92 / 46 / 29	84 / 42 / 27	76 / 38 / 24	69 / 35 / 22	64 / 32 / 20	59 / 30 / 19	54 / 27 / 18	50 / 25 / 16	47 / 24 / 15	43 / 22 / 14	41 / 21 / 13	36 / 18 / 12	32 / 16 / 10	28 / 14 / 9	25 / 21 / 21	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9
		27 to 45	QMPV QBlock	80 / 66 / 66	73 / 60 / 60	66 / 54 / 54	61 / 50 / 50	56 / 46 / 46	51 / 42 / 42	48 / 39 / 39	44 / 36 / 36	41 / 34 / 34	38 / 32 / 32	36 / 30 / 30	32 / 26 / 26	28 / 23 / 23	25 / 21 / 21	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9	16 / 12 / 7
		45 to 90	QMPV QBlock	67 / 52 / 52	61 / 48 / 48	56 / 44 / 44	52 / 40 / 40	48 / 37 / 37	44 / 35 / 35	41 / 32 / 32	38 / 30 / 30	36 / 28 / 28	33 / 26 / 26	31 / 24 / 24	28 / 22 / 22	25 / 19 / 19	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9	16 / 12 / 7	14 / 9 / 4
10 psf	B	0 to 7	QMPV QBlock	85 / 70 / 43	85 / 63 / 39	85 / 58 / 36	85 / 53 / 33	85 / 48 / 30	85 / 45 / 28	79 / 41 / 26	73 / 38 / 24	67 / 35 / 22	63 / 33 / 21	58 / 31 / 19	51 / 27 / 17	45 / 24 / 15	40 / 21 / 13	36 / 18 / 12	32 / 17 / 11		
		7 to 27	QMPV QBlock	96 / 74 / 46	96 / 67 / 42	96 / 61 / 38	96 / 56 / 35	96 / 51 / 32	95 / 47 / 30	87 / 43 / 28	81 / 40 / 26	75 / 37 / 24	70 / 35 / 22	65 / 33 / 21	57 / 29 / 18	50 / 25 / 16	45 / 23 / 15	40 / 21 / 13	36 / 18 / 12	32 / 17 / 11	
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 96 / 96	103 / 87 / 87	97 / 80 / 80	89 / 73 / 73	82 / 67 / 67	76 / 62 / 62	70 / 58 / 58	65 / 54 / 54	61 / 50 / 50	57 / 47 / 47	50 / 41 / 41	44 / 36 / 36	39 / 33 / 33	34 / 27 / 27	29 / 24 / 24	26 / 20 / 20	22 / 17 / 17
		45 to 90	QMPV QBlock	103 / 81 / 81	94 / 74 / 74	87 / 68 / 68	80 / 63 / 63	74 / 58 / 58	68 / 54 / 54	64 / 50 / 50	59 / 46 / 46	55 / 43 / 43	52 / 41 / 41	49 / 38 / 38	43 / 34 / 34	38 / 30 / 30	34 / 27 / 27	29 / 24 / 24	26 / 20 / 20	22 / 17 / 17	20 / 15 / 10
	C	0 to 7	QMPV QBlock	85 / 51 / 32	85 / 46 / 29	81 / 42 / 26	74 / 39 / 24	67 / 36 / 22	62 / 33 / 21	57 / 30 / 19	53 / 28 / 18	49 / 26 / 16	45 / 24 / 15	42 / 22 / 14	39 / 30 / 30	36 / 28 / 28	32 / 25 / 25	29 / 22 / 22	26 / 20 / 20	22 / 17 / 17	
		7 to 27	QMPV QBlock	96 / 54 / 34	96 / 49 / 31	90 / 45 / 28	82 / 41 / 26	75 / 38 / 24	69 / 35 / 22	64 / 32 / 20	59 / 30 / 19	55 / 28 / 18	51 / 26 / 17	48 / 24 / 15	42 / 21 / 14	37 / 19 / 12	33 / 18 / 11	30 / 16 / 10	27 / 22 / 17	24 / 19 / 14	
		27 to 45	QMPV QBlock	94 / 77 / 77	85 / 70 / 70	78 / 64 / 64	71 / 58 / 58	65 / 54 / 54	60 / 50 / 50	56 / 46 / 46	52 / 43 / 43	48 / 40 / 40	45 / 37 / 37	42 / 35 / 35	37 / 30 / 30	33 / 27 / 27	29 / 24 / 24	26 / 20 / 20	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9
		45 to 90	QMPV QBlock	77 / 61 / 61	71 / 56 / 56	65 / 51 / 51	60 / 47 / 47	55 / 43 / 43	51 / 40 / 40	48 / 37 / 37	44 / 35 / 35	41 / 32 / 32	39 / 30 / 30	36 / 28 / 28	32 / 25 / 25	29 / 22 / 22	26 / 20 / 20	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9	16 / 12 / 7
	D	0 to 7	QMPV QBlock	83 / 43 / 27	75 / 39 / 25	68 / 36 / 23	62 / 33 / 21	57 / 30 / 19	53 / 28 / 18	49 / 26 / 16	45 / 24 / 15	42 / 22 / 14	39 / 21 / 13	36 / 20 / 12	32 / 17 / 11	28 / 15 / 10	25 / 14 / 8	22 / 17 / 11	20 / 15 / 10	18 / 14 / 9	16 / 12 / 7
		7 to 27	QMPV QBlock	92 / 46 / 29	84 / 42 / 27	76 / 38 / 24	69 / 35 / 22	64 / 32 / 20	59 / 30 / 19	54 / 27 / 18	50 / 25 / 16	47 / 24 / 15	43 / 22 / 14	41 / 21 / 13	36 / 18 / 12	32 / 16 / 10	28 / 14 / 9	25 / 21 / 21	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9
		27 to 45	QMPV QBlock	80 / 66 / 66	73 / 60 / 60	66 / 54 / 54	61 / 50 / 50	56 / 46 / 46	51 / 42 / 42	48 / 39 / 39	44 / 36 / 36	41 / 34 / 34	38 / 32 / 32	36 / 30 / 30	32 / 26 / 26	28 / 23 / 23	25 / 21 / 21	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9	16 / 12 / 7
		45 to 90	QMPV QBlock	67 / 52 / 52	61 / 48 / 48	56 / 44 / 44	52 / 40 / 40	48 / 37 / 37	44 / 35 / 35	41 / 32 / 32	38 / 30 / 30	36 / 28 / 28	33 / 26 / 26	31 / 24 / 24	28 / 22 / 22	25 / 19 / 19	22 / 17 / 17	20 / 15 / 10	18 / 14 / 9	16 / 12 / 7	14 / 9 / 4
15 psf	B	0 to 7	QMPV QBlock	78 / 70 / 43	78 / 63 / 39	78 / 58 / 36	78 / 53 / 33	78 / 48 / 30	78 / 45 / 28	78 / 41 / 26	73 / 38 / 24	67 / 35 / 22	63 / 33 / 21	58 / 31 / 19	51 / 27 / 17	45 / 24 / 15	40 / 21 / 13	36 / 18 / 12	32 / 17 / 11		
		7 to 27	QMPV QBlock	89 / 74 / 46	89 / 67 / 42	89 / 61 / 38	89 / 56 / 35	89 / 51 / 32	89 / 47 / 30	87 /											

Maximum Rail Spans			SnapRack UR-60 Rail Flush-Mount on 30 to 60 foot Roof -- QMPV QBlock Mount QMSE, QMSC, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.36) -- Landscape																
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph		
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	
0 psf	B	0 to 7	QMPV QBlock	134 / 125 / 84	134 / 121 / 77	134 / 113 / 70	134 / 103 / 64	134 / 95 / 59	134 / 87 / 55	130 / 81 / 51	127 / 75 / 47	123 / 70 / 47	120 / 65 / 41	114 / 61 / 38	100 / 54 / 34	89 / 47 / 30	79 / 42 / 27		
		7 to 27	QMPV QBlock	135 / 127 / 91	135 / 123 / 82	135 / 119 / 75	135 / 109 / 69	135 / 100 / 64	135 / 92 / 59	135 / 85 / 54	131 / 79 / 51	128 / 74 / 47	125 / 69 / 44	122 / 64 / 41	111 / 57 / 36	98 / 50 / 32	88 / 45 / 29		
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	135 / 134 / 134	132 / 130 / 130	129 / 127 / 127	126 / 123 / 123	124 / 120 / 120	121 / 113 / 113	118 / 105 / 105	114 / 98 / 98	111 / 92 / 92	98 / 81 / 81	87 / 72 / 72	77 / 64 / 64		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 113 / 113	124 / 105 / 105	121 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 80 / 80	95 / 75 / 75	84 / 66 / 66	75 / 59 / 59	67 / 53 / 53		
	C	0 to 7	QMPV QBlock	134 / 100 / 62	134 / 91 / 57	131 / 83 / 52	127 / 76 / 48	123 / 70 / 44	120 / 64 / 41	112 / 60 / 38	104 / 55 / 35	97 / 52 / 33	90 / 48 / 30	84 / 45 / 28	74 / 40 / 25	65 / 35 / 22	58 / 31 / 20		
		7 to 27	QMPV QBlock	135 / 105 / 67	135 / 96 / 61	135 / 87 / 56	131 / 80 / 51	127 / 74 / 47	124 / 68 / 44	121 / 63 / 40	115 / 59 / 38	107 / 55 / 35	100 / 51 / 33	93 / 48 / 31	82 / 42 / 27	73 / 37 / 24	65 / 33 / 21		
		27 to 45	QMPV QBlock	131 / 129 / 129	127 / 115 / 125	124 / 121 / 121	121 / 115 / 115	117 / 105 / 105	113 / 97 / 97	109 / 90 / 90	101 / 84 / 84	94 / 78 / 78	88 / 73 / 73	82 / 68 / 68	73 / 60 / 60	64 / 53 / 53	57 / 48 / 48		
		45 to 90	QMPV QBlock	128 / 119 / 119	125 / 109 / 109	122 / 100 / 100	117 / 92 / 92	109 / 85 / 85	101 / 79 / 79	93 / 73 / 73	87 / 68 / 68	81 / 64 / 64	76 / 60 / 60	71 / 56 / 56	63 / 50 / 50	56 / 44 / 44	51 / 40 / 40		
	D	0 to 7	QMPV QBlock	132 / 85 / 53	128 / 77 / 49	124 / 71 / 44	120 / 65 / 41	112 / 60 / 38	103 / 55 / 35	96 / 51 / 32	89 / 47 / 30	82 / 44 / 28	77 / 41 / 26	72 / 39 / 24	63 / 34 / 21	56 / 30 / 19	50 / 27 / 17		
		7 to 27	QMPV QBlock	135 / 90 / 57	133 / 82 / 52	128 / 75 / 48	125 / 69 / 44	121 / 63 / 40	115 / 58 / 37	106 / 54 / 35	98 / 50 / 32	92 / 47 / 30	85 / 44 / 28	80 / 41 / 26	70 / 36 / 23	62 / 32 / 21	55 / 29 / 18		
		27 to 45	QMPV QBlock	126 / 122 / 122	122 / 117 / 117	118 / 107 / 107	114 / 98 / 98	109 / 90 / 90	101 / 83 / 83	93 / 77 / 77	87 / 72 / 72	81 / 67 / 67	75 / 62 / 62	71 / 58 / 58	62 / 51 / 51	55 / 46 / 46	49 / 41 / 41		
		45 to 90	QMPV QBlock	123 / 103 / 103	119 / 94 / 94	110 / 86 / 86	101 / 79 / 79	94 / 73 / 73	87 / 68 / 68	81 / 63 / 63	75 / 59 / 59	70 / 55 / 55	66 / 51 / 51	62 / 48 / 48	54 / 43 / 43	49 / 38 / 38	44 / 34 / 34		
5 psf	B	0 to 7	QMPV QBlock	130 / 125 / 84	130 / 121 / 77	130 / 113 / 70	130 / 103 / 64	130 / 95 / 59	130 / 87 / 55	130 / 81 / 51	127 / 75 / 47	123 / 70 / 44	120 / 65 / 41	114 / 61 / 38	100 / 54 / 34	89 / 47 / 30	79 / 42 / 27		
		7 to 27	QMPV QBlock	135 / 127 / 91	135 / 123 / 82	135 / 119 / 75	135 / 109 / 69	135 / 100 / 64	135 / 92 / 59	135 / 85 / 54	131 / 79 / 51	128 / 74 / 47	125 / 69 / 44	122 / 64 / 41	111 / 57 / 36	98 / 50 / 32	88 / 45 / 29		
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	135 / 134 / 134	132 / 130 / 130	129 / 127 / 127	126 / 123 / 123	124 / 120 / 120	121 / 113 / 113	118 / 105 / 105	114 / 98 / 98	111 / 92 / 92	98 / 81 / 81	87 / 72 / 72	77 / 64 / 64		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 113 / 113	124 / 105 / 105	121 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 80 / 80	95 / 75 / 75	84 / 66 / 66	75 / 59 / 59	67 / 53 / 53		
	C	0 to 7	QMPV QBlock	130 / 100 / 62	130 / 91 / 57	130 / 83 / 52	127 / 76 / 48	123 / 70 / 44	120 / 64 / 41	112 / 60 / 38	104 / 55 / 35	97 / 52 / 33	90 / 48 / 30	84 / 45 / 28	74 / 40 / 25	65 / 35 / 22	58 / 31 / 20		
		7 to 27	QMPV QBlock	135 / 105 / 67	135 / 96 / 61	135 / 87 / 56	131 / 80 / 51	127 / 74 / 47	124 / 68 / 44	121 / 63 / 40	115 / 59 / 38	107 / 55 / 35	100 / 51 / 33	93 / 48 / 31	82 / 42 / 27	73 / 37 / 24	65 / 33 / 21		
		27 to 45	QMPV QBlock	131 / 129 / 129	127 / 115 / 125	124 / 121 / 121	121 / 115 / 115	117 / 105 / 105	113 / 97 / 97	109 / 90 / 90	101 / 84 / 84	94 / 78 / 78	88 / 73 / 73	82 / 68 / 68	73 / 60 / 60	64 / 53 / 53	57 / 48 / 48		
		45 to 90	QMPV QBlock	128 / 119 / 119	125 / 109 / 109	122 / 100 / 100	117 / 92 / 92	109 / 85 / 85	101 / 79 / 79	93 / 73 / 73	87 / 68 / 68	81 / 64 / 64	76 / 60 / 60	71 / 56 / 56	63 / 50 / 50	56 / 44 / 44	51 / 40 / 40		
	D	0 to 7	QMPV QBlock	130 / 85 / 53	128 / 77 / 49	124 / 71 / 44	120 / 65 / 41	112 / 60 / 38	103 / 55 / 35	96 / 51 / 32	89 / 47 / 30	82 / 44 / 28	77 / 41 / 26	72 / 39 / 24	63 / 34 / 21	56 / 30 / 19	50 / 27 / 17		
		7 to 27	QMPV QBlock	135 / 90 / 57	133 / 82 / 52	128 / 75 / 48	125 / 69 / 44	121 / 63 / 40	115 / 58 / 37	106 / 54 / 35	98 / 50 / 32	92 / 47 / 30	85 / 44 / 28	80 / 41 / 26	70 / 36 / 23	62 / 32 / 21	55 / 29 / 18		
		27 to 45	QMPV QBlock	126 / 122 / 122	122 / 117 / 117	118 / 107 / 107	114 / 98 / 98	109 / 90 / 90	101 / 83 / 83	93 / 77 / 77	87 / 72 / 72	81 / 67 / 67	75 / 62 / 62	71 / 58 / 58	62 / 51 / 51	55 / 46 / 46	49 / 41 / 41		
		45 to 90	QMPV QBlock	123 / 103 / 103	119 / 94 / 94	110 / 86 / 86	101 / 79 / 79	94 / 73 / 73	87 / 68 / 68	81 / 63 / 63	75 / 59 / 59	70 / 55 / 55	66 / 51 / 51	62 / 48 / 48	54 / 43 / 43	49 / 38 / 38	44 / 34 / 34		
10 psf	B	0 to 7	QMPV QBlock	119 / 119 / 84	119 / 119 / 77	119 / 113 / 70	119 / 103 / 64	119 / 95 / 59	119 / 87 / 55	119 / 81 / 51	119 / 75 / 47	119 / 70 / 44	119 / 65 / 41	114 / 61 / 38	100 / 54 / 34	89 / 47 / 30	79 / 42 / 27		
		7 to 27	QMPV QBlock	129 / 127 / 91	129 / 123 / 82	129 / 119 / 75	129 / 109 / 69	129 / 100 / 64	129 / 92 / 59	129 / 85 / 54	129 / 79 / 51	128 / 74 / 47	125 / 69 / 44	122 / 64 / 41	111 / 57 / 36	98 / 50 / 32	88 / 45 / 29		
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	135 / 134 / 134	132 / 130 / 130	129 / 127 / 127	126 / 123 / 123	124 / 120 / 120	121 / 113 / 113	118 / 105 / 105	114 / 98 / 98	111 / 92 / 92	98 / 81 / 81	87 / 72 / 72	77 / 64 / 64		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 113 / 113	124 / 105 / 105	121 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 80 / 80	95 / 75 / 75	84 / 66 / 66	75 / 59 / 59	67 / 53 / 53		
	C	0 to 7	QMPV QBlock	119 / 100 / 62	119 / 91 / 57	119 / 83 / 52	119 / 76 / 48	119 / 70 / 44	119 / 64 / 41	112 / 60 / 38	104 / 55 / 35	97 / 52 / 33	90 / 48 / 30	84 / 45 / 28	74 / 40 / 25	65 / 35 / 22	58 / 31 / 20		
		7 to 27	QMPV QBlock	129 / 105 / 67	129 / 96 / 61	129 / 87 / 56	129 / 80 / 51	127 / 74 / 47	124 / 68 / 44	121 / 63 / 40	115 / 59 / 38	107 / 55 / 35	100 / 51 / 33	93 / 48 / 31	82 / 42 / 27	73 / 37 / 24	65 / 33 / 21		
		27 to 45	QMPV QBlock	131 / 129 / 129	127 / 115 / 125	124 / 121 / 121	121 / 115 / 115	117 / 105 / 105	113 / 97 / 97	109 / 90 / 90	101 / 84 / 84	94 / 78 / 78	88 / 73 / 73	82 / 68 / 68	73 / 60 / 60	64 / 53 / 53	57 / 48 / 48		
		45 to 90	QMPV QBlock	128 / 119 / 119	125 / 109 / 109	122 / 100 / 100	117 / 92 / 92	109 / 85 / 85	101 / 79 / 79	93 / 73 / 73	87 / 68 / 68	81 / 64 / 64	76 / 60 / 60	71 / 56 / 56	63 / 50 / 50	56 / 44 / 44	51 / 40 / 40		
	D	0 to 7	QMPV QBlock	119 / 85 / 53	119 / 77 / 49	119 / 71 / 44	119 / 65 / 41	112 / 60 / 38	103 / 55 / 35	96 / 51 / 32	89 / 47 / 30	82 / 44 / 28	77 / 41 / 26	72 / 39 / 24	63 / 34 / 21	56 / 30 / 19	50 / 27 / 17		
		7 to 27	QMPV QBlock	131 / 90 / 57	131 / 82 / 52	128 / 75 / 48	125 / 69 / 44	121 / 63 / 40	115 / 58 / 37	106 / 54 / 35	98 / 50 / 32	92 / 47 / 30	85 / 44 / 28	80 / 41 / 26	70 / 36 / 23	62 / 32 / 21	55 / 29 / 18		
		27 to 45	QMPV QBlock	126 / 122 / 122	122 / 117 / 117	118 / 107 / 107	114 / 98 / 98	109 / 90 / 90	101 / 83 / 83	93 / 77 / 77	87 / 72 / 72	81 / 67 / 67	75 / 62 / 62	71 / 58 / 58	62 / 51 / 51	55 / 46 / 46	49 / 41 / 41		
		45 to 90	QMPV QBlock	123 / 103 / 103	119 / 94 / 94	110 / 86 / 86	101 / 79 / 79	94 / 73 / 73	87 / 68 / 68	81 / 63 / 63	75 / 59 / 59	70 / 55 / 55	66 / 51 / 51	62 / 48 / 48	54 / 43 / 43	49 / 38 / 38	44 / 34 / 34		
15 psf	B	0 to 7	QMPV QBlock	108 / 108 / 84	108 / 108 / 77	108 / 108 / 70	108 / 103 / 64	108 / 95 / 59	108 / 87 / 55	108 / 81 / 51	108 / 75 / 47	108 / 70 / 44	108 / 65 / 41	108 / 61 / 38	100 / 54 / 34	89 / 47 / 30	79 / 42 / 27		
		7 to 27	QMPV QBlock	123 / 123 / 91	123 / 123 / 82	123 / 119 / 75	123 / 109 / 69	123 / 100 / 64	123 / 92 / 59	123 / 85 / 54	123 / 79 / 51	123 / 74 / 47	123 / 69 / 44	122 / 64 / 41	111 / 57 / 36	98 / 50 / 32	88 / 45 / 29		
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	135 / 134 / 134	132 / 130 / 130	129 / 127 / 127	126 / 123 / 123	124 / 120 / 120	121 / 113 / 113	118 / 105 / 105	114 / 98 / 98	111 / 92 / 92	98 / 81 / 81	87 / 72 / 72	77 / 64 / 64		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 113 / 113	124 / 105 / 105	121 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 80 / 80	95 / 75 / 75	84 / 66 / 66	75 / 59 / 59	67 / 53 / 53		
	C	0 to 7	QMPV QBlock	108 / 100 / 62	108 / 91 / 57	108 / 83 / 52	108 / 76 / 48	108 / 70 / 44	108 / 64 / 41	108 / 60 / 38	104 / 55 / 35	97 / 52 / 33	90 / 48 / 30	84 / 45 / 28	74 / 40 / 25	65 / 35 / 22	58 / 31 / 20		
		7 to 27	QMPV QBlock	123 / 105 / 67	123 / 96 / 61	123 / 87 / 56	123 / 80 / 51	123 / 74 / 47	123 / 68 / 44	121 / 63 / 40	115 / 59 / 38	107 / 55 / 35	100 / 51 / 33	93 / 48 / 31	82 / 42 / 27	73 / 37 / 24	65 / 33 / 21		
		27 to 45	QMPV QBlock	131 / 129 / 129	127 / 125 / 125	124 / 121 / 121	121 / 115 / 115	117 / 105 / 105	113 / 97 / 97	109 / 90 / 90	101 / 84 / 84	94 / 78 / 78	88 / 73 / 73	82 / 68 / 68	73 / 60 / 60	64 / 53 / 53	57 / 48 / 48		
		45 to 90</																	

Maximum Rail Spans			SnapRack UR-60 Rail Flush-Mount on 30 to 60 foot Roof -- QMPV QBlock Mount QMSE, QMSC, & QMLC Mount (Specific Gravity of Lumber Rafter = 0.36) -- Landscape																	
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed -> Roof Zone ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph			
				1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	
30 psf	B	0 to 7	QMPV QBlock	98 / 98 / 84	98 / 98 / 77	98 / 98 / 70	98 / 98 / 64	98 / 95 / 59	98 / 87 / 55	98 / 81 / 51	98 / 75 / 47	98 / 70 / 44	98 / 65 / 41	98 / 61 / 38	98 / 54 / 34	89 / 47 / 30	79 / 42 / 27			
		7 to 27	QMPV QBlock	105 / 105 / 91	105 / 105 / 82	105 / 105 / 75	105 / 105 / 69	105 / 100 / 64	105 / 92 / 59	105 / 85 / 54	105 / 79 / 51	105 / 74 / 47	105 / 69 / 44	105 / 65 / 41	105 / 61 / 41	103 / 57 / 36	98 / 50 / 32	88 / 45 / 29		
		27 to 45	QMPV QBlock	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	124 / 124 / 124	122 / 122 / 122	120 / 120 / 120	117 / 113 / 113	115 / 105 / 105	112 / 98 / 98	110 / 92 / 92	110 / 88 / 80	110 / 92 / 92	88 / 81 / 81	87 / 72 / 72	77 / 64 / 64	
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 113 / 113	124 / 105 / 105	121 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 80 / 80	95 / 75 / 75	84 / 66 / 66	75 / 59 / 59	67 / 53 / 53			
	C	0 to 7	QMPV QBlock	98 / 98 / 62	98 / 91 / 57	98 / 83 / 52	98 / 76 / 48	98 / 70 / 44	98 / 64 / 41	98 / 60 / 38	98 / 55 / 35	97 / 52 / 33	90 / 48 / 30	84 / 45 / 28	74 / 40 / 25	65 / 35 / 22	58 / 31 / 20			
		7 to 27	QMPV QBlock	105 / 105 / 67	105 / 96 / 61	105 / 87 / 56	105 / 80 / 51	105 / 74 / 47	105 / 68 / 44	104 / 63 / 40	103 / 59 / 38	102 / 55 / 35	100 / 51 / 33	93 / 48 / 31	82 / 42 / 27	73 / 37 / 24	65 / 33 / 21			
		27 to 45	QMPV QBlock	125 / 125 / 125	123 / 123 / 123	120 / 120 / 120	117 / 115 / 115	114 / 105 / 105	112 / 97 / 97	109 / 90 / 90	101 / 84 / 84	94 / 78 / 78	88 / 73 / 73	82 / 68 / 68	73 / 60 / 60	64 / 53 / 53	57 / 48 / 48			
		45 to 90	QMPV QBlock	128 / 119 / 119	125 / 109 / 109	122 / 100 / 100	117 / 92 / 92	109 / 85 / 85	101 / 79 / 79	93 / 73 / 73	87 / 68 / 68	81 / 64 / 64	76 / 60 / 60	71 / 56 / 56	63 / 50 / 50	56 / 44 / 44	51 / 40 / 40			
	D	0 to 7	QMPV QBlock	99 / 85 / 53	99 / 77 / 49	99 / 71 / 44	99 / 65 / 41	99 / 60 / 38	99 / 55 / 35	96 / 51 / 32	89 / 47 / 30	82 / 44 / 28	77 / 41 / 26	72 / 39 / 24	63 / 34 / 21	56 / 30 / 19	50 / 27 / 17			
		7 to 27	QMPV QBlock	109 / 90 / 57	109 / 82 / 52	109 / 75 / 48	109 / 69 / 44	108 / 63 / 40	106 / 58 / 37	105 / 54 / 35	98 / 50 / 32	92 / 47 / 30	85 / 44 / 28	80 / 41 / 26	70 / 36 / 23	62 / 32 / 21	55 / 29 / 18			
		27 to 45	QMPV QBlock	123 / 122 / 122	120 / 117 / 117	117 / 107 / 107	114 / 98 / 98	109 / 90 / 90	101 / 83 / 83	93 / 77 / 77	87 / 72 / 72	81 / 67 / 67	75 / 62 / 62	71 / 58 / 58	62 / 51 / 51	55 / 46 / 46	49 / 41 / 41			
		45 to 90	QMPV QBlock	123 / 103 / 103	119 / 94 / 94	110 / 86 / 86	101 / 79 / 79	94 / 73 / 73	87 / 68 / 68	81 / 63 / 63	75 / 59 / 59	70 / 55 / 55	66 / 51 / 51	62 / 48 / 48	54 / 43 / 43	49 / 38 / 38	44 / 34 / 34			
35 psf	B	0 to 7	QMPV QBlock	94 / 94 / 84	94 / 94 / 77	94 / 94 / 70	94 / 94 / 64	94 / 94 / 59	94 / 87 / 55	94 / 81 / 51	94 / 75 / 47	94 / 70 / 44	94 / 65 / 41	94 / 61 / 38	94 / 54 / 34	89 / 47 / 30	79 / 42 / 27			
		7 to 27	QMPV QBlock	101 / 101 / 91	101 / 101 / 82	101 / 101 / 75	101 / 101 / 69	101 / 100 / 64	101 / 92 / 59	101 / 85 / 54	101 / 79 / 51	101 / 74 / 47	101 / 69 / 44	100 / 64 / 41	98 / 57 / 36	96 / 50 / 32	88 / 45 / 29			
		27 to 45	QMPV QBlock	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	119 / 119 / 119	117 / 117 / 117	115 / 113 / 113	112 / 105 / 105	110 / 98 / 98	108 / 92 / 92	108 / 92 / 92	98 / 81 / 81	87 / 72 / 72	77 / 64 / 64		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 113 / 113	124 / 105 / 105	121 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 80 / 80	95 / 75 / 75	84 / 66 / 66	75 / 59 / 59	67 / 53 / 53			
	C	0 to 7	QMPV QBlock	94 / 94 / 62	94 / 91 / 57	94 / 83 / 52	94 / 76 / 48	94 / 70 / 44	94 / 64 / 41	94 / 60 / 38	94 / 55 / 35	94 / 50 / 33	90 / 48 / 30	84 / 45 / 28	74 / 40 / 25	65 / 35 / 22	58 / 31 / 20			
		7 to 27	QMPV QBlock	101 / 101 / 67	101 / 96 / 61	101 / 87 / 56	101 / 80 / 51	101 / 74 / 47	101 / 68 / 44	100 / 63 / 40	99 / 59 / 38	98 / 55 / 35	96 / 51 / 33	93 / 48 / 31	82 / 42 / 27	73 / 37 / 24	65 / 33 / 21			
		27 to 45	QMPV QBlock	120 / 120 / 120	120 / 120 / 120	117 / 117 / 117	115 / 115 / 115	112 / 105 / 105	109 / 97 / 97	107 / 90 / 90	101 / 84 / 84	94 / 78 / 78	88 / 73 / 73	82 / 68 / 68	73 / 60 / 60	64 / 53 / 53	57 / 48 / 48			
		45 to 90	QMPV QBlock	128 / 119 / 119	125 / 109 / 109	122 / 100 / 100	117 / 92 / 92	109 / 85 / 85	101 / 79 / 79	93 / 73 / 73	87 / 68 / 68	81 / 64 / 64	76 / 60 / 60	71 / 56 / 56	63 / 50 / 50	56 / 44 / 44	51 / 40 / 40			
	D	0 to 7	QMPV QBlock	97 / 85 / 53	97 / 77 / 49	97 / 71 / 44	97 / 65 / 41	97 / 60 / 38	97 / 55 / 35	93 / 51 / 32	89 / 47 / 30	82 / 44 / 28	77 / 41 / 26	72 / 39 / 24	63 / 34 / 21	56 / 30 / 19	50 / 27 / 17			
		7 to 27	QMPV QBlock	104 / 90 / 57	104 / 82 / 52	104 / 75 / 48	104 / 69 / 44	103 / 63 / 40	102 / 58 / 37	101 / 54 / 35	98 / 50 / 32	92 / 47 / 30	85 / 44 / 28	80 / 41 / 26	70 / 36 / 23	62 / 32 / 21	55 / 29 / 18			
		27 to 45	QMPV QBlock	121 / 117 / 121	118 / 117 / 117	115 / 107 / 107	112 / 98 / 98	109 / 90 / 90	101 / 83 / 83	93 / 77 / 77	87 / 72 / 72	81 / 67 / 67	75 / 62 / 62	71 / 58 / 58	62 / 51 / 51	55 / 46 / 46	49 / 41 / 41			
		45 to 90	QMPV QBlock	123 / 103 / 103	119 / 94 / 94	110 / 86 / 86	101 / 79 / 79	94 / 73 / 73	87 / 68 / 68	81 / 63 / 63	75 / 59 / 59	70 / 55 / 55	66 / 51 / 51	62 / 48 / 48	54 / 43 / 43	49 / 38 / 38	44 / 34 / 34			
40 psf	B	0 to 7	QMPV QBlock	90 / 90 / 84	90 / 90 / 77	90 / 90 / 70	90 / 90 / 64	90 / 90 / 59	90 / 87 / 55	90 / 81 / 51	90 / 75 / 47	90 / 70 / 44	90 / 65 / 41	90 / 61 / 38	90 / 54 / 34	89 / 47 / 30	79 / 42 / 27			
		7 to 27	QMPV QBlock	97 / 97 / 91	97 / 97 / 82	97 / 97 / 75	97 / 97 / 69	97 / 97 / 64	97 / 92 / 59	97 / 85 / 54	97 / 79 / 51	97 / 74 / 47	97 / 69 / 44	96 / 64 / 41	94 / 57 / 36	93 / 50 / 32	88 / 45 / 29			
		27 to 45	QMPV QBlock	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	114 / 114 / 114	112 / 112 / 112	110 / 105 / 105	108 / 98 / 98	106 / 92 / 92	106 / 92 / 92	98 / 81 / 81	87 / 72 / 72	77 / 64 / 64		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 113 / 113	124 / 105 / 105	121 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 80 / 80	95 / 75 / 75	84 / 66 / 66	75 / 59 / 59	67 / 53 / 53			
	C	0 to 7	QMPV QBlock	90 / 90 / 62	90 / 90 / 57	90 / 83 / 52	90 / 76 / 48	90 / 70 / 44	90 / 64 / 41	90 / 60 / 38	90 / 55 / 35	90 / 50 / 33	90 / 48 / 30	84 / 45 / 28	74 / 40 / 25	65 / 35 / 22	58 / 31 / 20			
		7 to 27	QMPV QBlock	97 / 97 / 67	97 / 96 / 61	97 / 87 / 56	97 / 80 / 51	97 / 74 / 47	97 / 68 / 44	96 / 63 / 40	95 / 59 / 38	94 / 55 / 35	93 / 51 / 33	92 / 48 / 31	82 / 42 / 27	73 / 37 / 24	65 / 33 / 21			
		27 to 45	QMPV QBlock	116 / 116 / 116	116 / 116 / 116	115 / 117 / 117	115 / 115 / 115	112 / 112 / 112	110 / 105 / 105	107 / 97 / 97	105 / 90 / 90	101 / 84 / 84	94 / 78 / 78	88 / 73 / 73	82 / 68 / 68	73 / 60 / 60	64 / 53 / 53	57 / 48 / 48		
		45 to 90	QMPV QBlock	128 / 119 / 119	125 / 109 / 109	122 / 100 / 100	117 / 92 / 92	109 / 85 / 85	101 / 79 / 79	93 / 73 / 73	87 / 68 / 68	81 / 64 / 64	76 / 60 / 60	71 / 56 / 56	63 / 50 / 50	56 / 44 / 44	51 / 40 / 40			
	D	0 to 7	QMPV QBlock	93 / 85 / 53	93 / 77 / 49	93 / 71 / 44	93 / 65 / 41	93 / 60 / 38	93 / 55 / 35	93 / 51 / 32	89 / 47 / 30	82 / 44 / 28	77 / 41 / 26	72 / 39 / 24	63 / 34 / 21	56 / 30 / 19	50 / 27 / 17			
		7 to 27	QMPV QBlock	100 / 90 / 57	100 / 82 / 52	100 / 75 / 48	100 / 69 / 44	99 / 63 / 40	98 / 58 / 37	97 / 54 / 35	96 / 50 / 32	92 / 47 / 30	85 / 44 / 28	80 / 41 / 26	70 / 36 / 23	62 / 32 / 21	55 / 29 / 18			
		27 to 45	QMPV QBlock	118 / 118 / 118	115 / 115 / 115	112 / 107 / 107	110 / 98 / 98	107 / 90 / 90	101 / 83 / 83	93 / 77 / 77	87 / 72 / 72	81 / 67 / 67	75 / 62 / 62	71 / 58 / 58	62 / 51 / 51	55 / 46 / 46	49 / 41 / 41			
		45 to 90	QMPV QBlock	123 / 103 / 103	119 / 94 / 94	110 / 86 / 86	101 / 79 / 79	94 / 73 / 73	87 / 68 / 68	81 / 63 / 63	75 / 59 / 59	70 / 55 / 55	66 / 51 / 51	62 / 48 / 48	54 / 43 / 43	49 / 38 / 38	44 / 34 / 34			
45 psf	B	0 to 7	QMPV QBlock	85 / 85 / 84	85 / 85 / 77	85 / 85 / 70	85 / 85 / 64	85 / 85 / 59	85 / 85 / 55	85 / 81 / 51	85 / 75 / 47	85 / 70 / 44	85 / 65 / 41	85 / 61 / 38	85 / 54 / 34	85 / 47 / 30	79 / 42 / 27			
		7 to 27	QMPV QBlock	93 / 93 / 91	93 / 93 / 82	93 / 93 / 75	93 / 93 / 69	93 / 93 / 64	93 / 92 / 59	93 / 85 / 54	93 / 79 / 51	93 / 74 / 47	93 / 69 / 44	93 / 64 / 41	91 / 57 / 36	90 / 50 / 32	88 / 45 / 29			
		27 to 45	QMPV QBlock	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	110 / 110 / 110	110 / 110 / 110	108 / 105 / 105	106 / 98 / 98	104 / 92 / 92	104 / 92 / 92	98 / 81 / 81	87 / 72 / 72	77 / 64 / 64		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 113 / 113	124 / 105 / 105	121 / 98 / 98	116 / 91 / 91	108 / 85 / 85	101 / 80 / 80	95 / 75 / 75	84 / 66 / 66	75 / 59 / 59	67 / 53 / 53			
	C	0 to 7	QMPV QBlock	85 / 85 / 62	85 / 85 / 57	85 / 83 / 52	85 / 76 / 48	85 / 70 / 44	85 / 64 / 41	85 / 60 / 38	85 / 55 / 35	85 / 52 / 33	85 / 48 / 30	84 / 45 / 28	74 / 40 / 25	65 / 35 / 22	58 / 31 / 20			
		7 to 27	QMPV QBlock	93 / 93 / 67	93 / 93 / 61	93 / 87 / 56	93 / 80 / 51	93 / 74 / 47	93 / 68 / 44	92 / 63 / 40	91 / 59 / 38	91 / 55 / 35	90 / 51 / 33	89 /						

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE-Lag (Specific Gravity of Lumber Rafter = 0.50) -- 60-cell																	
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph			
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3		
0 psf	B	0 to 7	QMPV QBlock	110 / 110 / 97	110 / 110 / 94	110 / 107 / 90	110 / 104 / 83	110 / 101 / 76	110 / 98 / 70	110 / 95 / 65	110 / 93 / 60	110 / 90 / 56	110 / 84 / 52	107 / 78 / 49	103 / 69 / 43	98 / 61 / 38	95 / 54 / 34			
		7 to 27	QMPV QBlock	112 / 112 / 99	112 / 112 / 96	112 / 109 / 93	112 / 105 / 89	112 / 102 / 82	112 / 100 / 75	112 / 97 / 70	112 / 95 / 65	112 / 92 / 60	112 / 88 / 56	111 / 84 / 52	106 / 73 / 46	102 / 64 / 41	98 / 57 / 37	95 / 47 / 37		
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	113 / 113 / 113	110 / 110 / 110	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	95 / 95 / 95	92 / 92 / 92	87 / 84 / 84	85 / 85 / 85	81 / 81 / 81		
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 117 / 117	117 / 115 / 115	115 / 111 / 111	111 / 108 / 108	101 / 106 / 106	104 / 103 / 103	101 / 100 / 100	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	87 / 84 / 84	82 / 75 / 75	78 / 67 / 67	75 / 67 / 67		
	C	0 to 7	QMPV QBlock	110 / 101 / 76	110 / 97 / 69	110 / 94 / 63	110 / 92 / 58	110 / 85 / 53	107 / 78 / 49	105 / 73 / 46	102 / 67 / 42	99 / 63 / 39	97 / 58 / 37	95 / 55 / 34	90 / 48 / 30	79 / 43 / 27	71 / 38 / 24			
		7 to 27	QMPV QBlock	112 / 102 / 81	112 / 99 / 74	112 / 96 / 68	112 / 93 / 62	112 / 90 / 57	111 / 83 / 53	108 / 77 / 49	106 / 71 / 46	103 / 66 / 42	101 / 62 / 40	98 / 58 / 37	94 / 51 / 33	88 / 45 / 29	79 / 40 / 26			
		27 to 45	QMPV QBlock	113 / 113 / 113	109 / 109 / 109	105 / 105 / 105	102 / 102 / 102	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	81 / 81 / 81	77 / 73 / 73	73 / 64 / 64	69 / 58 / 58			
		45 to 90	QMPV QBlock	111 / 108 / 108	107 / 105 / 105	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 88 / 88	86 / 82 / 82	83 / 77 / 77	81 / 72 / 72	78 / 68 / 68	74 / 60 / 60	68 / 53 / 53	61 / 48 / 48			
	D	0 to 7	QMPV QBlock	110 / 95 / 63	110 / 92 / 58	110 / 84 / 53	107 / 77 / 48	104 / 71 / 45	101 / 66 / 41	98 / 61 / 38	96 / 56 / 35	94 / 52 / 33	91 / 49 / 31	85 / 46 / 29	75 / 40 / 25	66 / 36 / 23	59 / 32 / 20			
		7 to 27	QMPV QBlock	112 / 96 / 68	112 / 93 / 62	112 / 89 / 57	111 / 81 / 52	108 / 75 / 48	105 / 69 / 44	102 / 64 / 41	99 / 60 / 38	97 / 55 / 36	95 / 52 / 33	93 / 48 / 31	83 / 43 / 27	74 / 38 / 24	66 / 34 / 22			
		27 to 45	QMPV QBlock	105 / 105 / 105	101 / 101 / 101	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 82 / 82	80 / 79 / 79	78 / 74 / 74	75 / 69 / 69	71 / 61 / 61	65 / 54 / 54	58 / 48 / 48			
		45 to 90	QMPV QBlock	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	91 / 91 / 91	88 / 87 / 87	85 / 80 / 80	82 / 75 / 75	80 / 70 / 70	77 / 65 / 65	75 / 61 / 61	72 / 57 / 57	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40			
5 psf	B	0 to 7	QMPV QBlock	105 / 105 / 97	105 / 105 / 94	105 / 104 / 83	105 / 101 / 76	105 / 98 / 70	105 / 95 / 65	105 / 93 / 60	105 / 90 / 56	105 / 84 / 52	105 / 78 / 49	103 / 69 / 43	98 / 61 / 38	95 / 54 / 34				
		7 to 27	QMPV QBlock	112 / 112 / 99	112 / 112 / 96	112 / 109 / 93	112 / 105 / 89	112 / 102 / 82	112 / 100 / 75	112 / 97 / 70	112 / 95 / 65	112 / 92 / 60	112 / 88 / 56	111 / 82 / 53	106 / 73 / 46	102 / 64 / 41	98 / 57 / 37			
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	113 / 113 / 113	110 / 110 / 110	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	95 / 95 / 95	92 / 92 / 92	87 / 84 / 84	85 / 85 / 85			
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 117 / 117	117 / 115 / 115	115 / 111 / 111	111 / 108 / 108	107 / 106 / 106	104 / 103 / 103	101 / 100 / 100	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	87 / 84 / 84	82 / 75 / 75	78 / 67 / 67			
	C	0 to 7	QMPV QBlock	105 / 101 / 76	105 / 97 / 69	105 / 94 / 63	105 / 92 / 58	105 / 85 / 53	105 / 78 / 49	105 / 73 / 46	102 / 67 / 42	99 / 63 / 39	97 / 58 / 37	95 / 55 / 34	90 / 48 / 30	79 / 43 / 27	71 / 38 / 24			
		7 to 27	QMPV QBlock	112 / 102 / 81	112 / 99 / 74	112 / 96 / 68	112 / 93 / 62	112 / 90 / 57	111 / 83 / 53	108 / 77 / 49	106 / 71 / 46	103 / 66 / 42	101 / 62 / 40	98 / 58 / 37	94 / 51 / 33	88 / 45 / 29	79 / 40 / 26			
		27 to 45	QMPV QBlock	113 / 113 / 113	109 / 109 / 109	105 / 105 / 105	102 / 102 / 102	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	81 / 81 / 81	77 / 73 / 73	73 / 64 / 64	69 / 58 / 58			
		45 to 90	QMPV QBlock	111 / 108 / 108	107 / 105 / 105	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 88 / 88	86 / 82 / 82	83 / 77 / 77	81 / 72 / 72	78 / 68 / 68	74 / 60 / 60	68 / 53 / 53	61 / 48 / 48			
	D	0 to 7	QMPV QBlock	105 / 95 / 63	105 / 92 / 58	105 / 84 / 53	105 / 77 / 48	104 / 71 / 45	101 / 66 / 41	98 / 61 / 38	96 / 56 / 35	94 / 52 / 33	91 / 49 / 31	85 / 46 / 29	75 / 40 / 25	66 / 36 / 23	59 / 32 / 20			
		7 to 27	QMPV QBlock	112 / 96 / 68	112 / 93 / 62	112 / 89 / 57	111 / 81 / 52	108 / 75 / 48	105 / 69 / 44	102 / 64 / 41	99 / 60 / 38	97 / 55 / 36	95 / 52 / 33	93 / 48 / 31	83 / 43 / 27	74 / 38 / 24	66 / 34 / 22			
		27 to 45	QMPV QBlock	105 / 105 / 105	101 / 101 / 101	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 82 / 82	80 / 79 / 79	78 / 74 / 74	75 / 69 / 69	71 / 61 / 61	65 / 54 / 54	58 / 48 / 48			
		45 to 90	QMPV QBlock	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	91 / 91 / 91	88 / 87 / 87	85 / 80 / 80	82 / 75 / 75	80 / 70 / 70	77 / 65 / 65	75 / 61 / 61	72 / 57 / 57	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40			
10 psf	B	0 to 7	QMPV QBlock	93 / 93 / 93	93 / 93 / 93	93 / 93 / 90	93 / 93 / 83	93 / 93 / 76	93 / 93 / 70	93 / 93 / 65	93 / 93 / 60	93 / 90 / 56	93 / 78 / 49	93 / 69 / 43	93 / 61 / 38	93 / 54 / 34				
		7 to 27	QMPV QBlock	104 / 104 / 99	104 / 104 / 96	104 / 104 / 93	104 / 104 / 89	104 / 102 / 82	104 / 100 / 75	104 / 97 / 70	104 / 95 / 65	104 / 92 / 60	104 / 88 / 56	104 / 82 / 53	104 / 73 / 46	102 / 64 / 41	98 / 57 / 37			
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	113 / 113 / 113	110 / 110 / 110	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	95 / 95 / 95	92 / 92 / 92	87 / 84 / 84	85 / 85 / 85			
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 117 / 117	117 / 115 / 115	115 / 111 / 111	111 / 108 / 108	107 / 106 / 106	104 / 103 / 103	101 / 100 / 100	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	87 / 84 / 84	82 / 75 / 75	78 / 67 / 67			
	C	0 to 7	QMPV QBlock	93 / 93 / 76	93 / 93 / 69	93 / 93 / 63	93 / 92 / 58	93 / 85 / 53	93 / 78 / 49	93 / 73 / 46	93 / 67 / 42	93 / 63 / 39	93 / 55 / 34	93 / 52 / 34	90 / 48 / 30	79 / 43 / 27	71 / 38 / 24			
		7 to 27	QMPV QBlock	104 / 102 / 81	104 / 99 / 74	104 / 96 / 68	104 / 93 / 62	104 / 90 / 57	104 / 83 / 53	104 / 77 / 49	104 / 71 / 46	103 / 66 / 42	101 / 62 / 40	98 / 58 / 37	94 / 51 / 33	88 / 45 / 29	79 / 40 / 26			
		27 to 45	QMPV QBlock	113 / 113 / 113	109 / 109 / 109	105 / 105 / 105	102 / 102 / 102	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	81 / 81 / 81	77 / 73 / 73	73 / 64 / 64	69 / 58 / 58			
		45 to 90	QMPV QBlock	111 / 108 / 108	107 / 105 / 105	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 88 / 88	86 / 82 / 82	83 / 77 / 77	81 / 72 / 72	78 / 68 / 68	74 / 60 / 60	68 / 53 / 53	61 / 48 / 48			
	D	0 to 7	QMPV QBlock	93 / 93 / 63	93 / 92 / 58	93 / 84 / 53	93 / 77 / 48	93 / 71 / 45	93 / 66 / 41	93 / 61 / 38	93 / 56 / 35	93 / 52 / 33	91 / 49 / 31	85 / 46 / 29	75 / 40 / 25	66 / 36 / 23	59 / 32 / 20			
		7 to 27	QMPV QBlock	106 / 96 / 68	106 / 93 / 62	106 / 89 / 57	106 / 81 / 52	106 / 75 / 48	105 / 69 / 44	102 / 64 / 41	99 / 60 / 38	97 / 55 / 36	95 / 52 / 33	93 / 48 / 31	83 / 43 / 27	74 / 38 / 24	66 / 34 / 22			
		27 to 45	QMPV QBlock	105 / 105 / 105	101 / 101 / 101	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 88 / 88	85 / 85 / 85	82 / 82 / 82	80 / 79 / 79	78 / 74 / 74	75 / 69 / 69	71 / 61 / 61	65 / 54 / 54	58 / 48 / 48			
		45 to 90	QMPV QBlock	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	91 / 91 / 91	88 / 87 / 87	85 / 80 / 80	82 / 75 / 75	80 / 70 / 70	77 / 65 / 65	75 / 61 / 61	72 / 57 / 57	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40			
15 psf	B	0 to 7	QMPV QBlock	84 / 84 / 84	84 / 84 / 84	84 / 84 / 84	84 / 84 / 83	84 / 84 / 76	84 / 84 / 70	84 / 84 / 65	84 / 84 / 60	84 / 84 / 56	84 / 84 / 52	84 / 78 / 49	84 / 69 / 43	84 / 61 / 38	84 / 54 / 34			
		7 to 27	QMPV QBlock	97 / 97 / 97	97 / 97 / 96	97 / 97 / 93	97 / 97 / 89	97 / 97 / 82	97 / 97 / 76	97 / 97 / 70	97 / 97 / 65	97 / 92 / 60	97 / 88 / 56	97 / 82 / 53	97 / 73 / 46	96 / 64 / 41	93 / 57 / 37			
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	114 / 114 / 114	113 / 113 / 113	110 / 110 / 110	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	95 / 95 / 95	92 / 92 / 92	87 / 84 / 84	85 / 85 / 85			
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 117 / 117	117 / 115 / 115	115 / 111 / 111	111 / 108 / 108	107 / 106 / 106	104 / 103 / 103	101 / 100 / 100	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	87 / 84 / 84	82 / 75 / 75	78 / 67 / 67			
	C	0 to 7	QMPV QBlock	84 / 84 / 76	84 / 84 / 69	84 / 84 / 63	84 / 84 / 58	84 / 84 / 53	84 / 78 / 49	84 / 73 / 46	84 / 67 / 42	84 / 63 / 39	84 / 58 / 37	84 / 55 / 34	84 / 48 / 30	79 / 43 / 27	71 / 38 / 24			
		7 to 27	QMPV QBlock	97 / 97 / 81	97 / 97 / 74	97 / 96 / 68	97 / 93 / 62	97 / 90 / 57	97 / 83 / 53	97 / 77 / 49	97 / 71 / 46	96 / 66 / 42	95 / 62 / 40	93 / 58 / 37	90 / 51 / 33	88 / 45 / 29	79 / 40 / 26			
		27 to 45	QMPV QBlock	113 / 113 / 113	109 / 109 / 109	105 / 105 / 105	102 / 102 / 102	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	81 / 81 / 81	77 / 73 / 73	73 / 64 / 64	69 / 58 / 58			
		45 to 90	QMPV QBlock	111 / 108 / 108	107 / 105 / 105	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 88 / 88										

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE-Lag (Specific Gravity of Lumber Rafter = 0.50) -- 60-cell																			
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph					
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3				
30 psf	B	0 to 7	QMPV QBlock	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77				
		7 to 27	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82			
		27 to 45	QMPV QBlock	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103	103 / 103 / 103		
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117		
	C	0 to 7	QMPV QBlock	77 / 77 / 76	77 / 77 / 69	77 / 77 / 63	77 / 77 / 58	77 / 77 / 53	77 / 77 / 48	77 / 77 / 43	77 / 77 / 38	77 / 77 / 33	77 / 77 / 28	77 / 77 / 23	77 / 77 / 18	77 / 77 / 13	77 / 77 / 8	77 / 77 / 3	77 / 77 / 3	77 / 77 / 3		
		7 to 27	QMPV QBlock	82 / 82 / 81	82 / 82 / 74	82 / 82 / 68	82 / 82 / 62	82 / 82 / 57	82 / 82 / 52	82 / 82 / 47	82 / 82 / 42	82 / 82 / 37	82 / 82 / 32	82 / 82 / 27	82 / 82 / 22	82 / 82 / 17	82 / 82 / 12	82 / 82 / 7	82 / 82 / 2	82 / 82 / 2	82 / 82 / 2	
		27 to 45	QMPV QBlock	103 / 103 / 103	101 / 101 / 101	98 / 98 / 98	96 / 96 / 96	94 / 94 / 94	92 / 92 / 92	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 80 / 80	78 / 78 / 78	76 / 76 / 76	74 / 74 / 74	72 / 72 / 72	70 / 70 / 70	70 / 70 / 70	
		45 to 90	QMPV QBlock	111 / 108 / 108	107 / 105 / 105	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 88 / 88	86 / 82 / 82	83 / 77 / 77	81 / 72 / 72	78 / 68 / 68	74 / 60 / 60	68 / 53 / 53	61 / 48 / 48	55 / 32 / 20	51 / 40 / 40	46 / 34 / 22	42 / 32 / 20	
	D	0 to 7	QMPV QBlock	78 / 78 / 63	78 / 78 / 58	78 / 78 / 53	78 / 77 / 48	78 / 71 / 45	78 / 66 / 41	78 / 61 / 38	78 / 56 / 35	78 / 52 / 33	78 / 49 / 31	78 / 46 / 29	75 / 40 / 25	66 / 36 / 23	59 / 32 / 20	55 / 32 / 20	51 / 40 / 40	46 / 34 / 22		
		7 to 27	QMPV QBlock	85 / 85 / 68	85 / 85 / 62	85 / 85 / 57	85 / 81 / 52	85 / 75 / 48	85 / 69 / 44	84 / 64 / 41	83 / 60 / 38	82 / 55 / 36	81 / 52 / 33	80 / 48 / 31	77 / 43 / 27	74 / 38 / 24	66 / 34 / 22	61 / 34 / 22	57 / 37 / 24	53 / 32 / 20		
		27 to 45	QMPV QBlock	100 / 100 / 100	98 / 98 / 98	95 / 95 / 95	93 / 93 / 93	90 / 90 / 90	88 / 88 / 88	85 / 85 / 85	82 / 82 / 82	80 / 79 / 79	78 / 74 / 74	75 / 69 / 69	71 / 61 / 61	65 / 54 / 54	58 / 48 / 48	51 / 40 / 40	46 / 34 / 22	42 / 32 / 20	38 / 24 / 20	
		45 to 90	QMPV QBlock	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	91 / 91 / 91	88 / 87 / 87	85 / 80 / 80	82 / 75 / 75	80 / 70 / 70	77 / 65 / 65	75 / 61 / 61	72 / 57 / 57	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40	46 / 34 / 22	42 / 32 / 20	38 / 24 / 20	34 / 22 / 20	
35 psf	B	0 to 7	QMPV QBlock	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73		
		7 to 27	QMPV QBlock	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79
		27 to 45	QMPV QBlock	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	98 / 98 / 98	97 / 97 / 97	95 / 95 / 95	93 / 93 / 93	91 / 91 / 91	90 / 90 / 90	86 / 86 / 86	83 / 83 / 83	80 / 80 / 80	78 / 78 / 78	76 / 76 / 76	74 / 74 / 74
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	115 / 115 / 115	111 / 111 / 111	111 / 108 / 108	108 / 106 / 106	104 / 103 / 103	101 / 100 / 100	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	87 / 84 / 84	82 / 75 / 75	78 / 67 / 67	74 / 63 / 63	70 / 60 / 60	66 / 53 / 53	61 / 48 / 48
	C	0 to 7	QMPV QBlock	73 / 73 / 73	73 / 73 / 69	73 / 73 / 63	73 / 73 / 58	73 / 73 / 53	73 / 73 / 48	73 / 73 / 43	73 / 73 / 38	73 / 73 / 33	73 / 73 / 28	73 / 73 / 23	73 / 73 / 18	73 / 73 / 13	73 / 73 / 8	73 / 73 / 3	73 / 73 / 3	73 / 73 / 3	73 / 73 / 3	
		7 to 27	QMPV QBlock	79 / 79 / 79	79 / 79 / 74	79 / 79 / 68	79 / 79 / 62	79 / 79 / 57	79 / 79 / 52	79 / 79 / 47	79 / 79 / 42	79 / 79 / 37	79 / 79 / 32	79 / 79 / 27	79 / 79 / 22	79 / 79 / 17	79 / 79 / 12	79 / 79 / 7	79 / 79 / 2	79 / 79 / 2	79 / 79 / 2	
		27 to 45	QMPV QBlock	99 / 99 / 99	98 / 98 / 98	96 / 96 / 96	94 / 94 / 94	92 / 92 / 92	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 80 / 80	77 / 73 / 73	73 / 64 / 64	68 / 53 / 53	61 / 48 / 48	55 / 32 / 20	51 / 40 / 40	46 / 34 / 22	
		45 to 90	QMPV QBlock	111 / 108 / 108	107 / 105 / 105	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 88 / 88	86 / 82 / 82	83 / 77 / 77	81 / 72 / 72	78 / 68 / 68	74 / 60 / 60	68 / 53 / 53	61 / 48 / 48	55 / 32 / 20	51 / 40 / 40	46 / 34 / 22	42 / 32 / 20	
	D	0 to 7	QMPV QBlock	76 / 76 / 63	76 / 76 / 58	76 / 76 / 53	76 / 76 / 48	76 / 76 / 43	76 / 76 / 38	76 / 76 / 33	76 / 76 / 28	76 / 76 / 23	76 / 76 / 18	76 / 76 / 13	76 / 76 / 8	76 / 76 / 3	76 / 76 / 3	76 / 76 / 3	76 / 76 / 3	76 / 76 / 3	76 / 76 / 3	
		7 to 27	QMPV QBlock	82 / 82 / 68	82 / 82 / 62	82 / 82 / 57	82 / 81 / 52	82 / 75 / 48	81 / 69 / 44	81 / 64 / 41	80 / 60 / 38	79 / 55 / 36	78 / 52 / 33	77 / 48 / 31	75 / 43 / 27	73 / 38 / 24	66 / 34 / 22	61 / 34 / 22	57 / 37 / 24	53 / 32 / 20	49 / 26 / 20	
		27 to 45	QMPV QBlock	98 / 98 / 98	95 / 95 / 95	93 / 93 / 93	91 / 91 / 91	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 79 / 79	78 / 74 / 74	75 / 69 / 69	71 / 61 / 61	65 / 54 / 54	58 / 48 / 48	51 / 40 / 40	46 / 34 / 22	42 / 32 / 20	38 / 24 / 20	
		45 to 90	QMPV QBlock	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	91 / 91 / 91	88 / 87 / 87	85 / 80 / 80	82 / 75 / 75	80 / 70 / 70	77 / 65 / 65	75 / 61 / 61	72 / 57 / 57	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40	46 / 34 / 22	42 / 32 / 20	38 / 24 / 20	34 / 22 / 20	
40 psf	B	0 to 7	QMPV QBlock	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70		
		7 to 27	QMPV QBlock	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76
		27 to 45	QMPV QBlock	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93
		45 to 90	QMPV QBlock	117 / 117 / 117	117 / 117 / 117	117 / 117 / 117	115 / 115 / 115	111 / 111 / 111	111 / 108 / 108	107 / 106 / 106	104 / 103 / 103	101 / 100 / 100	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	87 / 84 / 84	82 / 75 / 75	78 / 67 / 67	74 / 63 / 63	70 / 60 / 60	66 / 53 / 53	61 / 48 / 48
	C	0 to 7	QMPV QBlock	70 / 70 / 70	70 / 70 / 69	70 / 70 / 63	70 / 70 / 58	70 / 70 / 53	70 / 70 / 49	70 / 70 / 46	70 / 70 / 42	70 / 70 / 39	70 / 70 / 36	70 / 70 / 33	70 / 70 / 30	70 / 70 / 27	70 / 70 / 24	70 / 70 / 21	70 / 70 / 18	70 / 70 / 15	70 / 70 / 12	
		7 to 27	QMPV QBlock	76 / 76 / 76	76 / 76 / 74	76 / 76 / 74	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72	76 / 76 / 72
		27 to 45	QMPV QBlock	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	92 / 92 / 92	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	76 / 73 / 46	73 / 64 / 64	68 / 53 / 53	61 / 48 / 48	55 / 32 / 20	51 / 40 / 40	
		45 to 90	QMPV QBlock	111 / 108 / 108	107 / 105 / 105	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 88 / 88	86 / 82 / 82	83 / 77 / 77	81 / 72 / 72	78 / 68 / 68	74 / 60 / 60	68 / 53 / 53	61 / 48 / 48	55 / 32 / 20	51 / 40 / 40	46 / 34 / 22	42 / 32 / 20	
	D	0 to 7	QMPV QBlock	73 / 73 / 63	73 / 73 / 58	73 / 73 / 53	73 / 73 / 48	73 / 73 / 43	73 / 73 / 38	73 / 73 / 33	73 / 73 / 28	73 / 73 / 23	73 / 73 / 18	73 / 73 / 13	73 / 73 / 8	73 / 73 / 3	73 / 73 / 3	73 / 73 / 3	73 / 73 / 3	73 / 73 / 3	73 / 73 / 3	
		7 to 27	QMPV QBlock	78 / 78 / 68	78 / 78 / 62	78 / 78 / 57	78 / 78 / 52	78 / 75 / 48	78 / 69 / 44	77 / 64 / 41	77 / 60 / 38	76 / 55 / 36	75 / 52 / 33	74 / 48 / 31	72 / 43 / 27	71 / 38 / 24	66 / 34 / 22	61 / 34 / 22	57 / 37 / 24	53 / 32 / 20	49 / 26 / 20	
		27 to 45	QMPV QBlock	96 / 96 / 96	93 / 93 / 93	91 / 91 / 91	89 / 89 / 89	87 / 87 / 87	85 / 85 / 85	83 / 83 / 83	81 / 81 / 81	79 / 79 / 79	77 / 74 / 74	75 / 69 / 69	71 / 61 / 61	65 / 54 / 54	58 / 48 / 48	51 / 40 / 40	46 / 34 / 22	42 / 32 / 20	38 / 24 / 20	
		45 to 90	QMPV QBlock	103 / 102 / 102	99 / 99 / 99	95 / 95 / 95	91 / 91 / 91	88 / 87 / 87	85 / 80 / 80	82 / 75 / 75	80 / 70 / 70	77 / 65 / 65	75 / 61 / 61	72 / 57 / 57	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40	46 / 34 / 22	42 / 32 / 20	38 / 24 / 20	34 / 22 / 20	
45 psf	B	0 to 7	QMPV QBlock	67 /																		

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE-Lag (Specific Gravity of Lumber Rafter = 0.50) -- 72-cell																
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph		
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	
0 psf	B	0 to 7	QMPV QBlock	101 / 101 / 89	101 / 101 / 81	101 / 101 / 74	101 / 98 / 68	101 / 95 / 62	101 / 93 / 58	101 / 86 / 53	101 / 79 / 49	101 / 74 / 46	101 / 69 / 43	101 / 64 / 40	97 / 56 / 35	93 / 50 / 31	83 / 45 / 28		
		7 to 27	QMPV QBlock	103 / 103 / 94	103 / 103 / 87	103 / 103 / 80	103 / 100 / 73	103 / 97 / 67	103 / 94 / 62	103 / 90 / 57	103 / 84 / 53	103 / 78 / 50	103 / 74 / 50	103 / 73 / 46	103 / 68 / 43	101 / 60 / 38	96 / 53 / 34	93 / 47 / 30	
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	83 / 83 / 83	80 / 83 / 83	78 / 75 / 75	75 / 67 / 67	
		45 to 90	QMPV QBlock	108 / 108 / 108	105 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 89 / 89	87 / 83 / 83	84 / 78 / 78	80 / 69 / 69	76 / 62 / 62	70 / 55 / 55		
		0 to 7	QMPV QBlock	101 / 95 / 62	101 / 91 / 57	101 / 83 / 52	101 / 76 / 47	101 / 70 / 44	101 / 64 / 40	99 / 60 / 37	96 / 55 / 35	94 / 52 / 32	90 / 48 / 30	84 / 45 / 28	74 / 40 / 25	65 / 35 / 22	58 / 31 / 20		
		7 to 27	QMPV QBlock	103 / 97 / 67	103 / 94 / 61	103 / 88 / 56	103 / 80 / 51	103 / 74 / 47	103 / 68 / 43	102 / 63 / 40	100 / 58 / 37	97 / 54 / 35	95 / 51 / 33	93 / 48 / 30	82 / 42 / 27	73 / 37 / 24	65 / 33 / 21		
	C	27 to 45	QMPV QBlock	104 / 104 / 104	100 / 100 / 100	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	82 / 82 / 82	79 / 78 / 78	77 / 73 / 73	75 / 68 / 68	71 / 60 / 60	64 / 53 / 53	57 / 47 / 47		
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 84 / 84	85 / 78 / 78	82 / 73 / 73	79 / 68 / 68	77 / 63 / 63	74 / 59 / 59	71 / 56 / 56	63 / 49 / 49	56 / 44 / 44	50 / 39 / 39		
		0 to 7	QMPV QBlock	101 / 84 / 52	101 / 76 / 47	101 / 69 / 43	101 / 63 / 40	98 / 58 / 37	95 / 54 / 34	93 / 50 / 31	87 / 46 / 29	81 / 43 / 27	75 / 40 / 25	70 / 38 / 24	62 / 33 / 21	55 / 29 / 19	49 / 26 / 17		
		7 to 27	QMPV QBlock	103 / 88 / 56	103 / 80 / 51	103 / 73 / 47	103 / 67 / 43	102 / 62 / 39	99 / 57 / 36	96 / 53 / 34	94 / 49 / 31	90 / 46 / 29	83 / 43 / 27	78 / 40 / 26	69 / 35 / 23	61 / 31 / 20	54 / 28 / 18		
		27 to 45	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	81 / 81 / 81	78 / 75 / 75	76 / 70 / 70	74 / 65 / 65	71 / 61 / 61	69 / 57 / 57	61 / 50 / 50	54 / 44 / 44	48 / 40 / 40		
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	87 / 84 / 84	84 / 77 / 77	81 / 71 / 71	78 / 66 / 66	76 / 61 / 61	73 / 57 / 57	68 / 53 / 53	64 / 50 / 50	60 / 47 / 47	53 / 41 / 41	47 / 37 / 37	42 / 33 / 33		
5 psf	B	0 to 7	QMPV QBlock	96 / 96 / 89	96 / 96 / 81	96 / 96 / 74	96 / 96 / 68	96 / 95 / 62	96 / 93 / 58	96 / 86 / 53	96 / 79 / 49	96 / 74 / 46	96 / 69 / 43	96 / 64 / 40	96 / 56 / 35	93 / 50 / 31	83 / 45 / 28		
		7 to 27	QMPV QBlock	103 / 103 / 94	103 / 103 / 87	103 / 103 / 80	103 / 100 / 73	103 / 97 / 67	103 / 94 / 62	103 / 90 / 57	103 / 84 / 53	103 / 78 / 50	103 / 74 / 50	103 / 73 / 46	103 / 68 / 43	101 / 60 / 38	96 / 53 / 34	93 / 47 / 30	
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	90 / 89 / 89	87 / 83 / 83	84 / 78 / 78	80 / 69 / 69	76 / 62 / 62	70 / 55 / 55	
		45 to 90	QMPV QBlock	108 / 108 / 108	108 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 89 / 89	87 / 83 / 83	84 / 78 / 78	80 / 69 / 69	76 / 62 / 62	70 / 55 / 55		
		0 to 7	QMPV QBlock	96 / 95 / 62	96 / 91 / 57	96 / 83 / 52	96 / 76 / 47	96 / 70 / 44	96 / 64 / 40	96 / 60 / 37	96 / 55 / 35	94 / 52 / 32	90 / 48 / 30	84 / 45 / 28	74 / 40 / 25	65 / 35 / 22	58 / 31 / 20		
		7 to 27	QMPV QBlock	103 / 97 / 67	103 / 94 / 61	103 / 88 / 56	103 / 80 / 51	103 / 74 / 47	103 / 68 / 43	102 / 63 / 40	100 / 58 / 37	97 / 54 / 35	95 / 51 / 33	93 / 48 / 30	82 / 42 / 27	73 / 37 / 24	65 / 33 / 21		
	C	27 to 45	QMPV QBlock	104 / 104 / 104	100 / 100 / 100	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	82 / 82 / 82	79 / 78 / 78	77 / 73 / 73	75 / 68 / 68	71 / 60 / 60	64 / 53 / 53	57 / 47 / 47		
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 84 / 84	85 / 78 / 78	82 / 73 / 73	79 / 68 / 68	77 / 63 / 63	74 / 59 / 59	71 / 56 / 56	63 / 49 / 49	56 / 44 / 44	50 / 39 / 39		
		0 to 7	QMPV QBlock	96 / 84 / 52	96 / 76 / 47	96 / 69 / 43	96 / 63 / 40	96 / 58 / 37	95 / 54 / 34	93 / 50 / 31	87 / 46 / 29	81 / 43 / 27	75 / 40 / 25	70 / 38 / 24	62 / 33 / 21	55 / 29 / 19	49 / 26 / 17		
		7 to 27	QMPV QBlock	103 / 88 / 56	103 / 80 / 51	103 / 73 / 47	103 / 67 / 43	102 / 62 / 39	99 / 57 / 36	96 / 53 / 34	94 / 49 / 31	90 / 46 / 29	83 / 43 / 27	78 / 40 / 26	69 / 35 / 23	61 / 31 / 20	54 / 28 / 18		
		27 to 45	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	81 / 81 / 81	78 / 75 / 75	76 / 70 / 70	74 / 65 / 65	71 / 61 / 61	69 / 57 / 57	61 / 50 / 50	54 / 44 / 44	48 / 40 / 40		
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	87 / 84 / 84	84 / 77 / 77	81 / 71 / 71	78 / 66 / 66	76 / 61 / 61	73 / 57 / 57	68 / 53 / 53	64 / 50 / 50	60 / 47 / 47	53 / 41 / 41	47 / 37 / 37	42 / 33 / 33		
10 psf	B	0 to 7	QMPV QBlock	85 / 85 / 85	85 / 85 / 81	85 / 85 / 74	85 / 85 / 68	85 / 85 / 62	85 / 85 / 58	85 / 85 / 53	85 / 79 / 49	85 / 74 / 46	85 / 69 / 43	85 / 64 / 40	85 / 56 / 35	85 / 50 / 31	83 / 45 / 28		
		7 to 27	QMPV QBlock	96 / 96 / 94	96 / 96 / 87	96 / 96 / 80	96 / 96 / 73	96 / 96 / 67	96 / 94 / 62	96 / 90 / 57	96 / 84 / 53	96 / 78 / 50	96 / 74 / 50	96 / 73 / 46	96 / 68 / 43	96 / 60 / 38	94 / 53 / 34	91 / 47 / 30	
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	83 / 83 / 83	78 / 75 / 75	75 / 67 / 67		
		45 to 90	QMPV QBlock	108 / 108 / 108	108 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 89 / 89	87 / 83 / 83	84 / 78 / 78	80 / 69 / 69	76 / 62 / 62	70 / 55 / 55		
		0 to 7	QMPV QBlock	85 / 85 / 62	85 / 85 / 57	85 / 83 / 52	85 / 76 / 47	85 / 70 / 44	85 / 64 / 40	85 / 60 / 37	85 / 55 / 35	85 / 52 / 32	85 / 48 / 30	84 / 45 / 28	74 / 40 / 25	65 / 35 / 22	58 / 31 / 20		
		7 to 27	QMPV QBlock	96 / 96 / 67	96 / 94 / 61	96 / 88 / 56	96 / 80 / 51	96 / 74 / 47	96 / 68 / 43	96 / 63 / 40	96 / 58 / 37	95 / 54 / 35	93 / 51 / 33	91 / 48 / 30	82 / 42 / 27	73 / 37 / 24	65 / 33 / 21		
	C	27 to 45	QMPV QBlock	104 / 104 / 104	100 / 100 / 100	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	82 / 82 / 82	79 / 78 / 78	77 / 73 / 73	75 / 68 / 68	71 / 60 / 60	64 / 53 / 53	57 / 47 / 47		
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 84 / 84	85 / 78 / 78	82 / 73 / 73	79 / 68 / 68	77 / 63 / 63	74 / 59 / 59	71 / 56 / 56	63 / 49 / 49	56 / 44 / 44	50 / 39 / 39		
		0 to 7	QMPV QBlock	85 / 84 / 52	85 / 76 / 47	85 / 69 / 43	85 / 63 / 40	85 / 58 / 37	85 / 54 / 34	85 / 50 / 31	85 / 46 / 29	81 / 43 / 27	75 / 40 / 25	70 / 38 / 24	62 / 33 / 21	55 / 29 / 19	49 / 26 / 17		
		7 to 27	QMPV QBlock	98 / 88 / 56	98 / 80 / 51	98 / 73 / 47	98 / 67 / 43	98 / 62 / 39	97 / 57 / 36	95 / 53 / 34	94 / 49 / 31	90 / 46 / 29	83 / 43 / 27	78 / 40 / 26	69 / 35 / 23	61 / 31 / 20	54 / 28 / 18		
		27 to 45	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	81 / 81 / 81	78 / 75 / 75	76 / 70 / 70	74 / 65 / 65	71 / 61 / 61	69 / 57 / 57	61 / 50 / 50	54 / 44 / 44	48 / 40 / 40		
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	87 / 84 / 84	84 / 77 / 77	81 / 71 / 71	78 / 66 / 66	76 / 61 / 61	73 / 57 / 57	68 / 53 / 53	64 / 50 / 50	60 / 47 / 47	53 / 41 / 41	47 / 37 / 37	42 / 33 / 33		
15 psf	B	0 to 7	QMPV QBlock	78 / 78 / 78	78 / 78 / 78	78 / 78 / 78	78 / 78 / 68	78 / 78 / 62	78 / 78 / 58	78 / 78 / 53	78 / 78 / 46	78 / 74 / 46	78 / 69 / 43	78 / 64 / 40	78 / 56 / 35	78 / 50 / 31	78 / 45 / 28		
		7 to 27	QMPV QBlock	89 / 89 / 89	89 / 89 / 87	89 / 89 / 80	89 / 89 / 73	89 / 89 / 67	89 / 89 / 62	89 / 89 / 57	89 / 84 / 53	89 / 78 / 50	89 / 74 / 50	89 / 73 / 46	89 / 68 / 43	89 / 60 / 38	88 / 53 / 34	86 / 47 / 30	
		27 to 45	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	83 / 83 / 83	78 / 75 / 75	75 / 67 / 67		
		45 to 90	QMPV QBlock	108 / 108 / 108	108 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 89 / 89	87 / 83 / 83	84 / 78 / 78	80 / 69 / 69	76 / 62 / 62	70 / 55 / 55		
		0 to 7	QMPV QBlock	78 / 78 / 62	78 / 78 / 57	78 / 78 / 52	78 / 76 / 47	78 / 70 / 44	78 / 64 / 40	78 / 60 / 37	78 / 55 / 35	78 / 52 / 32	78 / 48 / 30	78 / 45 / 28	74 / 40 / 25	65 / 35 / 22	58 / 31 / 20		
		7 to 27	QMPV QBlock	89 / 89 / 67	89 / 89 / 61	89 / 88 / 56	89 / 80 / 51	89 / 74 / 47	89 / 68 / 43	89 / 63 / 40	89 / 58 / 37	88 / 54 / 35	87 / 51 / 33	86 / 48 / 30	82 / 42 / 27	73 / 37 / 24	65 / 33 / 21		
	C	27 to 45	QMPV QBlock	104 / 104 / 104	100 / 100 / 100	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	87 / 87 / 87	84 / 84 / 84	82 / 82 / 82	79 / 78 / 78	77 / 73 / 73	75 / 68 / 68	71 / 60 / 60	64 / 53 / 53	57 / 47 / 47		
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 84 / 84	85 / 78 / 78	82 / 73 / 73	79 / 68 / 68	77 / 63 / 63	74 / 59 / 59	71 / 56 / 56	63 / 49 / 49	56 / 44 / 44	50 / 39 / 39		
		0 to 7	QMPV QBlock	78 / 78 / 52	78 / 76 / 47	78 / 69 / 43													

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE-Lag (Specific Gravity of Lumber Rafter = 0.50) -- 72-cell																	
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed -> Roof Zone ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	180 mph	190 mph				
				1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	
30 psf	B	0 to 7	QMPV QBlock	71 / 71 / 71	71 / 71 / 71	71 / 71 / 71	71 / 71 / 68	71 / 71 / 62	71 / 71 / 58	71 / 71 / 53	71 / 71 / 49	71 / 71 / 46	71 / 69 / 43	71 / 64 / 40	71 / 56 / 35	71 / 50 / 31	71 / 45 / 28			
		7 to 27	QMPV QBlock	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 73	76 / 76 / 67	76 / 76 / 62	76 / 76 / 57	76 / 76 / 53	76 / 76 / 50	76 / 76 / 47	76 / 76 / 46	76 / 68 / 43	76 / 60 / 38	75 / 53 / 34	73 / 47 / 30		
		27 to 45	QMPV QBlock	95 / 95 / 95	95 / 95 / 95	95 / 95 / 95	95 / 95 / 95	95 / 95 / 95	95 / 95 / 93	93 / 93 / 93	91 / 91 / 91	89 / 89 / 89	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	81 / 81 / 81	78 / 75 / 75	75 / 67 / 67		
		45 to 90	QMPV QBlock	108 / 108 / 108	105 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 89 / 89	88 / 88 / 88	86 / 86 / 86	84 / 78 / 78	80 / 69 / 69	76 / 62 / 62	70 / 55 / 55		
	C	0 to 7	QMPV QBlock	71 / 71 / 62	71 / 71 / 57	71 / 71 / 52	71 / 71 / 47	71 / 70 / 44	71 / 64 / 40	71 / 60 / 37	71 / 55 / 35	71 / 52 / 32	71 / 48 / 30	71 / 45 / 28	71 / 40 / 25	65 / 35 / 22	58 / 31 / 20			
		7 to 27	QMPV QBlock	76 / 76 / 67	76 / 76 / 61	76 / 76 / 56	76 / 76 / 51	76 / 74 / 47	76 / 68 / 43	76 / 63 / 40	76 / 58 / 37	76 / 54 / 35	76 / 50 / 31	74 / 51 / 33	73 / 48 / 30	72 / 42 / 27	65 / 33 / 24	65 / 33 / 21		
		27 to 45	QMPV QBlock	95 / 95 / 95	93 / 93 / 93	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 78 / 78	77 / 73 / 73	75 / 68 / 68	71 / 60 / 60	64 / 53 / 53	57 / 47 / 47			
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 84 / 84	85 / 78 / 78	82 / 73 / 73	79 / 68 / 68	77 / 63 / 63	74 / 59 / 59	71 / 56 / 56	63 / 49 / 49	56 / 44 / 44	50 / 39 / 39			
	D	0 to 7	QMPV QBlock	72 / 72 / 52	72 / 72 / 47	72 / 69 / 43	72 / 63 / 40	72 / 58 / 37	72 / 54 / 34	72 / 50 / 31	72 / 46 / 29	72 / 43 / 27	72 / 40 / 25	70 / 38 / 24	62 / 33 / 21	55 / 29 / 19	49 / 26 / 17			
		7 to 27	QMPV QBlock	78 / 78 / 56	78 / 78 / 51	78 / 73 / 47	78 / 67 / 43	78 / 62 / 39	78 / 57 / 36	77 / 53 / 34	76 / 49 / 31	75 / 46 / 29	74 / 43 / 27	73 / 40 / 26	69 / 35 / 23	61 / 31 / 20	54 / 28 / 18			
		27 to 45	QMPV QBlock	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	83 / 83 / 83	81 / 81 / 81	78 / 75 / 75	76 / 70 / 70	74 / 65 / 65	71 / 61 / 61	69 / 57 / 57	61 / 50 / 50	54 / 44 / 44	48 / 40 / 40			
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	87 / 84 / 84	84 / 77 / 77	81 / 71 / 71	78 / 66 / 66	76 / 61 / 61	73 / 57 / 57	68 / 53 / 53	64 / 50 / 50	60 / 47 / 47	53 / 41 / 41	47 / 37 / 37	42 / 33 / 33			
35 psf	B	0 to 7	QMPV QBlock	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67			
		7 to 27	QMPV QBlock	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 72 / 72	72 / 68 / 43	72 / 60 / 38	72 / 53 / 34	70 / 47 / 30		
		27 to 45	QMPV QBlock	91 / 91 / 91	91 / 91 / 91	91 / 91 / 91	91 / 91 / 91	91 / 91 / 91	91 / 91 / 91	90 / 90 / 90	89 / 89 / 89	87 / 87 / 87	85 / 85 / 85	84 / 84 / 84	82 / 82 / 82	79 / 79 / 79	77 / 75 / 75	74 / 67 / 67		
		45 to 90	QMPV QBlock	108 / 108 / 108	108 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 89 / 89	87 / 83 / 83	84 / 78 / 78	80 / 69 / 69	76 / 62 / 62	70 / 55 / 55			
	C	0 to 7	QMPV QBlock	67 / 67 / 62	67 / 67 / 57	67 / 67 / 52	67 / 67 / 47	67 / 64 / 44	67 / 64 / 40	67 / 60 / 37	67 / 55 / 35	67 / 52 / 32	67 / 48 / 30	67 / 45 / 28	67 / 40 / 25	65 / 35 / 22	58 / 31 / 20			
		7 to 27	QMPV QBlock	72 / 72 / 67	72 / 72 / 61	72 / 72 / 56	72 / 72 / 51	72 / 72 / 47	72 / 68 / 43	72 / 63 / 40	72 / 58 / 37	72 / 54 / 35	71 / 51 / 33	70 / 48 / 30	69 / 42 / 27	67 / 37 / 24	65 / 33 / 21			
		27 to 45	QMPV QBlock	91 / 91 / 91	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	76 / 73 / 73	74 / 68 / 68	71 / 60 / 60	64 / 53 / 53	57 / 47 / 47			
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 84 / 84	85 / 78 / 78	82 / 73 / 73	79 / 68 / 68	77 / 63 / 63	74 / 59 / 59	71 / 56 / 56	63 / 49 / 49	56 / 44 / 44	50 / 39 / 39			
	D	0 to 7	QMPV QBlock	70 / 70 / 52	70 / 70 / 47	70 / 69 / 43	70 / 63 / 40	70 / 58 / 37	70 / 54 / 34	70 / 50 / 31	70 / 46 / 29	70 / 43 / 27	70 / 40 / 25	70 / 38 / 24	62 / 33 / 21	55 / 29 / 19	49 / 26 / 17			
		7 to 27	QMPV QBlock	75 / 75 / 56	75 / 75 / 51	75 / 73 / 47	75 / 67 / 43	75 / 62 / 39	75 / 57 / 36	74 / 53 / 34	73 / 49 / 31	72 / 46 / 29	71 / 43 / 27	70 / 40 / 26	69 / 35 / 23	61 / 31 / 20	54 / 28 / 18			
		27 to 45	QMPV QBlock	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	79 / 79 / 79	78 / 75 / 75	76 / 70 / 70	74 / 65 / 65	71 / 61 / 61	69 / 57 / 57	61 / 50 / 50	54 / 44 / 44	48 / 40 / 40			
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	87 / 84 / 84	84 / 77 / 77	81 / 71 / 71	78 / 66 / 66	76 / 61 / 61	73 / 57 / 57	68 / 53 / 53	64 / 50 / 50	60 / 47 / 47	53 / 41 / 41	47 / 37 / 37	42 / 33 / 33			
40 psf	B	0 to 7	QMPV QBlock	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64	64 / 64 / 64			
		7 to 27	QMPV QBlock	10 / 70 / 10	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 68 / 43	70 / 60 / 38	69 / 53 / 34	68 / 47 / 30		
		27 to 45	QMPV QBlock	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	85 / 85 / 85	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	78 / 78 / 78	75 / 75 / 75	73 / 67 / 67		
		45 to 90	QMPV QBlock	108 / 108 / 108	108 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 89 / 89	87 / 83 / 83	84 / 78 / 78	80 / 69 / 69	76 / 62 / 62	70 / 55 / 55			
	C	0 to 7	QMPV QBlock	64 / 64 / 62	64 / 64 / 57	64 / 64 / 52	64 / 64 / 47	64 / 64 / 44	64 / 64 / 40	64 / 60 / 37	64 / 55 / 35	64 / 52 / 32	64 / 48 / 30	64 / 45 / 28	64 / 40 / 25	64 / 35 / 22	58 / 31 / 20			
		7 to 27	QMPV QBlock	10 / 70 / 10	70 / 70 / 61	70 / 70 / 56	70 / 70 / 51	70 / 70 / 47	70 / 68 / 43	70 / 63 / 40	70 / 58 / 37	69 / 54 / 35	68 / 51 / 33	68 / 48 / 30	66 / 42 / 27	65 / 37 / 24	64 / 33 / 21			
		27 to 45	QMPV QBlock	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	85 / 85 / 85	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	78 / 78 / 78	75 / 75 / 75	73 / 67 / 67		
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 84 / 84	85 / 78 / 78	82 / 73 / 73	79 / 68 / 68	77 / 63 / 63	74 / 59 / 59	71 / 56 / 56	63 / 49 / 49	56 / 44 / 44	50 / 39 / 39			
	D	0 to 7	QMPV QBlock	67 / 67 / 52	67 / 67 / 47	67 / 67 / 43	67 / 63 / 40	67 / 58 / 37	67 / 54 / 34	67 / 50 / 31	67 / 46 / 29	67 / 43 / 27	67 / 40 / 25	67 / 38 / 24	62 / 33 / 21	55 / 29 / 19	49 / 26 / 17			
		7 to 27	QMPV QBlock	72 / 72 / 56	72 / 72 / 51	72 / 72 / 47	72 / 67 / 43	72 / 62 / 39	72 / 57 / 36	71 / 53 / 34	70 / 49 / 31	70 / 46 / 29	69 / 43 / 27	68 / 40 / 26	66 / 35 / 23	61 / 31 / 20	54 / 28 / 18			
		27 to 45	QMPV QBlock	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 80 / 80	78 / 78 / 78	76 / 75 / 75	75 / 70 / 70	73 / 65 / 65	71 / 61 / 61	69 / 57 / 57	61 / 50 / 50	54 / 44 / 44	48 / 40 / 40			
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	87 / 84 / 84	84 / 77 / 77	81 / 71 / 71	78 / 66 / 66	76 / 61 / 61	73 / 57 / 57	68 / 53 / 53	64 / 50 / 50	60 / 47 / 47	53 / 41 / 41	47 / 37 / 37	42 / 33 / 33			
45 psf	B	0 to 7	QMPV QBlock	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61	61 / 61 / 61			
		7 to 27	QMPV QBlock	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67		
		27 to 45	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	80 / 80 / 80	79 / 79 / 79	76 / 76 / 76	74 / 74 / 74	71 / 67 / 67		
		45 to 90	QMPV QBlock	108 / 108 / 108	108 / 108 / 108	108 / 108 / 108	106 / 105 / 105	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	90 / 89 / 89	87 / 83 / 83	84 / 78 / 78	80 / 69 / 69	76 / 62 / 62	70 / 55 / 55			
	C	0 to 7	QMPV QBlock	61 / 61 / 61	61 / 61 / 57	61 / 61 / 52	61 / 61 / 47	61 / 61 / 44	61 / 61 / 40	61 / 60 / 37	61 / 55 / 35	61 / 52 / 32	61 / 48 / 30	61 / 45 / 28	61 / 40 / 25	61 / 35 / 22	58 / 31 / 20			
		7 to 27	QMPV QBlock	67 / 67 / 67	67 / 67 / 61	67 / 67 / 56	67 / 67 / 51	67 / 67 / 47	67 / 67 / 43	67 / 63 / 40	67 / 58 / 37	66 / 54 / 35	66 / 51 / 33	65 / 48 / 30	64 / 42 / 27	63 / 37 / 24	62 / 33 / 21			
		27 to 45	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	76 / 76 / 76	74 / 74 / 74	73 / 73 / 73	72 / 68 / 68	69 / 60 / 60	64 / 53 / 53	57 / 47 / 47		
		45 to 90	QMPV QBlock	102 / 102 / 102	98 / 98 / 98	94 / 94 / 94	91 / 91 / 91	88 / 84 / 84	85 / 78 / 78	82 / 73 / 73	79 / 68 / 68	77 / 63 / 63	74 / 59 / 59	71 / 56 / 56	63 / 49 / 49	56 / 44 / 44	50 / 39 / 39			
	D	0 to 7	QMPV QBlock	64 / 64 / 52	64 / 64 / 47	64 / 64 / 43	64 / 63 / 40	64 / 58 / 37	64 / 5											

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 0 to 30 foot Roof -- QMPV QBlock Mount QMSE-Lag (Specific Gravity of Lumber Rafter = 0.50) -- Landscape																			
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph					
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3				
30 psf	B	0 to 7	QMPV QBlock	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98				
		7 to 27	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105	105 / 105 / 105		
		27 to 45	QMPV QBlock	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	
		45 to 90	QMPV QBlock	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	
	C	0 to 7	QMPV QBlock	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98		
		7 to 27	QMPV QBlock	105 / 105 / 104	105 / 105 / 100	105 / 105 / 97	105 / 105 / 95	105 / 105 / 95	105 / 105 / 95	105 / 105 / 95	105 / 105 / 95	105 / 105 / 95	105 / 105 / 95	105 / 105 / 95	105 / 105 / 95	105 / 105 / 95	105 / 105 / 95	105 / 105 / 95	105 / 105 / 95	105 / 105 / 95	105 / 105 / 95	
		27 to 45	QMPV QBlock	125 / 125 / 125	125 / 125 / 125	124 / 124 / 124	122 / 122 / 122	120 / 120 / 120	117 / 117 / 117	115 / 114 / 114	112 / 111 / 111	109 / 109 / 109	107 / 106 / 106	104 / 104 / 104	98 / 98 / 98	93 / 93 / 93	89 / 89 / 89	85 / 85 / 85	81 / 81 / 81	77 / 77 / 77	73 / 73 / 73	69 / 69 / 69
		45 to 90	QMPV QBlock	134 / 128 / 128	131 / 124 / 124	128 / 120 / 120	124 / 117 / 117	122 / 113 / 113	118 / 110 / 110	114 / 108 / 108	110 / 105 / 105	107 / 103 / 103	103 / 100 / 100	100 / 98 / 98	95 / 94 / 94	90 / 86 / 86	85 / 81 / 81	80 / 76 / 76	75 / 71 / 71	70 / 66 / 66	65 / 61 / 61	60 / 56 / 56
	D	0 to 7	QMPV QBlock	99 / 99 / 95	99 / 99 / 92	99 / 99 / 85	99 / 99 / 78	99 / 99 / 72	99 / 96 / 67	99 / 94 / 62	99 / 91 / 57	99 / 85 / 53	99 / 79 / 50	99 / 74 / 47	99 / 65 / 41	97 / 58 / 37	95 / 52 / 33	93 / 47 / 29	91 / 41 / 24	89 / 35 / 27	87 / 30 / 22	
		7 to 27	QMPV QBlock	109 / 109 / 98	109 / 109 / 95	109 / 107 / 91	109 / 104 / 84	109 / 101 / 77	109 / 98 / 72	107 / 96 / 66	106 / 93 / 62	104 / 89 / 58	103 / 84 / 54	102 / 78 / 50	99 / 69 / 44	96 / 61 / 40	94 / 55 / 35	92 / 49 / 30	90 / 42 / 24	88 / 35 / 26	86 / 28 / 19	84 / 21 / 12
		27 to 45	QMPV QBlock	126 / 126 / 126	123 / 123 / 123	121 / 120 / 120	118 / 117 / 117	115 / 113 / 113	113 / 110 / 110	109 / 108 / 108	105 / 105 / 105	102 / 102 / 102	99 / 99 / 99	96 / 96 / 96	91 / 91 / 91	86 / 86 / 86	82 / 78 / 78	78 / 74 / 74	74 / 70 / 70	70 / 66 / 66	66 / 62 / 62	62 / 58 / 58
		45 to 90	QMPV QBlock	128 / 120 / 120	124 / 116 / 116	121 / 113 / 113	117 / 110 / 110	113 / 107 / 107	109 / 104 / 104	105 / 102 / 102	102 / 99 / 99	98 / 97 / 97	95 / 95 / 95	93 / 92 / 92	87 / 81 / 81	83 / 73 / 73	78 / 65 / 65	74 / 61 / 61	69 / 56 / 56	64 / 51 / 51	59 / 38 / 38	54 / 25 / 25
35 psf	B	0 to 7	QMPV QBlock	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94		
		7 to 27	QMPV QBlock	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101
		27 to 45	QMPV QBlock	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120
		45 to 90	QMPV QBlock	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139
	C	0 to 7	QMPV QBlock	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	
		7 to 27	QMPV QBlock	101 / 101 / 101	101 / 101 / 100	101 / 101 / 97	101 / 101 / 95	101 / 101 / 92	101 / 101 / 85	101 / 101 / 79	101 / 99 / 74	100 / 97 / 69	99 / 94 / 64	98 / 92 / 60	96 / 82 / 53	94 / 73 / 47	92 / 65 / 42	90 / 58 / 39	88 / 51 / 32	86 / 44 / 24	84 / 37 / 17	82 / 30 / 8
		27 to 45	QMPV QBlock	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	117 / 117 / 117	115 / 115 / 115	112 / 112 / 112	110 / 110 / 110	107 / 107 / 107	105 / 105 / 105	103 / 103 / 103	100 / 98 / 98	95 / 94 / 94	90 / 86 / 86	85 / 81 / 81	80 / 76 / 76	75 / 71 / 71	70 / 66 / 66	65 / 61 / 61
		45 to 90	QMPV QBlock	134 / 128 / 128	131 / 124 / 124	128 / 120 / 120	124 / 117 / 117	122 / 113 / 113	118 / 110 / 110	114 / 108 / 108	110 / 105 / 105	107 / 103 / 103	103 / 100 / 100	100 / 98 / 98	95 / 94 / 94	90 / 86 / 86	85 / 81 / 81	80 / 76 / 76	75 / 71 / 71	70 / 66 / 66	65 / 61 / 61	60 / 56 / 56
	D	0 to 7	QMPV QBlock	97 / 97 / 95	97 / 97 / 92	97 / 97 / 85	97 / 97 / 78	97 / 97 / 72	97 / 96 / 67	97 / 94 / 62	97 / 91 / 57	97 / 85 / 53	97 / 79 / 50	97 / 74 / 47	97 / 65 / 41	96 / 58 / 37	95 / 52 / 33	93 / 47 / 29	91 / 41 / 24	89 / 35 / 27	87 / 30 / 22	
		7 to 27	QMPV QBlock	104 / 104 / 98	104 / 104 / 95	104 / 104 / 91	104 / 104 / 84	104 / 101 / 77	104 / 98 / 72	103 / 96 / 66	102 / 93 / 62	100 / 89 / 58	99 / 84 / 54	98 / 78 / 50	96 / 69 / 44	93 / 61 / 40	91 / 55 / 35	89 / 48 / 29	87 / 41 / 24	85 / 34 / 15	83 / 27 / 7	81 / 20 / 1
		27 to 45	QMPV QBlock	124 / 124 / 124	122 / 122 / 122	119 / 119 / 119	116 / 116 / 116	113 / 113 / 113	110 / 110 / 110	108 / 108 / 108	105 / 105 / 105	102 / 102 / 102	99 / 99 / 99	96 / 96 / 96	91 / 91 / 91	86 / 86 / 86	82 / 78 / 78	78 / 74 / 74	74 / 70 / 70	70 / 66 / 66	66 / 62 / 62	62 / 58 / 58
		45 to 90	QMPV QBlock	128 / 120 / 120	124 / 116 / 116	121 / 113 / 113	117 / 110 / 110	113 / 107 / 107	109 / 104 / 104	105 / 102 / 102	102 / 99 / 99	98 / 97 / 97	95 / 95 / 95	93 / 92 / 92	87 / 81 / 81	83 / 73 / 73	78 / 65 / 65	74 / 61 / 61	69 / 56 / 56	64 / 51 / 51	59 / 38 / 38	54 / 25 / 25
40 psf	B	0 to 7	QMPV QBlock	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90		
		7 to 27	QMPV QBlock	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	
		27 to 45	QMPV QBlock	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116
		45 to 90	QMPV QBlock	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139	139 / 139 / 139
	C	0 to 7	QMPV QBlock	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	
		7 to 27	QMPV QBlock	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97
		27 to 45	QMPV QBlock	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	115 / 115 / 115	112 / 112 / 112	110 / 110 / 110	108 / 108 / 108	105 / 105 / 105	103 / 103 / 103	101 / 101 / 101	97 / 97 / 97	93 / 93 / 93	89 / 89 / 89	85 / 85 / 85	81 / 81 / 81	77 / 77 / 77	73 / 73 / 73	69 / 69 / 69
		45 to 90	QMPV QBlock	134 / 128 / 128	131 / 124 / 124	128 / 120 / 120	124 / 117 / 117	122 / 113 / 113	118 / 110 / 110	114 / 108 / 108	110 / 105 / 105	107 / 103 / 103	103 / 100 / 100	100 / 98 / 98	95 / 94 / 94	90 / 86 / 86	85 / 81 / 81	80 / 76 / 76	75 / 71 / 71	70 / 66 / 66	65 / 61 / 61	60 / 56 / 56
	D	0 to 7	QMPV QBlock	93 / 93 / 93	93 / 93 / 92	93 / 93 / 85	93 / 93 / 78	93 / 93 / 72	93 / 93 / 67	93 / 93 / 62	93 / 91 / 57	93 / 85 / 53	93 / 79 / 50	93 / 74 / 47	93 / 65 / 41	92 / 58 / 37	91 / 52 / 33	89 / 47 / 29	87 / 41 / 24	85 / 34 / 15	83 / 27 / 7	
		7 to 27	QMPV QBlock	100 / 100 / 98	100 / 100 / 95	100 / 100 / 91	100 / 100 / 84															

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 30 to 60 foot Roof -- QMPV QBlock Mount QMSE-Lag (Specific Gravity of Lumber Rafter = 0.50) -- 60-Cell																	
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph			
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3		
0 psf	B	0 to 7	QMPV QBlock	110 / 106 / 88	110 / 103 / 80	110 / 99 / 73	110 / 97 / 67	110 / 94 / 62	110 / 91 / 57	110 / 84 / 53	107 / 78 / 49	105 / 73 / 46	102 / 68 / 43	100 / 64 / 40	96 / 56 / 35	92 / 50 / 31	82 / 44 / 28			
		7 to 27	QMPV QBlock	112 / 108 / 92	112 / 104 / 86	112 / 101 / 79	112 / 98 / 72	112 / 96 / 66	112 / 93 / 61	112 / 89 / 57	111 / 83 / 53	109 / 77 / 49	106 / 72 / 46	103 / 67 / 43	99 / 59 / 38	95 / 52 / 34	91 / 47 / 30			
		27 to 45	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	112 / 112 / 112	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 83 / 83	84 / 78 / 78	82 / 82 / 82	78 / 75 / 75	74 / 67 / 67		
		45 to 90	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 101 / 101	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 83 / 83	84 / 78 / 78	79 / 69 / 69	75 / 62 / 62	70 / 55 / 55			
		0 to 7	QMPV QBlock	110 / 95 / 65	110 / 92 / 59	110 / 87 / 54	108 / 79 / 50	104 / 73 / 46	102 / 67 / 42	99 / 62 / 39	96 / 58 / 36	94 / 54 / 34	92 / 50 / 31	88 / 47 / 30	87 / 41 / 26	83 / 37 / 23	61 / 33 / 21			
	C	7 to 27	QMPV QBlock	112 / 97 / 70	112 / 94 / 64	112 / 91 / 58	111 / 84 / 54	108 / 77 / 49	105 / 71 / 46	103 / 66 / 42	100 / 61 / 39	97 / 57 / 37	95 / 53 / 34	93 / 50 / 32	86 / 44 / 28	76 / 39 / 25	68 / 35 / 22			
		27 to 45	QMPV QBlock	106 / 106 / 106	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 76 / 76	76 / 71 / 71	72 / 63 / 63	67 / 56 / 56	60 / 50 / 50			
		45 to 90	QMPV QBlock	104 / 103 / 103	99 / 99 / 99	96 / 96 / 96	92 / 92 / 92	89 / 89 / 89	86 / 82 / 82	83 / 77 / 77	80 / 71 / 71	78 / 67 / 67	75 / 62 / 62	73 / 59 / 59	66 / 52 / 52	59 / 46 / 46	53 / 41 / 41			
		0 to 7	QMPV QBlock	110 / 89 / 56	109 / 81 / 51	105 / 74 / 46	102 / 68 / 43	99 / 62 / 39	97 / 58 / 36	94 / 53 / 34	92 / 50 / 31	86 / 46 / 29	80 / 43 / 27	75 / 40 / 25	66 / 36 / 22	58 / 32 / 20	52 / 28 / 18			
		7 to 27	QMPV QBlock	112 / 92 / 60	112 / 86 / 55	109 / 78 / 50	106 / 72 / 46	103 / 66 / 42	100 / 61 / 39	97 / 56 / 36	95 / 52 / 34	93 / 49 / 31	89 / 46 / 29	83 / 43 / 27	73 / 38 / 24	65 / 33 / 22	58 / 30 / 19			
	5 psf	B	0 to 7	QMPV QBlock	100 / 100 / 100	96 / 96 / 96	93 / 93 / 93	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 75 / 75	76 / 70 / 70	73 / 65 / 65	71 / 61 / 61	65 / 54 / 54	58 / 48 / 48	52 / 43 / 43		
			7 to 27	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	86 / 83 / 83	83 / 77 / 77	80 / 71 / 71	78 / 66 / 66	75 / 62 / 62	73 / 57 / 57	69 / 54 / 54	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40	45 / 36 / 36		
27 to 45			QMPV QBlock	105 / 105 / 88	105 / 103 / 80	105 / 99 / 73	105 / 97 / 67	105 / 94 / 62	105 / 91 / 57	105 / 84 / 53	105 / 78 / 49	105 / 73 / 46	102 / 68 / 43	100 / 64 / 40	96 / 56 / 35	92 / 50 / 31	82 / 44 / 28			
45 to 90			QMPV QBlock	112 / 108 / 92	112 / 104 / 86	112 / 101 / 79	112 / 98 / 72	112 / 96 / 66	112 / 93 / 61	112 / 89 / 57	111 / 83 / 53	109 / 77 / 49	106 / 72 / 46	103 / 67 / 43	99 / 59 / 38	95 / 52 / 34	91 / 47 / 30			
0 to 7			QMPV QBlock	114 / 114 / 114	114 / 114 / 114	112 / 112 / 112	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 83 / 83	84 / 78 / 78	82 / 82 / 82	78 / 75 / 75	74 / 67 / 67		
C		7 to 27	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 107 / 107	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 83 / 83	84 / 78 / 78	79 / 69 / 69	75 / 62 / 62	70 / 55 / 55			
		0 to 7	QMPV QBlock	105 / 95 / 65	105 / 92 / 59	105 / 87 / 54	105 / 79 / 50	104 / 73 / 46	102 / 67 / 42	99 / 62 / 39	96 / 58 / 36	94 / 54 / 34	92 / 50 / 31	88 / 47 / 30	77 / 41 / 26	68 / 37 / 23	61 / 33 / 21			
		7 to 27	QMPV QBlock	112 / 97 / 70	112 / 94 / 64	112 / 91 / 58	111 / 84 / 54	108 / 77 / 49	105 / 71 / 46	103 / 66 / 42	100 / 61 / 39	97 / 57 / 37	95 / 53 / 34	93 / 50 / 32	86 / 44 / 28	76 / 39 / 25	68 / 35 / 22			
		27 to 45	QMPV QBlock	106 / 106 / 106	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 76 / 76	76 / 71 / 71	72 / 63 / 63	67 / 56 / 56	60 / 50 / 50			
		45 to 90	QMPV QBlock	104 / 103 / 103	99 / 99 / 99	96 / 96 / 96	92 / 92 / 92	89 / 89 / 89	86 / 82 / 82	83 / 77 / 77	80 / 71 / 71	78 / 67 / 67	75 / 62 / 62	73 / 59 / 59	66 / 52 / 52	59 / 46 / 46	53 / 41 / 41			
10 psf		B	0 to 7	QMPV QBlock	105 / 89 / 56	105 / 81 / 51	105 / 74 / 46	102 / 68 / 43	99 / 62 / 39	97 / 58 / 36	94 / 53 / 34	92 / 50 / 31	86 / 46 / 29	80 / 43 / 27	75 / 40 / 25	66 / 36 / 22	58 / 32 / 20	52 / 28 / 18		
			7 to 27	QMPV QBlock	112 / 92 / 60	112 / 86 / 55	109 / 78 / 50	106 / 72 / 46	103 / 66 / 42	100 / 61 / 39	97 / 56 / 36	95 / 52 / 34	93 / 49 / 31	89 / 46 / 29	83 / 43 / 27	73 / 38 / 24	65 / 33 / 22	58 / 30 / 19		
	27 to 45		QMPV QBlock	100 / 100 / 100	96 / 96 / 96	93 / 93 / 93	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 75 / 75	76 / 70 / 70	73 / 65 / 65	71 / 61 / 61	65 / 54 / 54	58 / 48 / 48	52 / 43 / 43			
	45 to 90		QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	86 / 83 / 83	83 / 77 / 77	80 / 71 / 71	78 / 66 / 66	75 / 62 / 62	73 / 57 / 57	69 / 54 / 54	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40	45 / 36 / 36			
	0 to 7		QMPV QBlock	104 / 104 / 92	104 / 104 / 86	104 / 101 / 79	104 / 98 / 72	104 / 96 / 66	104 / 93 / 61	104 / 89 / 57	104 / 83 / 53	104 / 77 / 49	104 / 72 / 46	103 / 67 / 43	99 / 59 / 38	95 / 52 / 34	91 / 47 / 30			
	C	7 to 27	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	112 / 112 / 112	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 83 / 83	84 / 78 / 78	82 / 82 / 82	78 / 75 / 75	74 / 67 / 67		
		0 to 7	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 107 / 107	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 83 / 83	84 / 78 / 78	79 / 69 / 69	75 / 62 / 62	70 / 55 / 55			
		7 to 27	QMPV QBlock	93 / 93 / 88	93 / 93 / 80	93 / 93 / 73	93 / 93 / 67	93 / 93 / 62	93 / 91 / 57	93 / 84 / 53	93 / 78 / 49	93 / 73 / 46	93 / 68 / 43	93 / 64 / 40	93 / 56 / 5	92 / 50 / 31	82 / 44 / 28			
		27 to 45	QMPV QBlock	104 / 104 / 92	104 / 104 / 86	104 / 101 / 79	104 / 98 / 72	104 / 96 / 66	104 / 93 / 61	104 / 89 / 57	104 / 83 / 53	104 / 77 / 49	104 / 72 / 46	103 / 67 / 43	99 / 59 / 38	95 / 52 / 34	91 / 47 / 30			
		45 to 90	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	112 / 112 / 112	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 83 / 83	84 / 78 / 78	82 / 82 / 82	78 / 75 / 75	74 / 67 / 67		
	15 psf	B	0 to 7	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 107 / 107	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 83 / 83	84 / 78 / 78	79 / 69 / 69	75 / 62 / 62	70 / 55 / 55		
			7 to 27	QMPV QBlock	93 / 93 / 65	93 / 92 / 59	93 / 87 / 54	93 / 79 / 50	93 / 73 / 46	93 / 67 / 42	93 / 62 / 39	93 / 58 / 36	93 / 54 / 34	92 / 50 / 31	88 / 47 / 30	77 / 41 / 26	68 / 37 / 23	61 / 33 / 21		
27 to 45			QMPV QBlock	104 / 97 / 70	104 / 94 / 64	104 / 91 / 58	104 / 84 / 54	104 / 77 / 49	104 / 71 / 46	103 / 66 / 42	100 / 61 / 39	97 / 57 / 37	95 / 53 / 34	93 / 50 / 32	86 / 44 / 28	76 / 39 / 25	68 / 35 / 22			
45 to 90			QMPV QBlock	106 / 106 / 106	102 / 102 / 102	99 / 99 / 99	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 76 / 76	76 / 71 / 71	72 / 63 / 63	67 / 56 / 56	60 / 50 / 50			
0 to 7			QMPV QBlock	104 / 103 / 103	99 / 99 / 99	96 / 96 / 96	92 / 92 / 92	89 / 89 / 89	86 / 82 / 82	83 / 77 / 77	80 / 71 / 71	78 / 67 / 67	75 / 62 / 62	73 / 59 / 59	66 / 52 / 52	59 / 46 / 46	53 / 41 / 41			
C		7 to 27	QMPV QBlock	93 / 89 / 56	93 / 81 / 51	93 / 74 / 46	93 / 68 / 43	93 / 62 / 39	93 / 58 / 36	93 / 53 / 34	92 / 50 / 31	86 / 46 / 29	80 / 43 / 27	75 / 40 / 25	66 / 36 / 22	58 / 32 / 20	52 / 28 / 18			
		27 to 45	QMPV QBlock	106 / 92 / 60	106 / 86 / 55	106 / 78 / 50	106 / 72 / 46	103 / 66 / 42	100 / 61 / 39	97 / 56 / 36	95 / 52 / 34	93 / 49 / 31	89 / 46 / 29	83 / 43 / 27	73 / 38 / 24	65 / 33 / 22	58 / 30 / 19			
		45 to 90	QMPV QBlock	100 / 100 / 100	96 / 96 / 96	93 / 93 / 93	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 75 / 75	76 / 70 / 70	73 / 65 / 65	71 / 61 / 61	65 / 54 / 54	58 / 48 / 48	52 / 43 / 43			
		0 to 7	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	86 / 83 / 83	83 / 77 / 77	80 / 71 / 71	78 / 66 / 66	75 / 62 / 62	73 / 57 / 57	69 / 54 / 54	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40	45 / 36 / 36			
		7 to 27	QMPV QBlock	84 / 84 / 84	84 / 84 / 80	84 / 84 / 73	84 / 84 / 67	84 / 84 / 62	84 / 84 / 57	84 / 84 / 53	84 / 78 / 49	84 / 73 / 46	84 / 68 / 43	84 / 64 / 40	84 / 56 / 35	84 / 50 / 31	82 / 44 / 28			
20 psf		B	0 to 7	QMPV QBlock	114 / 114 / 114	114 / 114 / 114	112 / 112 / 112	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 83 / 83	84 / 78 / 78	82 / 82 / 82	78 / 75 / 75	74 / 67 / 67	
			7 to 27	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 107 / 107	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 83 / 83	84 / 78 / 78	79 / 69 / 69	75 / 62 / 62	70 / 55 / 55		
	27 to 45		QMPV QBlock	84 / 84 / 65	84 / 84 / 59	84 / 84 / 54	84 / 79 / 50	84 / 73 / 46	84 / 67 / 42	84 / 62 / 39	84 / 58 / 36	84 / 54 / 34	84 / 50 / 32	84 / 47 / 30	77 / 41 / 26	68 / 37 / 23	61 / 33 / 21			
	45 to 90		QMPV QBlock	97 / 97 / 70	97 / 94 / 64	97 / 91 / 58	97 / 84 / 54	97 / 77 / 49	97 / 71 / 46	96 / 66 / 42	94 / 61 / 39	93 / 57 / 37	91 / 53 / 34	90 / 50 / 32	86 / 44 / 28	76 / 39 / 25				

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 30 to 60 foot Roof -- QMPV QBlock Mount QMSE-Lag (Specific Gravity of Lumber Rafter = 0.50) -- 60-Cell																		
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph				
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3		
30 psf	B	0 to 7	QMPV QBlock	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77	77 / 77 / 77			
		7 to 27	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82		
		27 to 45	QMPV QBlock	103 / 103 / 103	103 / 103 / 103	102 / 102 / 102	100 / 100 / 100	98 / 98 / 98	96 / 96 / 96	94 / 94 / 94	92 / 92 / 92	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 80 / 80	78 / 78 / 78	76 / 76 / 76	74 / 74 / 74	
		45 to 90	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 107 / 107	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	74 / 74 / 74	72 / 72 / 72	70 / 70 / 70	
	C	0 to 7	QMPV QBlock	77 / 77 / 65	77 / 77 / 59	77 / 77 / 54	77 / 77 / 50	77 / 77 / 46	77 / 77 / 42	77 / 77 / 38	77 / 77 / 34	77 / 77 / 30	77 / 77 / 26	77 / 77 / 22	77 / 77 / 18	77 / 77 / 14	77 / 77 / 10	77 / 77 / 6	77 / 77 / 2		
		7 to 27	QMPV QBlock	82 / 82 / 70	82 / 82 / 64	82 / 82 / 58	82 / 82 / 52	82 / 82 / 46	82 / 82 / 40	82 / 82 / 34	82 / 82 / 28	82 / 82 / 22	82 / 82 / 16	82 / 82 / 10	82 / 82 / 4	82 / 82 / 0	82 / 82 / 0	82 / 82 / 0	82 / 82 / 0	82 / 82 / 0	
		27 to 45	QMPV QBlock	99 / 99 / 89	96 / 96 / 96	94 / 94 / 94	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	74 / 74 / 74	72 / 72 / 72	70 / 70 / 70	68 / 68 / 68	66 / 66 / 66	64 / 64 / 64	
		45 to 90	QMPV QBlock	104 / 103 / 103	99 / 99 / 99	96 / 96 / 96	92 / 92 / 92	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 78 / 78	76 / 76 / 76	74 / 74 / 74	72 / 72 / 72	70 / 70 / 70	68 / 68 / 68	66 / 66 / 66	64 / 64 / 64	62 / 62 / 62	
	D	0 to 7	QMPV QBlock	78 / 78 / 56	78 / 78 / 51	78 / 74 / 46	78 / 68 / 43	78 / 62 / 39	78 / 58 / 36	78 / 53 / 34	78 / 50 / 31	78 / 46 / 29	78 / 43 / 27	75 / 40 / 25	66 / 36 / 22	58 / 32 / 20	52 / 28 / 18	46 / 30 / 19	40 / 25 / 12	34 / 20 / 8	
		7 to 27	QMPV QBlock	85 / 85 / 60	85 / 85 / 55	85 / 78 / 50	85 / 72 / 46	84 / 66 / 42	83 / 61 / 39	82 / 56 / 36	81 / 52 / 34	80 / 49 / 31	79 / 46 / 29	77 / 43 / 27	73 / 38 / 24	65 / 33 / 22	58 / 30 / 19	52 / 43 / 43	46 / 30 / 19	40 / 25 / 12	
		27 to 45	QMPV QBlock	97 / 97 / 97	94 / 94 / 94	91 / 91 / 91	89 / 89 / 89	86 / 86 / 86	83 / 83 / 83	81 / 81 / 81	78 / 75 / 75	76 / 70 / 70	73 / 65 / 65	71 / 61 / 61	65 / 54 / 54	58 / 48 / 48	52 / 43 / 43	46 / 30 / 19	40 / 25 / 12	34 / 20 / 8	
		45 to 90	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	86 / 83 / 83	83 / 77 / 77	80 / 71 / 71	78 / 66 / 66	75 / 62 / 62	73 / 57 / 57	69 / 54 / 54	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40	45 / 36 / 36	39 / 28 / 18	33 / 22 / 12	27 / 18 / 8	
35 psf	B	0 to 7	QMPV QBlock	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73		
		7 to 27	QMPV QBlock	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	79 / 79 / 79	
		27 to 45	QMPV QBlock	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	99 / 99 / 99	
		45 to 90	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 107 / 107	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 83 / 83	84 / 78 / 78	79 / 69 / 69	75 / 62 / 62	70 / 55 / 55	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40	45 / 36 / 36
	C	0 to 7	QMPV QBlock	73 / 73 / 65	73 / 73 / 59	73 / 73 / 54	73 / 73 / 50	73 / 73 / 46	73 / 73 / 42	73 / 73 / 38	73 / 73 / 34	73 / 73 / 30	73 / 73 / 26	73 / 73 / 22	73 / 73 / 18	73 / 73 / 14	73 / 73 / 10	73 / 73 / 6	73 / 73 / 2	73 / 73 / 0	
		7 to 27	QMPV QBlock	79 / 79 / 70	79 / 79 / 64	79 / 79 / 58	79 / 79 / 54	79 / 79 / 49	79 / 79 / 46	79 / 79 / 42	79 / 79 / 38	79 / 79 / 34	79 / 79 / 30	79 / 79 / 26	79 / 79 / 22	79 / 79 / 18	79 / 79 / 14	79 / 79 / 10	79 / 79 / 6	79 / 79 / 2	
		27 to 45	QMPV QBlock	96 / 96 / 96	94 / 94 / 94	92 / 92 / 92	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 80 / 80	78 / 76 / 76	76 / 74 / 74	74 / 72 / 72	72 / 68 / 68	66 / 56 / 56	60 / 50 / 50	54 / 44 / 44	48 / 38 / 38	42 / 32 / 32
		45 to 90	QMPV QBlock	104 / 103 / 103	99 / 99 / 99	96 / 96 / 96	92 / 92 / 92	89 / 89 / 89	86 / 82 / 82	83 / 77 / 77	80 / 71 / 71	78 / 67 / 67	75 / 62 / 62	73 / 59 / 59	66 / 52 / 52	59 / 46 / 46	53 / 41 / 41	47 / 37 / 37	41 / 31 / 31	35 / 25 / 25	29 / 19 / 19
	D	0 to 7	QMPV QBlock	76 / 76 / 56	76 / 76 / 51	76 / 74 / 46	76 / 68 / 43	76 / 62 / 39	76 / 58 / 36	76 / 53 / 34	76 / 50 / 31	76 / 46 / 29	76 / 43 / 27	75 / 40 / 25	66 / 36 / 22	58 / 32 / 20	52 / 28 / 18	46 / 30 / 19	40 / 25 / 12	34 / 20 / 8	
		7 to 27	QMPV QBlock	82 / 82 / 60	82 / 82 / 55	82 / 78 / 50	82 / 72 / 46	81 / 66 / 42	80 / 61 / 39	79 / 56 / 36	78 / 52 / 34	77 / 49 / 31	76 / 46 / 29	75 / 43 / 27	73 / 38 / 24	65 / 33 / 22	58 / 30 / 19	52 / 43 / 43	46 / 30 / 19	40 / 25 / 12	
		27 to 45	QMPV QBlock	95 / 95 / 95	92 / 92 / 92	90 / 90 / 90	87 / 87 / 87	85 / 85 / 85	83 / 83 / 83	81 / 81 / 81	78 / 75 / 75	76 / 70 / 70	73 / 65 / 65	71 / 61 / 61	65 / 54 / 54	58 / 48 / 48	52 / 43 / 43	46 / 30 / 19	40 / 25 / 12	34 / 20 / 8	
		45 to 90	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	86 / 83 / 83	83 / 77 / 77	80 / 71 / 71	78 / 66 / 66	75 / 62 / 62	73 / 57 / 57	69 / 54 / 54	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40	45 / 36 / 36	39 / 28 / 18	33 / 22 / 12	27 / 18 / 8	
40 psf	B	0 to 7	QMPV QBlock	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70	70 / 70 / 70		
		7 to 27	QMPV QBlock	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	76 / 76 / 76	
		27 to 45	QMPV QBlock	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	
		45 to 90	QMPV QBlock	117 / 114 / 114	114 / 110 / 110	109 / 107 / 107	105 / 104 / 104	102 / 101 / 101	98 / 98 / 98	95 / 95 / 95	92 / 92 / 92	89 / 89 / 89	86 / 83 / 83	84 / 78 / 78	79 / 69 / 69	75 / 62 / 62	70 / 55 / 55	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40	45 / 36 / 36
	C	0 to 7	QMPV QBlock	70 / 70 / 65	70 / 70 / 59	70 / 70 / 54	70 / 70 / 50	70 / 70 / 46	70 / 70 / 42	70 / 70 / 38	70 / 70 / 34	70 / 70 / 30	70 / 70 / 26	70 / 70 / 22	70 / 70 / 18	70 / 70 / 14	70 / 70 / 10	70 / 70 / 6	70 / 70 / 2	70 / 70 / 0	
		7 to 27	QMPV QBlock	76 / 76 / 70	76 / 76 / 64	76 / 76 / 58	76 / 76 / 54	76 / 76 / 49	76 / 76 / 46	76 / 76 / 42	76 / 76 / 38	76 / 76 / 34	76 / 76 / 30	76 / 76 / 26	76 / 76 / 22	76 / 76 / 18	76 / 76 / 14	76 / 76 / 10	76 / 76 / 6	76 / 76 / 2	
		27 to 45	QMPV QBlock	93 / 93 / 93	92 / 92 / 92	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 80 / 80	78 / 79 / 79	77 / 76 / 76	75 / 71 / 71	72 / 63 / 63	67 / 56 / 56	60 / 50 / 50	54 / 44 / 44	48 / 38 / 38	42 / 32 / 32	
		45 to 90	QMPV QBlock	104 / 103 / 103	99 / 99 / 99	96 / 96 / 96	92 / 92 / 92	89 / 89 / 89	86 / 82 / 82	83 / 77 / 77	80 / 71 / 71	78 / 67 / 67	75 / 62 / 62	73 / 59 / 59	66 / 52 / 52	59 / 46 / 46	53 / 41 / 41	47 / 37 / 37	41 / 31 / 31	35 / 25 / 25	29 / 19 / 19
	D	0 to 7	QMPV QBlock	73 / 73 / 56	73 / 73 / 51	73 / 73 / 46	73 / 68 / 43	73 / 62 / 39	73 / 58 / 36	73 / 53 / 34	73 / 50 / 31	73 / 46 / 29	73 / 43 / 27	73 / 40 / 25	66 / 36 / 22	58 / 32 / 20	52 / 28 / 18	46 / 30 / 19	40 / 25 / 12	34 / 20 / 8	
		7 to 27	QMPV QBlock	78 / 78 / 60	78 / 78 / 55	78 / 78 / 50	78 / 72 / 46	78 / 66 / 42	77 / 61 / 39	76 / 56 / 36	75 / 52 / 34	74 / 49 / 31	73 / 46 / 29	72 / 43 / 27	70 / 38 / 24	65 / 33 / 22	58 / 30 / 19	52 / 43 / 43	46 / 30 / 19	40 / 25 / 12	
		27 to 45	QMPV QBlock	93 / 93 / 93	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 80 / 80	78 / 75 / 75	76 / 70 / 70	73 / 65 / 65	71 / 61 / 61	65 / 54 / 54	58 / 48 / 48	52 / 43 / 43	46 / 30 / 19	40 / 25 / 12	34 / 20 / 8	
		45 to 90	QMPV QBlock	97 / 97 / 97	93 / 93 / 93	90 / 90 / 90	86 / 83 / 83	83 / 77 / 77	80 / 71 / 71	78 / 66 / 66	75 / 62 / 62	73 / 57 / 57	69 / 54 / 54	64 / 50 / 50	57 / 45 / 45	51 / 40 / 40	45 / 36 / 36	39 / 28 / 18	33 / 22 / 12	27 / 18 / 8	
45 psf	B	0 to 7	QMPV QBlock	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67	67 / 67 / 67		
		7 to 27	QMPV QBlock	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	73 / 73 / 73	
		27 to 45	QMPV QBlock	89 / 89 / 89	89 / 89 / 89	89 / 89 / 89															

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 30 to 60 foot Roof -- QMPV QBlock Mount QMSE-Lag (Specific Gravity of Lumber Rafter = 0.50) -- 72-Cell																
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph		
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	
30 psf	B	0 to 7	QMPV QBlock	71 / 71 / 71	71 / 71 / 66	71 / 71 / 60	71 / 71 / 55	71 / 71 / 51	71 / 71 / 47	71 / 69 / 43	71 / 64 / 40	71 / 60 / 38	71 / 56 / 35	71 / 52 / 33	71 / 46 / 29	71 / 41 / 26	68 / 36 / 23		
		7 to 27	QMPV QBlock	76 / 76 / 76	76 / 76 / 71	76 / 76 / 65	76 / 76 / 59	76 / 76 / 55	76 / 76 / 50	76 / 73 / 47	76 / 68 / 43	76 / 63 / 40	76 / 59 / 38	75 / 55 / 35	74 / 49 / 31	72 / 43 / 28	71 / 38 / 25		
		27 to 45	QMPV QBlock	95 / 95 / 95	95 / 95 / 95	94 / 94 / 94	92 / 92 / 92	90 / 90 / 90	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	76 / 69 / 69	72 / 62 / 62	67 / 57 / 55		
		45 to 90	QMPV QBlock	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	97 / 97 / 97	94 / 94 / 94	90 / 90 / 90	87 / 84 / 84	85 / 84 / 84	82 / 73 / 73	80 / 68 / 68	77 / 64 / 64	72 / 57 / 57	65 / 51 / 51	58 / 45 / 45		
	C	0 to 7	QMPV QBlock	71 / 71 / 54	71 / 71 / 49	71 / 71 / 45	71 / 65 / 41	71 / 60 / 38	71 / 55 / 35	71 / 51 / 32	71 / 48 / 30	71 / 44 / 28	71 / 41 / 26	71 / 39 / 24	63 / 34 / 21	56 / 30 / 19	50 / 27 / 17		
		7 to 27	QMPV QBlock	76 / 76 / 58	76 / 76 / 52	76 / 75 / 48	76 / 69 / 44	76 / 63 / 41	76 / 59 / 37	76 / 54 / 35	74 / 50 / 32	73 / 47 / 30	72 / 44 / 28	71 / 41 / 26	70 / 36 / 23	62 / 32 / 21	56 / 29 / 18		
		27 to 45	QMPV QBlock	91 / 91 / 91	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	80 / 80 / 80	78 / 77 / 77	76 / 72 / 72	74 / 67 / 67	72 / 62 / 62	70 / 58 / 58	62 / 51 / 51	55 / 46 / 46	49 / 41 / 41		
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	88 / 86 / 86	85 / 79 / 79	82 / 73 / 73	79 / 68 / 68	76 / 63 / 63	74 / 59 / 59	70 / 55 / 55	65 / 51 / 51	61 / 48 / 48	54 / 43 / 43	48 / 38 / 38	43 / 34 / 34		
	D	0 to 7	QMPV QBlock	72 / 72 / 46	72 / 67 / 42	72 / 61 / 38	72 / 56 / 35	72 / 51 / 32	72 / 47 / 30	72 / 44 / 28	72 / 41 / 26	71 / 38 / 24	66 / 35 / 22	62 / 33 / 21	54 / 29 / 18	48 / 26 / 16	43 / 23 / 15		
		7 to 27	QMPV QBlock	78 / 77 / 49	78 / 70 / 45	78 / 64 / 41	78 / 59 / 38	78 / 54 / 35	76 / 50 / 32	75 / 46 / 30	74 / 43 / 28	73 / 40 / 26	72 / 37 / 24	68 / 35 / 23	60 / 31 / 20	53 / 27 / 18	48 / 25 / 16		
		27 to 45	QMPV QBlock	89 / 89 / 89	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	79 / 77 / 77	77 / 71 / 71	74 / 66 / 66	72 / 62 / 62	69 / 57 / 57	65 / 53 / 53	61 / 50 / 50	53 / 44 / 44	47 / 39 / 39	42 / 35 / 35		
		45 to 90	QMPV QBlock	89 / 88 / 88	86 / 81 / 81	83 / 74 / 74	79 / 68 / 68	77 / 63 / 63	74 / 58 / 58	69 / 54 / 54	64 / 51 / 51	60 / 47 / 47	56 / 44 / 44	53 / 41 / 41	47 / 37 / 37	42 / 33 / 33	37 / 29 / 29		
35 psf	B	0 to 7	QMPV QBlock	67 / 67 / 67	67 / 67 / 66	67 / 67 / 60	67 / 67 / 55	67 / 67 / 51	67 / 67 / 47	67 / 67 / 43	67 / 64 / 40	67 / 60 / 38	67 / 56 / 35	67 / 52 / 33	67 / 46 / 29	67 / 41 / 26	67 / 36 / 23		
		7 to 27	QMPV QBlock	72 / 72 / 72	72 / 72 / 71	72 / 72 / 65	72 / 72 / 59	72 / 72 / 55	72 / 72 / 50	72 / 72 / 47	72 / 68 / 43	72 / 63 / 40	72 / 59 / 38	72 / 55 / 35	71 / 49 / 31	69 / 43 / 28	68 / 38 / 25		
		27 to 45	QMPV QBlock	91 / 91 / 91	91 / 91 / 91	91 / 91 / 91	89 / 89 / 89	88 / 88 / 88	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	78 / 78 / 78	75 / 69 / 69	72 / 62 / 62	67 / 55 / 55		
		45 to 90	QMPV QBlock	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	97 / 97 / 97	94 / 94 / 94	90 / 90 / 90	87 / 84 / 84	85 / 78 / 78	82 / 73 / 73	80 / 68 / 68	77 / 64 / 64	72 / 57 / 57	65 / 51 / 51	58 / 45 / 45		
	C	0 to 7	QMPV QBlock	67 / 67 / 54	67 / 67 / 49	67 / 67 / 45	67 / 65 / 41	67 / 60 / 38	67 / 55 / 35	67 / 51 / 32	67 / 48 / 30	67 / 44 / 28	67 / 41 / 26	67 / 39 / 24	63 / 34 / 21	56 / 30 / 19	50 / 27 / 17		
		7 to 27	QMPV QBlock	72 / 72 / 58	72 / 72 / 52	72 / 72 / 48	72 / 69 / 44	72 / 63 / 41	72 / 59 / 37	72 / 54 / 35	71 / 50 / 32	70 / 47 / 30	69 / 44 / 28	69 / 41 / 26	67 / 36 / 23	62 / 32 / 21	56 / 29 / 18		
		27 to 45	QMPV QBlock	89 / 89 / 89	87 / 87 / 87	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	75 / 72 / 72	73 / 67 / 67	72 / 62 / 62	70 / 58 / 58	62 / 51 / 51	55 / 46 / 46	49 / 41 / 41		
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	88 / 86 / 86	85 / 79 / 79	82 / 73 / 73	79 / 68 / 68	76 / 63 / 63	74 / 59 / 59	70 / 55 / 55	65 / 51 / 51	61 / 48 / 48	54 / 43 / 43	48 / 38 / 38	43 / 34 / 34		
	D	0 to 7	QMPV QBlock	70 / 70 / 46	70 / 67 / 42	70 / 61 / 38	70 / 56 / 35	70 / 51 / 32	70 / 47 / 30	70 / 44 / 28	70 / 41 / 26	70 / 38 / 24	66 / 35 / 22	62 / 33 / 21	54 / 29 / 18	48 / 26 / 16	43 / 23 / 15		
		7 to 27	QMPV QBlock	75 / 75 / 49	75 / 70 / 45	75 / 64 / 41	75 / 59 / 38	74 / 54 / 35	73 / 50 / 32	72 / 46 / 30	72 / 43 / 28	71 / 40 / 26	70 / 37 / 24	68 / 35 / 23	60 / 31 / 20	53 / 27 / 18	48 / 25 / 16		
		27 to 45	QMPV QBlock	87 / 87 / 87	85 / 85 / 85	82 / 82 / 82	80 / 80 / 80	78 / 77 / 77	76 / 73 / 71	74 / 66 / 66	72 / 62 / 62	69 / 57 / 57	65 / 53 / 53	61 / 50 / 50	53 / 44 / 44	47 / 39 / 39	42 / 35 / 35		
		45 to 90	QMPV QBlock	89 / 88 / 88	86 / 81 / 81	83 / 74 / 74	79 / 68 / 68	77 / 63 / 63	74 / 58 / 58	69 / 54 / 54	64 / 51 / 51	60 / 47 / 47	56 / 44 / 44	53 / 41 / 41	47 / 37 / 37	42 / 33 / 33	37 / 29 / 29		
40 psf	B	0 to 7	QMPV QBlock	64 / 64 / 64	64 / 64 / 64	64 / 64 / 60	64 / 64 / 55	64 / 64 / 51	64 / 64 / 47	64 / 64 / 43	64 / 64 / 40	64 / 60 / 38	64 / 56 / 35	64 / 52 / 33	64 / 46 / 29	64 / 41 / 26	64 / 36 / 23		
		7 to 27	QMPV QBlock	70 / 70 / 70	70 / 70 / 70	70 / 70 / 65	70 / 70 / 59	70 / 70 / 55	70 / 70 / 50	70 / 70 / 47	70 / 68 / 43	70 / 63 / 40	70 / 59 / 38	69 / 55 / 35	68 / 49 / 31	67 / 43 / 28	65 / 38 / 25		
		27 to 45	QMPV QBlock	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	86 / 86 / 86	84 / 84 / 84	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	78 / 78 / 78	76 / 76 / 76	73 / 69 / 69	71 / 62 / 62	67 / 55 / 55		
		45 to 90	QMPV QBlock	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	97 / 97 / 97	94 / 94 / 94	90 / 90 / 90	87 / 84 / 84	85 / 78 / 78	82 / 73 / 73	80 / 68 / 68	77 / 64 / 64	72 / 57 / 57	65 / 51 / 51	58 / 45 / 45		
	C	0 to 7	QMPV QBlock	64 / 64 / 54	64 / 64 / 49	64 / 64 / 45	64 / 64 / 41	64 / 60 / 38	64 / 55 / 35	64 / 51 / 32	64 / 48 / 30	64 / 44 / 28	64 / 41 / 26	64 / 39 / 24	63 / 34 / 21	56 / 30 / 19	50 / 27 / 17		
		7 to 27	QMPV QBlock	70 / 70 / 58	70 / 70 / 52	70 / 70 / 48	70 / 69 / 44	70 / 63 / 41	70 / 59 / 37	69 / 54 / 35	68 / 50 / 32	67 / 47 / 30	67 / 44 / 28	66 / 41 / 26	65 / 36 / 23	62 / 32 / 21	56 / 29 / 18		
		27 to 45	QMPV QBlock	86 / 86 / 86	84 / 84 / 84	83 / 83 / 83	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	75 / 75 / 75	74 / 72 / 72	72 / 67 / 67	71 / 62 / 62	69 / 58 / 58	62 / 51 / 51	55 / 46 / 46	49 / 41 / 41		
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	88 / 86 / 86	85 / 79 / 79	82 / 73 / 73	79 / 68 / 68	76 / 63 / 63	74 / 59 / 59	70 / 55 / 55	65 / 51 / 51	61 / 48 / 48	54 / 43 / 43	48 / 38 / 38	43 / 34 / 34		
	D	0 to 7	QMPV QBlock	67 / 67 / 46	67 / 67 / 42	67 / 61 / 38	67 / 56 / 35	67 / 51 / 32	67 / 47 / 30	67 / 44 / 28	67 / 41 / 26	67 / 38 / 24	66 / 35 / 22	62 / 33 / 21	54 / 29 / 18	48 / 26 / 16	43 / 23 / 15		
		7 to 27	QMPV QBlock	72 / 72 / 49	72 / 70 / 45	72 / 64 / 41	72 / 59 / 38	72 / 54 / 35	71 / 50 / 32	70 / 46 / 30	69 / 43 / 28	68 / 40 / 26	67 / 37 / 24	66 / 35 / 23	60 / 31 / 20	53 / 27 / 18	48 / 25 / 16		
		27 to 45	QMPV QBlock	85 / 85 / 85	83 / 83 / 83	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	75 / 73 / 71	73 / 66 / 66	72 / 62 / 62	69 / 57 / 57	65 / 53 / 53	61 / 50 / 50	53 / 44 / 44	47 / 39 / 39	42 / 35 / 35		
		45 to 90	QMPV QBlock	89 / 88 / 88	86 / 81 / 81	83 / 74 / 74	79 / 68 / 68	77 / 63 / 63	74 / 58 / 58	69 / 54 / 54	64 / 51 / 51	60 / 47 / 47	56 / 44 / 44	53 / 41 / 41	47 / 37 / 37	42 / 33 / 33	37 / 29 / 29		
45 psf	B	0 to 7	QMPV QBlock	61 / 61 / 61	61 / 61 / 61	61 / 61 / 60	61 / 61 / 55	61 / 61 / 51	61 / 61 / 47	61 / 61 / 43	61 / 61 / 40	61 / 60 / 38	61 / 56 / 35	61 / 52 / 33	61 / 46 / 29	61 / 41 / 26	61 / 36 / 23		
		7 to 27	QMPV QBlock	67 / 67 / 67	67 / 67 / 67	67 / 67 / 65	67 / 67 / 59	67 / 67 / 55	67 / 67 / 50	67 / 67 / 47	67 / 67 / 43	67 / 63 / 40	67 / 59 / 38	67 / 55 / 35	66 / 49 / 31	64 / 43 / 28	63 / 38 / 25		
		27 to 45	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	78 / 78 / 78	76 / 76 / 76	75 / 75 / 75	72 / 69 / 69	69 / 62 / 62	67 / 55 / 55			
		45 to 90	QMPV QBlock	108 / 108 / 108	104 / 104 / 104	101 / 101 / 101	97 / 97 / 97	94 / 94 / 94	90 / 90 / 90	87 / 84 / 84	85 / 78 / 78	82 / 73 / 73	80 / 68 / 68	77 / 64 / 64	72 / 57 / 57	65 / 51 / 51	58 / 45 / 45		
	C	0 to 7	QMPV QBlock	61 / 61 / 54	61 / 61 / 49	61 / 61 / 45	61 / 61 / 41	61 / 60 / 38	61 / 55 / 35	61 / 51 / 32	61 / 48 / 30	61 / 44 / 28	61 / 41 / 26	61 / 39 / 24	61 / 34 / 21	56 / 30 / 19	50 / 27 / 17		
		7 to 27	QMPV QBlock	67 / 67 / 58	67 / 67 / 52	67 / 67 / 48	67 / 67 / 44	67 / 63 / 41	67 / 59 / 37	66 / 54 / 35	66 / 50 / 32	65 / 47 / 30	64 / 44 / 28	64 / 41 / 26	63 / 36 / 23	61 / 32 / 21	56 / 29 / 18		
		27 to 45	QMPV QBlock	82 / 82 / 82	82 / 82 / 82	81 / 81 / 81	79 / 79 / 79	77 / 77 / 77	76 / 76 / 76	74 / 74 / 74	73 / 72 / 72	71 / 67 / 67	70 / 62 / 62	68 / 58 / 58	62 / 51 / 51	55 / 46 / 46	49 / 41 / 41		
		45 to 90	QMPV QBlock	95 / 95 / 95	91 / 91 / 91	88 / 86 / 86	85 / 79 / 79	82 / 73 / 73	79 / 68 / 68	76 / 63 / 63	74 / 59 / 59	70 / 55 / 55	65 / 51 / 51	61 / 48 / 48	54 / 43 / 43	48 / 38 / 38	43 / 34 / 34		
	D	0 to 7	QMPV QBlock	64 / 64 / 46	64 / 64 / 42	64 / 61 / 38	64 / 56 / 35	64 / 51 / 32	64 / 47 / 30	64 / 44 / 28	64 / 41 / 26	64 / 38 / 24	64 / 35 / 22	62 / 33 / 21	54 / 29 / 18	48 / 26 / 16	43 / 23 / 15		
		7 to 27	QMPV QBlock	70 / 70 / 49	70 / 70 / 45	70 / 64 / 41													

Maximum Rail Spans			SnapRack UR-60 Rail Flush-Mount on 30 to 60 Foot Roof -- QMPV QBlock Mount QMSE-Lag (Specific Gravity of Lumber Rafter = 0.50) -- Landscape																	
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph			
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3		
0 psf	B	0 to 7	QMPV QBlock	134 / 125 / 106	134 / 121 / 103	134 / 117 / 100	134 / 114 / 97	134 / 111 / 94	134 / 108 / 92	130 / 105 / 85	127 / 102 / 79	123 / 100 / 74	120 / 98 / 69	118 / 95 / 65	113 / 90 / 57	108 / 80 / 51	104 / 71 / 45			
		7 to 27	QMPV QBlock	135 / 123 / 106	135 / 119 / 102	135 / 116 / 100	135 / 113 / 97	135 / 110 / 94	135 / 107 / 92	131 / 104 / 85	128 / 102 / 79	125 / 99 / 74	122 / 97 / 69	120 / 94 / 74	117 / 91 / 61	112 / 85 / 54	108 / 76 / 49	105 / 95 / 95	104 / 71 / 45	
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	135 / 134 / 134	132 / 130 / 130	129 / 127 / 127	126 / 123 / 123	124 / 120 / 120	121 / 117 / 117	118 / 114 / 114	114 / 112 / 112	111 / 109 / 109	105 / 105 / 105	105 / 105 / 105	104 / 100 / 100	100 / 100 / 100	95 / 95 / 95	91 / 89 / 89
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 119 / 119	124 / 116 / 116	121 / 113 / 113	118 / 110 / 110	114 / 108 / 108	111 / 105 / 105	107 / 103 / 103	101 / 99 / 99	96 / 95 / 95	91 / 89 / 89	86 / 86 / 86	81 / 77 / 77	77 / 69 / 69
	C	0 to 7	QMPV QBlock	134 / 112 / 96	134 / 109 / 94	131 / 105 / 87	127 / 102 / 80	123 / 100 / 74	120 / 97 / 68	117 / 94 / 63	114 / 92 / 59	111 / 87 / 55	108 / 81 / 51	106 / 76 / 48	101 / 67 / 42	97 / 59 / 38	94 / 53 / 34			
		7 to 27	QMPV QBlock	135 / 114 / 98	135 / 111 / 95	135 / 107 / 92	131 / 104 / 86	127 / 101 / 80	124 / 99 / 74	121 / 96 / 68	118 / 94 / 63	115 / 92 / 59	112 / 86 / 55	110 / 80 / 52	105 / 71 / 46	101 / 63 / 41	97 / 56 / 36			
		27 to 45	QMPV QBlock	131 / 129 / 129	127 / 125 / 125	124 / 121 / 121	121 / 117 / 117	117 / 114 / 114	113 / 111 / 111	110 / 108 / 108	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	92 / 92 / 92	87 / 87 / 87	83 / 80 / 80			
		45 to 90	QMPV QBlock	128 / 121 / 121	125 / 117 / 117	122 / 114 / 114	118 / 111 / 111	114 / 108 / 108	110 / 105 / 105	106 / 102 / 102	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	88 / 84 / 84	83 / 75 / 75	79 / 67 / 67			
	D	0 to 7	QMPV QBlock	132 / 107 / 90	128 / 103 / 82	124 / 100 / 75	120 / 97 / 69	117 / 95 / 63	114 / 92 / 59	111 / 86 / 54	108 / 80 / 51	105 / 75 / 47	103 / 70 / 44	101 / 65 / 41	97 / 57 / 36	93 / 51 / 32	84 / 46 / 29			
		7 to 27	QMPV QBlock	135 / 109 / 94	133 / 105 / 88	128 / 102 / 81	125 / 99 / 74	121 / 97 / 68	118 / 94 / 63	115 / 91 / 59	112 / 85 / 54	109 / 79 / 51	107 / 74 / 47	104 / 69 / 44	100 / 61 / 39	96 / 54 / 35	92 / 48 / 31			
		27 to 45	QMPV QBlock	126 / 122 / 122	122 / 119 / 119	118 / 115 / 115	114 / 112 / 112	110 / 109 / 109	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	94 / 94 / 94	91 / 91 / 91	86 / 86 / 86	81 / 77 / 77	77 / 69 / 69			
		45 to 90	QMPV QBlock	123 / 115 / 115	119 / 112 / 112	115 / 108 / 108	110 / 105 / 105	106 / 103 / 103	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	90 / 87 / 87	87 / 81 / 81	82 / 72 / 72	78 / 64 / 64	73 / 58 / 58			
5 psf	B	0 to 7	QMPV QBlock	130 / 117 / 100	130 / 117 / 100	130 / 114 / 97	130 / 111 / 94	130 / 108 / 92	130 / 105 / 85	127 / 102 / 79	123 / 100 / 74	120 / 98 / 69	118 / 95 / 65	113 / 90 / 57	108 / 80 / 51	104 / 71 / 45				
		7 to 27	QMPV QBlock	135 / 127 / 109	135 / 123 / 106	135 / 119 / 102	135 / 116 / 100	135 / 113 / 97	135 / 110 / 94	135 / 107 / 92	131 / 104 / 85	128 / 102 / 79	125 / 99 / 74	122 / 97 / 69	117 / 93 / 61	112 / 85 / 54	108 / 76 / 49			
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	135 / 134 / 134	132 / 130 / 130	129 / 127 / 127	126 / 123 / 123	124 / 120 / 120	121 / 117 / 117	118 / 114 / 114	114 / 112 / 112	111 / 109 / 109	105 / 105 / 105	105 / 100 / 100	100 / 100 / 100	95 / 95 / 95		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 119 / 119	124 / 116 / 116	121 / 113 / 113	118 / 110 / 110	114 / 108 / 108	111 / 105 / 105	107 / 103 / 103	101 / 99 / 99	96 / 95 / 95	91 / 89 / 89			
	C	0 to 7	QMPV QBlock	130 / 112 / 96	130 / 109 / 93	130 / 105 / 87	127 / 102 / 80	123 / 100 / 74	120 / 97 / 68	117 / 94 / 63	114 / 92 / 59	111 / 87 / 55	108 / 81 / 51	106 / 76 / 48	101 / 67 / 42	97 / 59 / 38	94 / 53 / 34			
		7 to 27	QMPV QBlock	135 / 114 / 98	135 / 111 / 95	135 / 107 / 92	131 / 104 / 86	127 / 101 / 80	124 / 99 / 74	121 / 96 / 68	118 / 94 / 63	115 / 92 / 59	112 / 86 / 55	110 / 80 / 52	105 / 71 / 46	101 / 63 / 41	97 / 56 / 36			
		27 to 45	QMPV QBlock	131 / 129 / 129	127 / 125 / 125	124 / 121 / 121	121 / 117 / 117	117 / 114 / 114	113 / 111 / 111	110 / 108 / 108	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	92 / 92 / 92	87 / 87 / 87	83 / 80 / 80			
		45 to 90	QMPV QBlock	128 / 121 / 121	125 / 117 / 117	122 / 114 / 114	118 / 111 / 111	114 / 108 / 108	110 / 105 / 105	106 / 102 / 102	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	88 / 84 / 84	83 / 75 / 75	79 / 67 / 67			
	D	0 to 7	QMPV QBlock	130 / 107 / 90	128 / 103 / 82	124 / 100 / 75	120 / 97 / 69	117 / 95 / 63	114 / 92 / 59	111 / 86 / 54	108 / 80 / 51	105 / 75 / 47	103 / 70 / 44	101 / 65 / 41	97 / 57 / 36	93 / 51 / 32	84 / 46 / 29			
		7 to 27	QMPV QBlock	135 / 109 / 94	133 / 105 / 88	128 / 102 / 81	125 / 99 / 74	121 / 97 / 68	118 / 94 / 63	115 / 91 / 59	112 / 85 / 54	109 / 79 / 51	107 / 74 / 47	104 / 69 / 44	100 / 61 / 39	96 / 54 / 35	92 / 48 / 31			
		27 to 45	QMPV QBlock	126 / 122 / 122	122 / 119 / 119	118 / 115 / 115	114 / 112 / 112	110 / 109 / 109	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	94 / 94 / 94	91 / 91 / 91	86 / 86 / 86	81 / 77 / 77	77 / 69 / 69			
		45 to 90	QMPV QBlock	123 / 115 / 115	119 / 112 / 112	115 / 108 / 108	110 / 105 / 105	106 / 103 / 103	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	90 / 87 / 87	87 / 81 / 81	82 / 72 / 72	78 / 64 / 64	73 / 58 / 58			
10 psf	B	0 to 7	QMPV QBlock	119 / 119 / 106	119 / 119 / 106	119 / 117 / 100	119 / 114 / 97	119 / 111 / 94	119 / 108 / 92	119 / 105 / 85	117 / 102 / 79	113 / 100 / 74	110 / 98 / 69	108 / 95 / 65	103 / 90 / 57	108 / 80 / 51	104 / 71 / 45			
		7 to 27	QMPV QBlock	129 / 127 / 109	129 / 123 / 106	129 / 119 / 102	129 / 116 / 100	129 / 113 / 97	129 / 110 / 94	129 / 107 / 92	129 / 104 / 85	128 / 102 / 79	125 / 99 / 74	122 / 97 / 69	117 / 93 / 61	112 / 85 / 54	108 / 76 / 49			
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	135 / 134 / 134	132 / 130 / 130	129 / 127 / 127	126 / 123 / 123	124 / 120 / 120	121 / 117 / 117	118 / 114 / 114	114 / 112 / 112	111 / 109 / 109	105 / 105 / 105	105 / 100 / 100	100 / 100 / 100	95 / 95 / 95		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 119 / 119	124 / 116 / 116	121 / 113 / 113	118 / 110 / 110	114 / 108 / 108	111 / 105 / 105	107 / 103 / 103	101 / 99 / 99	96 / 95 / 95	91 / 89 / 89			
	C	0 to 7	QMPV QBlock	119 / 112 / 96	119 / 109 / 93	119 / 105 / 87	119 / 102 / 80	119 / 100 / 74	119 / 97 / 68	117 / 94 / 63	114 / 92 / 59	111 / 87 / 55	108 / 81 / 51	106 / 76 / 48	101 / 67 / 42	97 / 59 / 38	94 / 53 / 34			
		7 to 27	QMPV QBlock	129 / 114 / 98	129 / 111 / 95	129 / 107 / 92	129 / 104 / 86	127 / 101 / 80	124 / 99 / 74	121 / 96 / 68	118 / 94 / 63	115 / 92 / 59	112 / 86 / 55	110 / 80 / 52	105 / 71 / 46	101 / 63 / 41	97 / 56 / 36			
		27 to 45	QMPV QBlock	131 / 129 / 129	127 / 125 / 125	124 / 121 / 121	121 / 117 / 117	117 / 114 / 114	113 / 111 / 111	110 / 108 / 108	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	92 / 92 / 92	87 / 87 / 87	83 / 80 / 80			
		45 to 90	QMPV QBlock	128 / 121 / 121	125 / 117 / 117	122 / 114 / 114	118 / 111 / 111	114 / 108 / 108	110 / 105 / 105	106 / 102 / 102	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	88 / 84 / 84	83 / 75 / 75	79 / 67 / 67			
	D	0 to 7	QMPV QBlock	119 / 107 / 90	119 / 103 / 82	119 / 100 / 75	119 / 97 / 69	117 / 95 / 63	114 / 92 / 59	111 / 86 / 54	108 / 80 / 51	105 / 75 / 47	103 / 70 / 44	101 / 65 / 41	97 / 57 / 36	93 / 51 / 32	84 / 46 / 29			
		7 to 27	QMPV QBlock	131 / 109 / 94	131 / 105 / 88	128 / 102 / 81	125 / 99 / 74	121 / 97 / 68	118 / 94 / 63	115 / 91 / 59	112 / 85 / 54	109 / 79 / 51	107 / 74 / 47	104 / 69 / 44	100 / 61 / 39	96 / 54 / 35	92 / 48 / 31			
		27 to 45	QMPV QBlock	126 / 122 / 122	122 / 119 / 119	118 / 115 / 115	114 / 112 / 112	110 / 109 / 109	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	94 / 94 / 94	91 / 91 / 91	86 / 86 / 86	81 / 77 / 77	77 / 69 / 69			
		45 to 90	QMPV QBlock	123 / 115 / 115	119 / 112 / 112	115 / 108 / 108	110 / 105 / 105	106 / 103 / 103	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	90 / 87 / 87	87 / 81 / 81	82 / 72 / 72	78 / 64 / 64	73 / 58 / 58			
15 psf	B	0 to 7	QMPV QBlock	108 / 108 / 106	108 / 108 / 103	108 / 108 / 100	108 / 108 / 97	108 / 108 / 94	108 / 108 / 92	108 / 105 / 85	108 / 102 / 79	108 / 100 / 74	108 / 98 / 69	108 / 95 / 65	108 / 90 / 57	108 / 80 / 51	104 / 71 / 45			
		7 to 27	QMPV QBlock	123 / 123 / 109	123 / 123 / 106	123 / 119 / 102	123 / 116 / 100	123 / 113 / 97	123 / 110 / 94	123 / 107 / 92	123 / 104 / 85	123 / 102 / 79	123 / 99 / 74	122 / 97 / 69	117 / 93 / 61	112 / 85 / 54	108 / 76 / 49			
		27 to 45	QMPV QBlock	137 / 137 / 137	137 / 137 / 137	135 / 134 / 134	132 / 130 / 130	129 / 127 / 127	126 / 123 / 123	124 / 120 / 120	121 / 117 / 117	118 / 114 / 114	114 / 112 / 112	111 / 109 / 109	105 / 105 / 105	105 / 100 / 100	100 / 100 / 100	95 / 95 / 95		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 119 / 119	124 / 116 / 116	121 / 113 / 113	118 / 110 / 110	114 / 108 / 108	111 / 105 / 105	107 / 103 / 103	101 / 99 / 99	96 / 95 / 95	91 / 89 / 89			
	C	0 to 7	QMPV QBlock	108 / 108 / 96	108 / 108 / 93	108 / 105 / 87	108 / 102 / 80	108 / 100 / 74	108 / 97 / 68	108 / 94 / 63	108 / 92 / 59	108 / 87 / 55	108 / 81 / 51	106 / 76 / 48	101 / 67 / 42	97 / 59				

Maximum Rail Spans			SnapNRack UR-60 Rail Flush-Mount on 30 to 60 Foot Roof -- QMPV QBlock Mount QMSE-Lag (Specific Gravity of Lumber Rafter = 0.50) -- Landscape																
Ground Snow Load	Exposure Category	Panel Angle	Wind Speed ->	110 mph	115 mph	120 mph	125 mph	130 mph	135 mph	140 mph	145 mph	150 mph	155 mph	160 mph	170 mph	180 mph	190 mph		
			Roof Zone ->	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	1 / 2 / 3	
30 psf	B	0 to 7	QMPV QBlock	98 / 98 / 98	98 / 98 / 98	98 / 98 / 98	98 / 98 / 97	98 / 98 / 94	98 / 98 / 92	98 / 98 / 85	98 / 98 / 79	98 / 98 / 74	98 / 98 / 69	98 / 95 / 65	98 / 90 / 57	98 / 80 / 51	98 / 71 / 45		
		7 to 27	QMPV QBlock	105 / 105 / 105	105 / 105 / 105	105 / 105 / 102	105 / 105 / 100	105 / 105 / 97	105 / 105 / 94	105 / 105 / 92	105 / 105 / 85	105 / 102 / 79	105 / 99 / 74	105 / 99 / 74	105 / 97 / 69	103 / 93 / 61	100 / 80 / 54	98 / 76 / 49	
		27 to 45	QMPV QBlock	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	125 / 125 / 125	124 / 124 / 124	122 / 122 / 122	120 / 120 / 120	117 / 117 / 117	115 / 114 / 114	112 / 112 / 112	110 / 109 / 109	106 / 106 / 106	105 / 105 / 105	104 / 100 / 100	100 / 95 / 95	95 / 95 / 95
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 119 / 119	124 / 116 / 116	120 / 113 / 113	118 / 110 / 110	114 / 108 / 108	111 / 105 / 105	107 / 103 / 103	101 / 99 / 99	96 / 95 / 95	91 / 89 / 89	86 / 86 / 86	81 / 77 / 77
	C	0 to 7	QMPV QBlock	98 / 98 / 96	98 / 98 / 93	98 / 98 / 87	98 / 98 / 80	98 / 98 / 74	98 / 97 / 68	98 / 94 / 63	98 / 92 / 59	98 / 87 / 55	98 / 81 / 51	98 / 76 / 48	98 / 67 / 42	97 / 59 / 38	94 / 53 / 34		
		7 to 27	QMPV QBlock	105 / 105 / 98	105 / 105 / 95	105 / 105 / 92	105 / 104 / 86	105 / 101 / 80	105 / 99 / 74	104 / 96 / 68	103 / 94 / 63	102 / 92 / 59	100 / 86 / 55	99 / 80 / 52	97 / 71 / 46	94 / 63 / 41	92 / 56 / 36		
		27 to 45	QMPV QBlock	125 / 125 / 125	123 / 123 / 123	120 / 120 / 120	117 / 117 / 117	114 / 114 / 114	112 / 111 / 111	109 / 108 / 108	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	92 / 92 / 92	87 / 87 / 87	83 / 80 / 80		
		45 to 90	QMPV QBlock	128 / 121 / 121	125 / 117 / 117	122 / 114 / 114	118 / 111 / 111	114 / 108 / 108	110 / 105 / 105	106 / 102 / 102	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	88 / 84 / 84	83 / 75 / 75	79 / 67 / 67		
	D	0 to 7	QMPV QBlock	99 / 99 / 90	99 / 99 / 82	99 / 99 / 75	99 / 97 / 69	99 / 95 / 63	99 / 92 / 59	99 / 86 / 54	99 / 80 / 51	99 / 75 / 47	99 / 70 / 44	99 / 65 / 41	97 / 57 / 36	93 / 51 / 32	84 / 46 / 29		
		7 to 27	QMPV QBlock	109 / 109 / 94	109 / 105 / 88	109 / 102 / 81	109 / 99 / 74	108 / 97 / 68	106 / 94 / 63	105 / 91 / 59	103 / 85 / 54	102 / 79 / 51	100 / 74 / 47	99 / 69 / 44	96 / 61 / 39	93 / 54 / 35	91 / 48 / 31		
		27 to 45	QMPV QBlock	123 / 122 / 122	120 / 119 / 119	117 / 115 / 115	114 / 112 / 112	110 / 109 / 109	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	94 / 94 / 94	91 / 91 / 91	86 / 86 / 86	81 / 77 / 77	77 / 69 / 69		
		45 to 90	QMPV QBlock	123 / 115 / 115	119 / 112 / 112	115 / 108 / 108	110 / 105 / 105	106 / 103 / 103	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	90 / 87 / 87	87 / 81 / 81	82 / 72 / 72	78 / 64 / 64	73 / 58 / 58		
35 psf	B	0 to 7	QMPV QBlock	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 94	94 / 94 / 92	94 / 94 / 85	94 / 94 / 79	94 / 94 / 74	94 / 94 / 69	94 / 94 / 65	94 / 90 / 57	94 / 80 / 51	94 / 71 / 45		
		7 to 27	QMPV QBlock	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 101	101 / 101 / 97	101 / 101 / 94	101 / 101 / 92	101 / 101 / 85	101 / 101 / 79	101 / 99 / 74	100 / 97 / 69	98 / 93 / 61	96 / 85 / 54	94 / 76 / 49		
		27 to 45	QMPV QBlock	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	120 / 120 / 120	119 / 119 / 119	117 / 117 / 117	115 / 115 / 115	112 / 112 / 112	110 / 110 / 110	108 / 108 / 108	104 / 104 / 104	100 / 100 / 100	95 / 95 / 95		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 119 / 119	124 / 116 / 116	121 / 113 / 113	118 / 110 / 110	114 / 108 / 108	111 / 105 / 105	107 / 103 / 103	101 / 99 / 99	96 / 95 / 95	91 / 89 / 89		
	C	0 to 7	QMPV QBlock	94 / 94 / 94	94 / 94 / 93	94 / 94 / 87	94 / 94 / 80	94 / 94 / 74	94 / 94 / 68	94 / 94 / 63	94 / 92 / 59	94 / 87 / 55	94 / 81 / 51	94 / 76 / 48	94 / 67 / 42	93 / 59 / 38	92 / 53 / 34		
		7 to 27	QMPV QBlock	101 / 101 / 98	101 / 101 / 95	101 / 101 / 92	101 / 101 / 86	101 / 101 / 80	101 / 99 / 74	100 / 96 / 68	99 / 94 / 63	98 / 92 / 59	96 / 86 / 55	95 / 80 / 52	93 / 71 / 46	91 / 63 / 41	89 / 56 / 36		
		27 to 45	QMPV QBlock	120 / 120 / 120	120 / 120 / 120	117 / 117 / 117	115 / 115 / 115	112 / 112 / 112	109 / 109 / 109	107 / 107 / 107	104 / 104 / 104	102 / 102 / 102	100 / 100 / 100	97 / 97 / 97	92 / 92 / 92	87 / 87 / 87	83 / 80 / 80		
		45 to 90	QMPV QBlock	128 / 121 / 121	125 / 117 / 117	122 / 114 / 114	118 / 111 / 111	114 / 108 / 108	110 / 105 / 105	106 / 102 / 102	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	88 / 84 / 84	83 / 75 / 75	79 / 67 / 67		
	D	0 to 7	QMPV QBlock	97 / 97 / 90	97 / 97 / 82	97 / 97 / 75	97 / 97 / 69	97 / 95 / 63	97 / 92 / 59	97 / 86 / 54	97 / 80 / 51	97 / 75 / 47	97 / 70 / 44	97 / 65 / 41	96 / 57 / 36	93 / 51 / 32	84 / 46 / 29		
		7 to 27	QMPV QBlock	104 / 104 / 94	104 / 104 / 88	104 / 102 / 81	104 / 99 / 74	103 / 97 / 68	102 / 94 / 63	101 / 91 / 59	99 / 85 / 54	98 / 79 / 51	97 / 74 / 47	96 / 69 / 44	93 / 61 / 39	90 / 54 / 35	88 / 48 / 31		
		27 to 45	QMPV QBlock	121 / 121 / 121	118 / 118 / 118	115 / 115 / 115	112 / 112 / 112	109 / 109 / 109	106 / 106 / 106	103 / 103 / 103	100 / 100 / 100	97 / 97 / 97	94 / 94 / 94	91 / 91 / 91	86 / 86 / 86	81 / 77 / 77	77 / 69 / 69		
		45 to 90	QMPV QBlock	123 / 115 / 115	119 / 112 / 112	115 / 108 / 108	110 / 105 / 105	106 / 103 / 103	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	90 / 87 / 87	87 / 81 / 81	82 / 72 / 72	78 / 64 / 64	73 / 58 / 58		
40 psf	B	0 to 7	QMPV QBlock	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 90	90 / 90 / 85	90 / 90 / 79	90 / 90 / 74	90 / 90 / 69	90 / 90 / 65	90 / 90 / 61	90 / 80 / 51	90 / 71 / 45			
		7 to 27	QMPV QBlock	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 94	97 / 97 / 92	97 / 97 / 85	97 / 97 / 78	97 / 97 / 74	96 / 96 / 69	94 / 93 / 61	93 / 85 / 54	91 / 76 / 49		
		27 to 45	QMPV QBlock	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	114 / 114 / 114	112 / 112 / 112	110 / 110 / 110	108 / 108 / 108	106 / 106 / 106	102 / 102 / 102	98 / 98 / 98	95 / 95 / 95		
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 119 / 119	124 / 116 / 116	121 / 113 / 113	118 / 110 / 110	114 / 108 / 108	111 / 105 / 105	107 / 103 / 103	101 / 99 / 99	96 / 95 / 95	91 / 89 / 89		
	C	0 to 7	QMPV QBlock	90 / 90 / 90	90 / 90 / 90	90 / 90 / 87	90 / 90 / 80	90 / 90 / 74	90 / 90 / 68	90 / 90 / 63	90 / 90 / 59	90 / 87 / 55	90 / 81 / 51	90 / 76 / 48	90 / 67 / 42	89 / 59 / 38	88 / 53 / 34		
		7 to 27	QMPV QBlock	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 97	97 / 97 / 94	97 / 97 / 92	97 / 97 / 85	97 / 97 / 78	97 / 97 / 74	96 / 96 / 68	94 / 93 / 61	93 / 85 / 54	91 / 76 / 49		
		27 to 45	QMPV QBlock	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	116 / 116 / 116	114 / 114 / 114	112 / 112 / 112	110 / 110 / 110	108 / 108 / 108	106 / 106 / 106	102 / 102 / 102	98 / 98 / 98	95 / 95 / 95		
		45 to 90	QMPV QBlock	128 / 121 / 121	125 / 117 / 117	122 / 114 / 114	118 / 111 / 111	114 / 108 / 108	110 / 105 / 105	106 / 102 / 102	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	88 / 84 / 84	83 / 75 / 75	79 / 67 / 67		
	D	0 to 7	QMPV QBlock	93 / 93 / 90	93 / 93 / 82	93 / 93 / 75	93 / 93 / 69	93 / 93 / 63	93 / 92 / 59	93 / 86 / 54	93 / 80 / 51	93 / 75 / 47	93 / 70 / 44	93 / 65 / 41	92 / 57 / 36	91 / 51 / 32	84 / 46 / 29		
		7 to 27	QMPV QBlock	100 / 100 / 94	100 / 100 / 88	100 / 100 / 81	100 / 99 / 74	99 / 97 / 68	98 / 94 / 63	97 / 91 / 59	96 / 85 / 54	95 / 79 / 51	94 / 74 / 47	92 / 69 / 44	90 / 61 / 39	88 / 54 / 35	86 / 48 / 31		
		27 to 45	QMPV QBlock	118 / 118 / 118	115 / 115 / 115	112 / 112 / 112	110 / 110 / 110	107 / 107 / 107	104 / 104 / 104	102 / 102 / 102	99 / 99 / 99	97 / 97 / 97	94 / 94 / 94	91 / 91 / 91	86 / 86 / 86	81 / 77 / 77	77 / 69 / 69		
		45 to 90	QMPV QBlock	123 / 115 / 115	119 / 112 / 112	115 / 108 / 108	110 / 105 / 105	106 / 103 / 103	103 / 100 / 100	99 / 97 / 97	96 / 95 / 95	93 / 93 / 93	90 / 87 / 87	87 / 81 / 81	82 / 72 / 72	78 / 64 / 64	73 / 58 / 58		
45 psf	B	0 to 7	QMPV QBlock	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85		
		7 to 27	QMPV QBlock	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	
		27 to 45	QMPV QBlock	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	
		45 to 90	QMPV QBlock	139 / 134 / 134	137 / 130 / 130	133 / 126 / 126	130 / 123 / 123	127 / 119 / 119	124 / 116 / 116	121 / 113 / 113	118 / 110 / 110	114 / 108 / 108	111 / 105 / 105	107 / 103 / 103	101 / 99 / 99	96 / 95 / 95	91 / 89 / 89		
	C	0 to 7	QMPV QBlock	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85	85 / 85 / 85		
		7 to 27	QMPV QBlock	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93	93 / 93 / 93		
		27 to 45	QMPV QBlock	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112	112 / 112 / 112												

