



Extended Heating Capacity Tables
GMV-V36WL/NHC-T(U)



TC—Total Capacity of Outdoor Unit; PI—Power Input of Outdoor Unit																				
Connection Ratio	Outdoor Air Temperature (°F)		Indoor Air Temperature (°F DB)																	
			60.8			64.4			68.0			69.8			71.6			75.2		
	°F DB	°F WB	TC	PI	COP	TC	PI	COP	TC	PI	COP	TC	PI	COP	TC	PI	COP	TC	PI	COP
135%	-22.0	-22.2	29.4	2.31	3.74	29.3	2.52	3.42	29.3	2.82	3.04	29.2	2.72	3.14	29.1	3.12	2.74	29.1	3.29	2.59
	-16.6	-16.8	30.3	2.45	3.63	30.2	2.65	3.34	30.2	2.91	3.03	30.1	2.87	3.07	30.0	3.19	2.76	30.0	3.37	2.61
	-12.6	-13.0	33.9	2.59	3.85	33.8	2.79	3.56	33.8	3.01	3.29	33.7	3.03	3.26	33.6	3.25	3.03	33.6	3.44	2.86
	-7.0	-7.6	36.9	2.72	3.98	36.8	2.92	3.69	36.7	3.10	3.47	36.6	3.17	3.38	36.5	3.32	3.23	36.5	3.52	3.04
	-3.6	-4.0	37.1	2.76	3.93	37.0	2.96	3.66	36.9	3.13	3.46	36.8	3.22	3.35	36.7	3.34	3.22	36.7	3.54	3.04
	-1.8	-2.2	37.4	2.81	3.90	37.3	3.00	3.64	37.3	3.16	3.46	37.2	3.27	3.34	37.1	3.36	3.24	37.0	3.56	3.04
	1.9	1.4	38.0	2.88	3.87	37.9	3.06	3.63	37.8	3.21	3.46	37.8	3.29	3.37	37.7	3.39	3.26	37.6	3.59	3.07
	7.3	5.0	38.7	2.94	3.86	38.6	3.11	3.63	38.4	3.24	3.47	38.5	3.34	3.38	38.4	3.44	3.27	38.3	3.61	3.11
	10.8	8.6	39.2	2.99	3.84	39.1	3.14	3.65	39.0	3.26	3.51	39.1	3.37	3.40	39.0	3.45	3.31	39.0	3.63	3.15
	14.4	12.2	39.9	3.03	3.85	39.8	3.18	3.66	39.7	3.29	3.53	39.7	3.38	3.45	39.8	3.46	3.37	39.7	3.62	3.21
	14.9	14.0	40.2	3.05	3.87	40.1	3.19	3.68	40.1	3.30	3.56	40.0	3.37	3.48	40.0	3.47	3.39	39.9	3.61	3.25
	16.7	15.6	40.5	3.07	3.88	40.4	3.20	3.70	40.4	3.30	3.59	40.4	3.38	3.50	40.3	3.45	3.42	40.3	3.61	3.27
	19.4	18.3	41.0	3.08	3.90	40.9	3.20	3.74	40.9	3.30	3.63	40.8	3.37	3.55	40.8	3.45	3.47	40.7	3.59	3.32
	23.0	21.9	44.2	3.28	3.96	44.1	3.34	3.87	44.1	3.50	3.69	44.1	3.57	3.62	44.0	3.64	3.54	43.9	3.76	3.42
	26.6	25.3	44.8	3.28	4.01	44.7	3.40	3.86	44.7	3.47	3.78	44.7	3.54	3.70	44.6	3.60	3.63	44.5	3.72	3.50
	32.0	30.7	45.8	3.25	4.13	45.7	3.35	4.00	45.6	3.41	3.92	45.6	3.47	3.86	45.5	3.53	3.78	45.6	3.64	3.67
	37.4	36.0	48.5	3.32	4.28	50.1	3.54	4.15	50.0	3.60	4.07	50.0	3.65	4.02	49.9	3.70	3.95	49.8	3.81	3.84
	41.0	39.4	55.9	3.74	4.38	62.0	4.27	4.26	58.8	4.10	4.20	56.6	4.01	4.13	54.3	3.91	4.07	50.7	3.75	3.96
	44.6	42.8	61.0	3.98	4.50	63.3	4.23	4.39	58.9	3.99	4.33	56.6	3.48	4.78	54.4	3.79	4.21	51.3	3.58	4.19
	48.2	46.2	61.1	3.86	4.63	63.3	4.11	4.52	58.9	3.86	4.47	56.7	3.77	4.40	54.9	3.66	4.39	51.3	3.37	4.46
	51.8	49.6	61.1	3.75	4.77	63.3	3.98	4.67	58.9	3.73	4.63	56.7	3.58	4.64	54.9	3.44	4.67	51.3	3.17	4.74
	55.4	53.2	62.3	3.70	4.93	63.3	3.84	4.83	58.9	3.50	4.94	56.7	3.35	4.96	54.9	3.23	4.98	51.3	2.98	5.05
	59.0	56.7	65.3	3.77	5.08	63.3	3.62	5.12	58.9	3.30	5.24	56.7	3.16	5.25	54.9	3.04	5.28	51.3	2.81	5.35
	64.4	62.2	65.3	3.57	5.37	63.1	3.44	5.38	58.9	3.12	5.52	56.7	3.01	5.53	54.9	2.88	5.59	51.3	2.67	5.63
	68.0	65.3	65.3	3.40	5.64	63.1	3.29	5.63	58.9	2.98	5.78	56.7	2.87	5.79	54.9	2.73	5.88	51.3	2.55	5.89
	75.2	68.9	65.3	3.25	5.90	63.1	3.16	5.85	58.9	2.87	6.02	56.7	2.76	6.02	54.9	2.61	6.16	51.3	2.46	6.11
120%	-22.0	-22.2	29.0	2.64	3.21	28.9	2.84	2.98	28.8	3.58	2.36	28.8	3.07	2.74	28.7	3.25	2.59	28.7	3.51	2.39
	-16.6	-16.8	29.9	2.76	3.17	29.8	2.96	2.95	29.7	3.51	2.48	29.7	3.19	2.73	29.6	3.34	2.60	29.6	3.59	2.42
	-12.6	-13.0	33.5	2.88	3.41	33.4	3.07	3.19	33.3	3.44	2.83	33.3	3.30	2.95	33.2	3.43	2.84	33.1	3.66	2.66
	-7.0	-7.6	36.7	3.00	3.59	36.6	3.18	3.37	36.5	3.38	3.16	36.4	3.41	3.12	36.4	3.52	3.03	36.3	3.73	2.85
	-3.6	-4.0	37.0	3.03	3.57	36.9	3.22	3.36	36.8	3.36	3.21	36.7	3.45	3.12	36.7	3.55	3.03	36.6	3.75	2.86
	-1.8	-2.2	37.3	3.07	3.56	37.2	3.25	3.35	37.1	3.34	3.25	37.1	3.49	3.12	37.0	3.58	3.03	36.9	3.77	2.87
	1.9	1.4	37.9	3.12	3.56	37.8	3.30	3.36	37.7	3.40	3.25	37.7	3.52	3.15	37.6	3.60	3.06	37.7	3.79	2.91
	7.3	5.0	38.6	3.17	3.56	38.4	3.33	3.38	38.4	3.45	3.26	38.4	3.54	3.18	38.4	3.63	3.10	38.3	3.80	2.96
	10.8	8.6	39.1	3.21	3.57	39.0	3.35	3.42	39.0	3.46	3.31	39.0	3.54	3.23	39.0	3.64	3.14	38.9	3.78	3.01
	14.4	12.2	39.8	3.23	3.60	39.7	3.37	3.45	39.7	3.47	3.36	39.7	3.56	3.27	39.7	3.63	3.21	39.5	3.78	3.06
	14.9	14.0	40.1	3.24	3.63	40.0	3.37	3.47	40.0	3.47	3.38	40.0	3.55	3.31	39.9	3.59	3.26	39.8	3.76	3.11
	16.7	15.6	40.4	3.25	3.64	40.4	3.39	3.50	40.4	3.46	3.42	40.3	3.54	3.33	40.3	3.62	3.26	40.2	3.76	3.14
	19.4	18.3	40.9	3.26	3.68	40.9	3.37	3.55	40.8	3.45	3.46	40.7	3.51	3.39	40.7	3.60	3.32	40.6	3.71	3.21
	23.0	21.9	44.1	3.45	3.75	44.0	3.57	3.62	43.9	3.64	3.54	44.0	3.71	3.47	44.0	3.78	3.41	43.9	3.91	3.29
	26.6	25.3	44.7	3.43	3.82	44.6	3.53	3.70	44.5	3.60	3.63	44.6	3.66	3.57	44.6	3.74	3.49	44.5	3.85	3.39
	32.0	30.7	45.7	3.39	3.95	45.6	3.47	3.84	45.6	3.58	3.73	45.5	3.59	3.72	45.6	3.65	3.65	45.5	3.75	3.55
	37.4	36.0	49.9	3.56	4.11	50.0	3.66	4.00	49.9	3.70	3.95	49.9	3.76	3.89	49.8	3.81	3.84	47.6	3.70	3.77
	41.0	39.4	62.0	4.30	4.23	58.4	4.15	4.12	54.3	3.90	4.08	52.2	3.81	4.01	50.9	3.76	3.96	47.6	3.48	4.01
	44.6	42.8	62.5	4.21	4.35	58.4	4.02	4.26	54.3	3.78	4.21	52.6	3.68	4.19	50.9	3.54	4.22	47.6	3.27	4.26
	48.2	46.2	62.6	4.09	4.48	58.5	3.91	4.39	54.4	3.60	4.43	52.6	3.46	4.46	50.9	3.33	4.48	47.6	3.08	4.53
	51.8	49.6	62.6	3.96	4.63	58.5	3.73	4.60	54.4	3.39	4.71	52.6	3.26	4.73	50.9	3.13	4.76	47.6	2.90	4.80
	55.4	53.2	62.6	3.79	4.85	58.5	3.50	4.90	54.4	3.18	5.02	52.6	3.06	5.04	50.9	2.94	5.06	47.6	2.73	5.10
	59.0	56.7	62.6	3.57	5.15	58.5	3.29	5.20	54.4	3.00	5.32	52.6	2.88	5.34	50.9	2.78	5.37	47.6	2.58	5.41
	64.4	62.2	62.6	3.37	5.45	58.4	3.12	5.50	54.4	2.85	5.60	52.6	2.73	5.64	50.9	2.63	5.67	47.5	2.44	5.70
	68.0	65.3	62.6	3.19	5.75	58.4	2.97	5.76	54.4	2.73	5.85	52.6	2.61	5.91	50.9	2.51	5.95	47.5	2.33	5.98
	75.2	68.9	62.6	3.04	6.04	58.4	2.85	6.00	54.4	2.63	6.07	52.6	2.50	6.17	50.9	2.41	6.19	47.5	2.23	6.24

TC—Total Capacity of Outdoor Unit; PI—Power Input of Outdoor Unit																					
Connection Ratio	Outdoor Air Temperature (°F)		Indoor Air Temperature (°F DB)																		
			60.8			64.4			68.0			69.8			71.6			75.2			
	°F DB	°F WB	kBtu/h	kW	W/W	kBtu/h	kW	W/W	kBtu/h	kW	W/W	kBtu/h	kW	W/W	kBtu/h	kW	W/W	kBtu/h	kW	W/W	
110%	-22.0	-22.2	28.1	2.98	2.76	28.0	3.34	2.45	27.9	3.53	2.31	27.9	3.64	2.25	27.8	3.54	2.31	27.9	4.10	1.99	
	-16.6	-16.8	30.3	3.08	2.88	30.2	3.38	2.62	30.2	3.55	2.49	30.2	3.65	2.42	30.1	3.61	2.44	30.1	4.06	2.18	
	-12.6	-13.0	32.6	3.18	3.00	32.5	3.42	2.78	32.4	3.57	2.66	32.4	3.67	2.59	32.3	3.68	2.57	32.4	4.02	2.36	
	-7.0	-7.6	35.8	3.27	3.20	35.7	3.46	3.02	35.6	3.59	2.90	35.6	3.69	2.83	35.5	3.75	2.77	35.5	3.99	2.61	
	-3.6	-4.0	36.9	3.30	3.27	36.8	3.47	3.10	36.6	3.60	2.99	36.7	3.69	2.91	36.6	3.77	2.84	36.6	3.97	2.70	
	-1.8	-2.2	37.2	3.34	3.27	37.1	3.49	3.12	37.0	3.60	3.01	37.0	3.70	2.93	36.9	3.79	2.85	36.9	3.96	2.73	
	1.9	1.4	37.8	3.37	3.28	37.7	3.53	3.13	37.6	3.62	3.04	37.6	3.73	2.96	37.6	3.81	2.89	37.6	3.99	2.76	
	7.3	5.0	38.4	3.40	3.31	38.3	3.55	3.16	38.2	3.65	3.07	38.3	3.73	3.01	38.3	3.82	2.94	38.2	3.98	2.81	
	10.8	8.6	39.0	3.43	3.33	39.0	3.56	3.21	39.0	3.65	3.13	38.9	3.72	3.06	38.9	3.81	2.99	38.8	3.95	2.88	
	14.4	12.2	39.7	3.44	3.38	39.6	3.56	3.25	39.6	3.64	3.19	39.5	3.72	3.11	39.5	3.79	3.06	39.4	3.92	2.95	
	14.9	14.0	40.0	3.43	3.41	40.0	3.57	3.29	39.9	3.64	3.21	39.8	3.70	3.15	39.8	3.77	3.09	39.7	3.91	2.98	
	16.7	15.6	40.3	3.44	3.44	40.2	3.56	3.31	40.3	3.63	3.25	40.2	3.69	3.19	40.2	3.77	3.12	40.1	3.88	3.03	
	19.4	18.3	40.8	3.44	3.48	40.7	3.53	3.38	40.7	3.61	3.31	40.6	3.66	3.25	40.6	3.69	3.23	40.5	3.85	3.08	
	23.0	21.9	44.0	3.62	3.56	43.9	3.73	3.45	43.8	3.79	3.39	43.9	3.86	3.33	43.9	3.75	3.43	42.7	3.94	3.17	
	26.6	25.3	44.6	3.59	3.64	44.5	3.68	3.55	44.4	3.74	3.48	44.5	3.80	3.43	44.5	3.57	3.65	42.7	3.81	3.28	
	32.0	30.7	45.6	3.53	3.79	45.6	3.61	3.70	45.5	3.66	3.64	45.4	3.70	3.60	46.7	3.71	3.69	43.3	3.62	3.50	
	37.4	36.0	49.8	3.69	3.96	49.9	3.78	3.86	49.8	3.81	3.83	48.5	3.77	3.77	46.7	3.61	3.79	43.3	3.30	3.85	
	41.0	39.4	57.4	4.12	4.08	53.6	3.93	4.00	49.9	3.65	4.00	47.9	3.50	4.01	46.7	3.39	4.03	43.3	3.10	4.09	
	44.6	42.8	57.4	4.00	4.21	53.6	3.79	4.15	49.9	3.44	4.26	48.0	3.29	4.27	46.7	3.19	4.29	43.3	2.92	4.34	
	48.2	46.2	57.5	3.87	4.35	53.7	3.56	4.41	50.0	3.24	4.52	48.0	3.10	4.53	46.7	3.01	4.56	43.3	2.75	4.61	
	51.8	49.6	57.5	3.64	4.63	53.7	3.35	4.69	50.0	3.05	4.80	48.0	2.93	4.81	46.7	2.83	4.83	43.3	2.60	4.88	
	55.4	53.2	57.5	3.42	4.93	53.7	3.15	5.00	50.0	2.87	5.11	48.0	2.75	5.11	46.7	2.67	5.13	43.3	2.45	5.18	
	59.0	56.7	57.5	3.22	5.24	53.7	2.97	5.30	50.0	2.71	5.40	48.0	2.60	5.41	46.7	2.52	5.43	43.3	2.32	5.48	
	64.4	62.2	57.4	3.04	5.53	53.7	2.82	5.59	50.0	2.47	5.92	48.0	2.46	5.71	46.7	2.40	5.70	43.3	2.21	5.75	
	68.0	65.3	57.4	2.89	5.83	53.7	2.68	5.88	50.0	2.35	6.24	48.0	2.35	6.00	46.7	2.30	5.94	43.3	2.11	6.01	
	75.2	68.9	57.4	2.75	6.11	53.7	2.56	6.16	50.0	2.24	6.55	48.0	2.25	6.26	46.7	2.22	6.17	43.3	2.03	6.25	
	100%	-22.0	-22.2	27.1	3.32	2.39	27.1	3.91	2.03	27.0	3.68	2.15	26.9	3.93	2.00	26.8	3.81	2.07	26.8	4.26	1.84
		-16.6	-16.8	29.3	3.39	2.53	29.4	3.86	2.23	29.2	3.72	2.30	29.1	3.92	2.18	29.1	3.86	2.21	29.0	4.23	2.01
-12.6		-13.0	31.6	3.47	2.67	31.6	3.81	2.44	31.5	3.76	2.45	31.3	3.91	2.35	31.3	3.92	2.34	31.2	4.20	2.18	
-7.0		-7.6	35.2	3.54	2.91	35.2	3.76	2.75	35.1	3.80	2.71	34.9	3.91	2.62	34.9	3.97	2.58	34.8	4.17	2.45	
-3.6		-4.0	36.6	3.57	3.01	36.7	3.74	2.88	36.6	3.82	2.81	36.4	3.90	2.73	36.4	3.98	2.68	36.3	4.16	2.56	
-1.8		-2.2	37.0	3.59	3.02	36.8	3.72	2.90	36.9	3.83	2.82	36.7	3.90	2.76	36.6	4.00	2.68	36.5	4.15	2.58	
1.9		1.4	37.6	3.61	3.05	37.4	3.75	2.92	37.3	3.82	2.86	37.3	3.90	2.81	37.2	3.99	2.74	37.1	4.13	2.64	
7.3		5.0	38.2	3.63	3.09	38.1	3.76	2.97	38.1	3.83	2.91	38.0	3.91	2.84	37.8	3.97	2.79	37.7	4.12	2.68	
10.8		8.6	38.8	3.64	3.12	38.7	3.74	3.03	38.7	3.82	2.96	38.6	3.88	2.91	38.4	3.80	2.96	38.3	4.08	2.75	
14.4		12.2	39.4	3.63	3.19	39.3	3.74	3.08	39.3	3.80	3.03	39.2	3.85	2.98	38.9	3.91	2.92	38.3	3.96	2.83	
14.9		14.0	39.7	3.62	3.22	39.7	3.74	3.12	39.6	3.78	3.07	39.6	3.86	3.01	39.2	3.88	2.96	38.3	3.92	2.86	
16.7		15.6	40.0	3.61	3.25	39.9	3.70	3.16	39.9	3.76	3.11	39.8	3.82	3.05	39.5	3.87	2.99	38.3	3.86	2.91	
19.4		18.3	40.4	3.58	3.30	40.4	3.68	3.21	40.2	3.73	3.16	40.1	3.78	3.11	39.9	3.82	3.07	38.3	3.78	2.97	
23.0		21.9	43.3	3.74	3.39	43.1	3.83	3.30	43.1	3.88	3.26	43.0	3.94	3.20	42.3	3.92	3.16	39.7	3.78	3.08	
26.6		25.3	43.9	3.70	3.48	43.7	3.77	3.40	43.7	3.82	3.35	43.3	3.84	3.31	42.3	3.80	3.26	39.7	3.58	3.25	
32.0		30.7	44.7	3.61	3.63	44.6	3.67	3.56	44.6	3.71	3.52	43.7	3.65	3.51	42.3	3.51	3.53	39.7	3.25	3.58	
37.4		36.0	48.9	3.75	3.82	48.4	3.80	3.74	45.0	3.43	3.84	43.7	3.32	3.86	42.3	3.20	3.88	39.7	2.96	3.93	
41.0		39.4	51.9	3.86	3.94	48.4	3.57	3.98	45.0	3.23	4.08	43.7	3.13	4.10	42.3	3.01	4.12	39.7	2.79	4.17	
44.6		42.8	51.9	3.64	4.17	48.4	3.35	4.23	45.0	3.00	4.40	43.7	2.94	4.35	42.3	2.84	4.37	39.7	2.63	4.42	
48.2		46.2	51.9	3.42	4.44	48.4	3.16	4.50	45.0	2.85	4.63	43.7	2.77	4.62	42.3	2.67	4.64	39.7	2.49	4.68	
51.8		49.6	51.9	3.22	4.72	48.4	2.97	4.77	45.0	2.69	4.90	43.7	2.62	4.90	42.3	2.52	4.91	39.7	2.35	4.95	
55.4		53.2	51.9	3.03	5.02	48.4	2.80	5.08	45.0	2.54	5.20	43.7	2.47	5.19	42.3	2.38	5.21	39.7	2.22	5.25	
59.0		56.7	51.9	2.85	5.32	48.4	2.64	5.38	45.0	2.40	5.51	43.7	2.33	5.49	42.3	2.25	5.51	39.7	2.10	5.54	
64.4		62.2	51.9	2.69	5.65	48.5	2.52	5.64	45.0	2.32	5.69	43.7	2.21	5.79	42.3	2.13	5.82	39.7	2.00	5.82	
68.0		65.3	51.9	2.54	5.98	48.4	2.42	5.87	45.0	2.22	5.93	43.7	2.11	6.06	42.3	2.03	6.10	39.7	1.92	6.06	
75.2		68.9	51.9	2.40	6.33	48.4	2.34	6.08	45.0	2.14	6.17	43.7	2.03	6.29	42.3	1.95	6.35	39.7	1.86	6.26	

TC—Total Capacity of Outdoor Unit; PI—Power Input of Outdoor Unit																				
Connection Ratio	Outdoor Air Temperature (°F)		Indoor Air Temperature (°F DB)																	
			60.8			64.4			68.0			69.8			71.6			75.2		
	°DB	°WB	TC	PI	COP	TC	PI	COP	TC	PI	COP	TC	PI	COP	TC	PI	COP	TC	PI	COP
90%	-22.0	-22.2	32.6	3.66	2.61	32.5	3.96	2.41	32.4	3.87	2.45	32.5	4.20	2.27	32.5	4.35	2.19	30.8	4.40	2.05
	-16.6	-16.8	33.5	3.71	2.64	33.4	3.97	2.47	33.3	3.92	2.49	33.4	4.18	2.24	33.4	4.31	2.27	31.7	4.33	2.14
	-12.6	-13.0	34.9	3.77	2.71	34.8	3.97	2.56	34.7	3.97	2.56	34.7	4.16	2.44	34.8	4.28	2.38	32.9	4.25	2.27
	-7.0	-7.6	36.2	3.82	2.78	36.1	3.98	2.66	36.0	4.02	2.62	36.1	4.15	2.55	36.1	4.24	2.49	34.2	4.18	2.40
	-3.6	-4.0	36.5	3.84	2.79	36.4	3.98	2.68	36.3	4.04	2.64	36.4	4.14	2.57	36.4	4.23	2.52	34.5	4.15	2.44
	-1.8	-2.2	36.9	3.86	2.80	36.8	3.98	2.71	36.6	4.05	2.65	36.7	4.14	2.60	36.8	4.22	2.55	34.6	4.13	2.45
	1.9	1.4	37.5	3.87	2.84	37.4	4.00	2.74	37.4	4.06	2.70	37.3	4.13	2.65	37.4	4.22	2.59	34.6	4.04	2.51
	7.3	5.0	38.1	3.86	2.89	38.0	3.99	2.80	38.1	4.04	2.76	38.0	4.08	2.73	37.9	4.18	2.65	34.7	3.95	2.57
	10.8	8.6	38.7	3.86	2.94	38.6	3.95	2.86	38.6	4.02	2.82	38.6	4.08	2.77	37.9	4.07	2.73	34.7	3.85	2.64
	14.4	12.2	39.4	3.84	3.01	39.4	3.93	2.93	39.3	3.98	2.89	39.3	4.05	2.85	37.9	3.97	2.80	34.7	3.75	2.72
	14.9	14.0	39.7	3.82	3.05	39.7	3.93	2.96	39.6	3.95	2.94	39.5	4.02	2.88	38.0	3.92	2.84	35.0	3.71	2.76
	16.7	15.6	39.9	3.80	3.08	39.8	3.88	3.01	39.9	3.94	2.97	39.5	3.96	2.93	38.0	3.86	2.88	35.4	3.69	2.81
	19.4	18.3	40.3	3.76	3.14	40.3	3.85	3.07	40.2	3.89	3.03	39.4	3.87	2.99	37.9	3.77	2.95	35.4	3.53	2.94
	23.0	21.9	43.2	3.91	3.24	43.1	4.00	3.16	40.7	3.80	3.14	39.2	3.71	3.09	37.9	3.59	3.09	35.4	3.32	3.13
	26.6	25.3	43.8	3.86	3.33	43.7	3.50	3.66	40.7	3.66	3.26	39.2	3.52	3.26	37.9	3.38	3.28	35.4	3.13	3.32
	32.0	30.7	44.6	3.73	3.50	43.7	3.26	3.92	40.7	3.33	3.59	39.2	3.20	3.59	37.9	3.08	3.61	35.4	2.85	3.65
	37.4	36.0	46.8	3.62	3.78	43.7	3.34	3.83	40.7	3.03	3.93	39.2	2.92	3.93	37.9	2.81	3.95	35.4	2.60	3.99
	41.0	39.4	46.8	3.41	4.02	43.7	3.14	4.08	40.7	2.86	4.17	39.2	2.75	4.18	37.9	2.65	4.19	35.4	2.46	4.23
	44.6	42.8	46.8	3.20	4.28	43.7	2.96	4.33	40.7	2.70	4.42	39.2	2.60	4.42	37.9	2.50	4.44	35.4	2.32	4.47
	48.2	46.2	46.8	3.02	4.54	43.7	2.78	4.60	40.7	2.54	4.69	39.2	2.45	4.68	37.9	2.36	4.70	35.4	2.19	4.73
	51.8	49.6	46.8	2.84	4.82	43.7	2.63	4.87	40.7	2.41	4.96	39.2	2.32	4.96	37.9	2.23	4.97	35.4	2.08	5.00
	55.4	53.2	46.8	2.68	5.12	43.7	2.48	5.17	40.7	2.27	5.26	39.2	2.19	5.25	37.9	2.11	5.26	35.4	1.96	5.29
	59.0	56.7	46.8	2.53	5.42	43.7	2.34	5.47	40.7	2.15	5.55	39.2	2.07	5.56	37.9	2.00	5.55	35.4	1.86	5.57
	64.4	62.2	46.7	2.39	5.74	43.7	2.21	5.79	40.7	2.04	5.85	39.1	1.95	5.89	37.9	1.90	5.85	35.4	1.77	5.86
	68.0	65.3	46.7	2.26	6.07	43.6	2.09	6.13	40.7	1.94	6.16	39.1	1.84	6.24	37.9	1.80	6.16	35.4	1.69	6.14
	75.2	68.9	46.7	2.13	6.43	43.7	1.97	6.49	40.7	1.84	6.49	39.1	1.74	6.61	37.9	1.71	6.49	35.4	1.62	6.43
80%	-22.0	-22.2	36.3	4.00	2.66	36.2	4.30	2.47	36.1	4.52	2.34	34.7	4.43	2.30	33.5	4.64	2.12	31.3	4.27	2.15
	-16.6	-16.8	36.3	4.04	2.64	36.2	4.28	2.48	36.1	4.45	2.38	34.7	4.36	2.34	33.5	4.48	2.19	31.3	4.18	2.20
	-12.6	-13.0	36.4	4.07	2.62	36.3	4.26	2.50	36.2	4.37	2.43	34.8	4.28	2.39	33.6	4.32	2.28	31.4	4.09	2.25
	-7.0	-7.6	36.4	4.10	2.60	36.3	4.24	2.51	36.2	4.29	2.47	34.8	4.21	2.43	33.6	4.17	2.36	31.4	4.00	2.30
	-3.6	-4.0	36.4	4.11	2.60	36.3	4.24	2.51	36.2	4.27	2.49	34.8	4.18	2.44	33.6	4.12	2.39	31.4	3.97	2.32
	-1.8	-2.2	36.8	4.12	2.61	36.6	4.23	2.54	36.3	4.25	2.50	34.9	4.16	2.46	33.6	4.07	2.42	31.4	3.94	2.34
	1.9	1.4	37.4	4.12	2.66	37.3	4.23	2.58	36.3	4.16	2.56	34.9	4.07	2.52	33.7	3.98	2.48	31.7	3.88	2.40
	7.3	5.0	38.0	4.10	2.72	37.9	4.21	2.64	36.4	4.07	2.62	35.0	3.97	2.58	33.7	3.91	2.53	31.7	3.78	2.46
	10.8	8.6	38.6	4.08	2.77	38.5	4.16	2.71	36.4	3.97	2.68	35.0	3.88	2.64	33.7	3.80	2.60	31.7	3.60	2.58
	14.4	12.2	39.2	4.03	2.85	39.1	4.11	2.79	36.4	3.87	2.76	35.0	3.77	2.73	33.8	3.67	2.70	31.7	3.40	2.73
	14.9	14.0	39.5	4.00	2.89	39.1	4.06	2.82	36.4	3.80	2.81	35.1	3.71	2.77	33.8	3.56	2.78	31.7	3.30	2.82
	16.7	15.6	39.8	3.99	2.93	39.1	4.00	2.87	36.4	3.75	2.84	35.1	3.62	2.84	33.8	3.47	2.86	31.7	3.21	2.89
	19.4	18.3	40.2	3.94	2.99	39.1	3.91	2.93	36.4	3.60	2.96	35.0	3.45	2.97	33.7	3.31	2.99	31.7	3.08	3.01
	23.0	21.9	41.7	3.52	3.47	38.8	3.72	3.06	36.1	3.37	3.15	35.0	3.25	3.16	33.7	3.11	3.18	31.7	2.89	3.21
	26.6	25.3	41.7	3.40	3.59	38.8	3.51	3.25	36.1	3.17	3.34	35.0	3.07	3.34	33.7	2.94	3.37	31.7	2.73	3.40
	32.0	30.7	41.7	3.46	3.53	38.8	3.18	3.58	36.1	2.89	3.67	35.0	2.79	3.68	33.7	2.68	3.69	31.7	2.49	3.73
	37.4	36.0	41.7	3.15	3.87	38.8	2.90	3.92	36.1	2.64	4.01	35.0	2.55	4.02	33.7	2.45	4.03	31.7	2.29	4.06
	41.0	39.4	41.7	2.97	4.11	38.8	2.74	4.16	36.1	2.49	4.25	35.0	2.41	4.26	33.7	2.32	4.26	31.7	2.16	4.30
	44.6	42.8	41.7	2.80	4.37	38.8	2.59	4.40	36.1	2.36	4.49	35.0	2.28	4.50	33.7	2.19	4.51	31.7	2.05	4.54
	48.2	46.2	41.7	2.64	4.62	38.8	2.44	4.67	36.1	2.24	4.73	35.0	2.15	4.76	33.7	2.07	4.77	31.7	1.94	4.79
	51.8	49.6	41.7	2.49	4.90	38.8	2.30	4.94	36.1	2.11	5.02	35.0	2.04	5.03	33.7	1.96	5.04	31.7	1.84	5.05
	55.4	53.2	41.7	2.35	5.20	38.8	2.17	5.23	36.1	2.00	5.31	35.0	1.93	5.32	33.7	1.86	5.32	31.7	1.74	5.34
	59.0	56.7	41.7	2.22	5.49	38.8	2.06	5.52	36.1	1.89	5.60	35.0	1.83	5.61	33.7	1.76	5.61	31.7	1.66	5.62
	64.4	62.2	41.7	2.12	5.76	38.9	1.96	5.81	36.1	1.80	5.88	34.9	1.74	5.90	33.7	1.67	5.92	31.7	1.58	5.89
	68.0	65.3	41.7	2.04	5.99	38.9	1.88	6.06	36.1	1.72	6.15	34.9	1.66	6.19	33.7	1.59	6.21	31.7	1.51	6.17
	75.2	68.9	41.7	1.98	6.18	38.9	1.82	6.26	36.1	1.65	6.41	34.9	1.58	6.46	33.7	1.52	6.50	31.7	1.44	6.44

TC—Total Capacity of Outdoor Unit; PI—Power Input of Outdoor Unit																				
Connection Ratio	Outdoor Air Temperature (°F)		Indoor Air Temperature (°F DB)																	
			60.8			64.4			68.0			69.8			71.6			75.2		
	°F DB	°F WB	TC kBtu/h	PI kW	COP W/W	TC kBtu/h	PI kW	COP W/W	TC kBtu/h	PI kW	COP W/W	TC kBtu/h	PI kW	COP W/W	TC kBtu/h	PI kW	COP W/W	TC kBtu/h	PI kW	COP W/W
70%	-22.0	-22.2	36.1	4.28	2.47	34.0	4.70	2.12	31.7	4.26	2.18	30.5	4.16	2.15	29.3	4.07	2.11	27.8	4.41	1.84
	-16.6	-16.8	36.1	4.31	2.45	34.0	4.56	2.18	31.7	4.17	2.23	30.5	4.07	2.19	29.3	3.99	2.16	27.8	4.18	1.94
	-12.6	-13.0	36.2	4.34	2.45	34.1	4.42	2.26	31.8	4.08	2.28	30.6	3.98	2.25	29.4	3.90	2.21	27.9	3.96	2.06
	-7.0	-7.6	36.2	4.36	2.43	34.1	4.28	2.33	31.8	4.00	2.33	30.6	3.90	2.30	29.4	3.82	2.26	27.9	3.73	2.19
	-3.6	-4.0	36.2	4.37	2.43	34.1	4.23	2.36	31.8	3.97	2.35	30.6	3.87	2.31	29.4	3.79	2.28	27.9	3.65	2.24
	-1.8	-2.2	36.5	4.38	2.44	34.1	4.18	2.39	31.8	3.94	2.37	30.6	3.84	2.33	29.5	3.76	2.30	27.9	3.58	2.28
	1.9	1.4	36.5	4.28	2.50	34.1	4.09	2.44	31.9	3.85	2.43	30.6	3.75	2.39	29.5	3.66	2.36	27.9	3.41	2.39
	7.3	5.0	36.6	4.19	2.56	34.2	4.01	2.50	31.9	3.75	2.49	30.7	3.56	2.53	29.6	3.49	2.48	27.9	3.25	2.52
	10.8	8.6	36.6	4.09	2.63	34.2	3.89	2.57	31.9	3.58	2.61	30.7	3.45	2.61	29.6	3.31	2.62	27.9	3.08	2.65
	14.4	12.2	36.7	3.97	2.71	34.2	3.75	2.68	32.0	3.39	2.76	30.7	3.26	2.76	29.6	3.13	2.77	27.9	2.91	2.80
	14.9	14.0	36.7	3.91	2.75	34.3	3.64	2.76	32.0	3.30	2.84	30.7	3.17	2.84	29.6	3.04	2.85	27.9	2.83	2.88
	16.7	15.6	36.7	3.85	2.79	34.3	3.54	2.83	32.0	3.21	2.92	30.7	3.09	2.92	29.6	2.97	2.93	27.9	2.76	2.96
	19.4	18.3	36.6	3.67	2.92	34.2	3.38	2.97	31.9	3.07	3.05	30.7	2.95	3.05	29.6	2.83	3.06	27.9	2.65	3.09
	23.0	21.9	36.4	3.43	3.11	34.0	3.16	3.15	31.7	2.87	3.24	30.5	2.76	3.24	29.6	2.67	3.25	27.9	2.50	3.27
	26.6	25.3	36.4	3.23	3.31	34.0	2.98	3.34	31.7	2.71	3.43	30.5	2.61	3.43	29.6	2.52	3.43	27.9	2.36	3.46
	32.0	30.7	36.4	2.94	3.63	34.0	2.73	3.65	31.7	2.48	3.75	30.5	2.39	3.75	29.6	2.31	3.75	27.9	2.16	3.77
	37.4	36.0	36.4	2.68	3.97	34.0	2.48	4.01	31.7	2.27	4.09	30.5	2.19	4.08	29.6	2.12	4.09	27.9	1.99	4.11
	41.0	39.4	36.4	2.53	4.21	34.0	2.34	4.25	31.7	2.15	4.32	30.5	2.07	4.31	29.6	2.01	4.31	27.9	1.88	4.34
	44.6	42.8	36.4	2.39	4.46	34.0	2.22	4.49	31.7	2.03	4.57	30.5	1.96	4.56	29.6	1.90	4.55	27.9	1.79	4.57
	48.2	46.2	36.4	2.26	4.71	34.0	2.10	4.75	31.7	1.93	4.82	30.5	1.86	4.81	29.6	1.80	4.80	27.9	1.69	4.82
	51.8	49.6	36.4	2.14	4.98	34.0	1.98	5.02	31.7	1.83	5.08	30.5	1.76	5.07	29.6	1.71	5.06	27.9	1.61	5.08
	55.4	53.2	36.4	2.02	5.27	34.0	1.88	5.30	31.7	1.73	5.37	30.5	1.67	5.34	29.6	1.62	5.35	27.9	1.53	5.34
	59.0	56.7	36.4	1.92	5.57	34.0	1.78	5.59	31.7	1.64	5.66	30.5	1.59	5.62	29.6	1.54	5.62	27.9	1.46	5.61
	64.4	62.2	36.4	1.82	5.87	34.0	1.69	5.88	31.7	1.56	5.94	30.4	1.51	5.90	29.6	1.47	5.90	27.9	1.39	5.87
	68.0	65.3	36.4	1.73	6.16	34.0	1.61	6.18	31.7	1.49	6.22	30.4	1.45	6.17	29.6	1.41	6.16	27.9	1.33	6.12
	75.2	68.9	36.4	1.66	6.45	34.0	1.54	6.47	31.7	1.43	6.48	30.4	1.39	6.43	29.6	1.35	6.40	27.9	1.29	6.35
60%	-22.0	-22.2	31.2	4.35	2.11	29.2	4.37	1.96	27.1	4.23	1.88	26.2	4.06	1.89	25.5	4.01	1.86	23.8	3.68	1.89
	-16.6	-16.8	31.2	4.25	2.15	29.2	4.22	2.03	27.1	4.01	1.98	26.2	3.85	1.99	25.5	3.78	1.97	23.8	3.48	2.00
	-12.6	-13.0	31.3	4.16	2.21	29.3	4.06	2.12	27.2	3.79	2.10	26.3	3.64	2.11	25.6	3.56	2.11	23.9	3.27	2.14
	-7.0	-7.6	31.3	4.06	2.26	29.3	3.92	2.20	27.2	3.58	2.23	26.3	3.44	2.24	25.6	3.35	2.24	23.9	3.08	2.27
	-3.6	-4.0	31.3	4.03	2.28	29.3	3.87	2.22	27.2	3.51	2.27	26.3	3.37	2.28	25.6	3.28	2.29	23.9	3.02	2.32
	-1.8	-2.2	31.4	4.00	2.30	29.4	3.82	2.25	27.2	3.44	2.32	26.3	3.31	2.33	25.6	3.20	2.34	23.9	2.96	2.37
	1.9	1.4	31.4	3.90	2.36	29.4	3.67	2.35	27.3	3.29	2.43	26.3	3.16	2.44	25.6	3.06	2.45	23.9	2.83	2.47
	7.3	5.0	31.5	3.78	2.44	29.5	3.49	2.48	27.3	3.14	2.55	26.4	3.02	2.56	25.6	2.92	2.57	23.9	2.69	2.60
	10.8	8.6	31.5	3.58	2.58	29.5	3.30	2.61	27.3	2.98	2.69	26.4	2.86	2.70	25.6	2.77	2.71	23.9	2.56	2.73
	14.4	12.2	31.5	3.38	2.73	29.5	3.13	2.76	27.4	2.82	2.84	26.4	2.72	2.85	25.6	2.62	2.86	23.9	2.43	2.88
	14.9	14.0	31.5	3.29	2.81	29.5	3.04	2.84	27.4	2.75	2.92	26.4	2.65	2.93	25.6	2.55	2.94	23.9	2.36	2.96
	16.7	15.6	31.5	3.20	2.88	29.5	2.97	2.92	27.4	2.68	2.99	26.4	2.58	3.00	25.6	2.49	3.01	23.9	2.31	3.03
	19.4	18.3	31.5	3.06	3.01	29.5	2.83	3.05	27.3	2.56	3.13	26.4	2.47	3.13	25.6	2.39	3.14	23.9	2.21	3.16
	23.0	21.9	31.3	2.86	3.20	29.3	2.65	3.23	27.2	2.40	3.31	26.2	2.32	3.32	25.6	2.26	3.32	23.9	2.09	3.34
	26.6	25.3	31.3	2.70	3.39	29.3	2.51	3.42	27.2	2.28	3.49	26.2	2.19	3.50	25.6	2.14	3.51	23.9	1.98	3.53
	32.0	30.7	31.3	2.47	3.71	29.3	2.30	3.74	27.2	2.09	3.81	26.2	2.01	3.81	25.6	1.96	3.82	23.9	1.82	3.84
	37.4	36.0	31.3	2.26	4.05	29.3	2.11	4.07	27.2	1.92	4.14	26.2	1.85	4.14	25.6	1.81	4.14	23.9	1.68	4.16
	41.0	39.4	31.3	2.14	4.28	29.3	2.00	4.30	27.2	1.82	4.37	26.2	1.76	4.37	25.6	1.71	4.37	23.9	1.60	4.37
	44.6	42.8	31.3	2.03	4.52	29.3	1.89	4.54	27.2	1.73	4.61	26.2	1.67	4.60	25.6	1.63	4.60	23.9	1.52	4.61
	48.2	46.2	31.3	1.92	4.77	29.3	1.79	4.79	27.2	1.64	4.85	26.2	1.59	4.84	25.6	1.55	4.85	23.9	1.45	4.84
	51.8	49.6	31.3	1.82	5.03	29.3	1.70	5.04	27.2	1.56	5.10	26.2	1.51	5.10	25.6	1.47	5.10	23.9	1.38	5.08
	55.4	53.2	31.3	1.72	5.32	29.3	1.61	5.32	27.2	1.48	5.37	26.2	1.43	5.37	25.6	1.40	5.36	23.9	1.31	5.34
	59.0	56.7	31.3	1.64	5.58	29.3	1.53	5.61	27.2	1.41	5.64	26.2	1.36	5.63	25.6	1.33	5.62	23.9	1.25	5.60
	64.4	62.2	31.3	1.57	5.85	29.3	1.46	5.89	27.1	1.35	5.91	26.2	1.31	5.89	25.6	1.28	5.86	23.9	1.20	5.84
	68.0	65.3	31.2	1.50	6.10	29.3	1.39	6.16	27.1	1.29	6.16	26.2	1.25	6.13	25.6	1.23	6.09	23.9	1.15	6.07
	75.2	68.9	31.2	1.44	6.34	29.3	1.34	6.43	27.1	1.24	6.40	26.2	1.21	6.35	25.6	1.19	6.30	23.9	1.11	6.28

TC—Total Capacity of Outdoor Unit; PI—Power Input of Outdoor Unit																				
Connection Ratio	Outdoor Air Temperature (°F)		Indoor Air Temperature (°F DB)																	
			60.8			64.4			68.0			69.8			71.6			75.2		
	°F DB	°F WB	TC kBtu/h	PI kW	COP W/W	TC kBtu/h	PI kW	COP W/W	TC kBtu/h	PI kW	COP W/W	TC kBtu/h	PI kW	COP W/W	TC kBtu/h	PI kW	COP W/W	TC kBtu/h	PI kW	COP W/W
50%	-22.0	-22.2	26.1	4.12	1.85	24.4	3.77	1.90	22.7	3.35	1.98	21.7	3.29	1.93	21.2	3.22	1.93	19.8	2.94	1.97
	-16.6	-16.8	26.1	3.90	1.96	24.4	3.57	2.00	22.7	3.19	2.08	21.7	3.12	2.04	21.2	3.04	2.04	19.8	2.79	2.07
	-12.6	-13.0	26.2	3.68	2.09	24.5	3.38	2.12	22.8	3.03	2.21	21.8	2.94	2.17	21.3	2.87	2.18	19.9	2.64	2.20
	-7.0	-7.6	26.2	3.47	2.21	24.5	3.19	2.25	22.8	2.87	2.32	21.8	2.77	2.31	21.3	2.70	2.31	19.9	2.50	2.33
	-3.6	-4.0	26.2	3.39	2.26	24.5	3.13	2.29	22.8	2.82	2.37	21.8	2.72	2.35	21.3	2.64	2.36	19.9	2.45	2.38
	-1.8	-2.2	26.2	3.32	2.31	24.5	3.07	2.34	22.8	2.77	2.41	21.8	2.66	2.40	21.3	2.59	2.41	19.9	2.40	2.42
	1.9	1.4	26.2	3.17	2.42	24.5	2.93	2.45	22.8	2.65	2.52	21.9	2.55	2.51	21.3	2.48	2.51	19.9	2.30	2.53
	7.3	5.0	26.3	3.03	2.54	24.6	2.80	2.57	22.9	2.53	2.65	21.9	2.44	2.63	21.3	2.37	2.64	19.9	2.20	2.65
	10.8	8.6	26.3	2.88	2.68	24.6	2.66	2.70	22.9	2.41	2.78	21.9	2.32	2.77	21.3	2.25	2.77	19.9	2.09	2.78
	14.4	12.2	26.3	2.73	2.83	24.6	2.53	2.86	22.9	2.29	2.93	21.9	2.21	2.91	21.4	2.16	2.91	19.9	1.99	2.93
	14.9	14.0	26.3	2.65	2.91	24.6	2.46	2.94	22.9	2.24	3.00	21.9	2.15	2.99	21.4	2.10	2.99	19.9	1.94	3.00
	16.7	15.6	26.3	2.59	2.98	24.6	2.40	3.01	22.9	2.18	3.08	21.9	2.10	3.06	21.4	2.05	3.06	19.9	1.89	3.07
	19.4	18.3	26.3	2.48	3.11	24.6	2.31	3.12	22.9	2.09	3.21	21.9	2.01	3.19	21.4	1.97	3.19	19.9	1.82	3.20
	23.0	21.9	26.1	2.32	3.30	24.4	2.16	3.32	22.7	1.97	3.39	21.8	1.90	3.36	21.4	1.87	3.36	19.9	1.73	3.37
	26.6	25.3	26.1	2.20	3.48	24.4	2.04	3.50	22.7	1.87	3.57	21.8	1.80	3.55	21.4	1.77	3.55	19.9	1.64	3.55
	32.0	30.7	26.1	2.02	3.79	24.4	1.88	3.81	22.7	1.72	3.87	21.8	1.66	3.85	21.4	1.63	3.84	19.9	1.52	3.84
	37.4	36.0	26.1	1.86	4.12	24.4	1.73	4.14	22.7	1.59	4.20	21.8	1.53	4.16	21.4	1.51	4.15	19.9	1.40	4.14
	41.0	39.4	26.1	1.76	4.34	24.4	1.64	4.36	22.7	1.51	4.42	21.8	1.46	4.38	21.4	1.44	4.37	19.9	1.34	4.36
	44.6	42.8	26.1	1.67	4.57	24.4	1.56	4.59	22.7	1.44	4.63	21.8	1.39	4.60	21.4	1.37	4.59	19.9	1.28	4.56
	48.2	46.2	26.1	1.59	4.82	24.4	1.48	4.83	22.7	1.37	4.87	21.8	1.32	4.82	21.4	1.30	4.81	19.9	1.22	4.79
	51.8	49.6	26.1	1.51	5.07	24.4	1.41	5.08	22.7	1.30	5.11	21.8	1.26	5.06	21.4	1.24	5.05	19.9	1.16	5.02
	55.4	53.2	26.1	1.44	5.33	24.4	1.34	5.34	22.7	1.24	5.37	21.8	1.20	5.31	21.4	1.18	5.30	19.9	1.11	5.26
	59.0	56.7	26.1	1.37	5.60	24.4	1.28	5.59	22.7	1.18	5.62	21.8	1.15	5.57	21.4	1.13	5.55	19.9	1.05	5.52
	64.4	62.2	26.2	1.30	5.89	24.3	1.22	5.85	22.7	1.14	5.86	21.8	1.10	5.81	21.4	1.08	5.80	19.9	1.01	5.79
	68.0	65.3	26.1	1.24	6.18	24.3	1.16	6.12	22.7	1.09	6.09	21.8	1.06	6.03	21.4	1.04	6.05	19.9	0.96	6.05
	75.2	68.9	26.1	1.18	6.48	24.3	1.12	6.38	22.7	1.02	6.54	21.8	1.02	6.24	21.4	1.00	6.29	19.9	0.92	6.32