

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 18HPC2-HH-A

### Expanded Cooling Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature																				
			64 °FDB/54 °FWB			70 °FDB/60 °FWB			75 °FDB/63 °FWB			80 °FDB/67 °FWB			85 °FDB/71 °FWB			90 °FDB/73 °FWB					
			TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP			
Btu/h	°FDB	°FWB	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW
07 + 09	14	12	15.16	12.64	0.88	17.16	12.62	0.90	18.10	13.94	0.90	19.40	14.53	0.90	20.75	14.88	0.92	21.40	16.47	0.93			
	23	21	14.88	12.33	0.96	16.84	12.31	0.97	17.77	13.60	0.98	19.04	14.28	0.98	20.37	14.61	1.01	21.01	16.27	1.01			
	32	28	14.76	12.22	1.02	16.70	12.20	1.03	17.63	13.51	1.04	18.87	14.15	1.04	20.18	14.50	1.06	20.85	16.12	1.07			
	41	37	14.58	12.14	1.16	16.49	12.12	1.18	17.40	13.39	1.19	18.65	14.06	1.19	19.95	14.39	1.21	20.57	16.02	1.22			
	50	47	14.70	12.19	1.31	16.65	12.19	1.33	17.56	13.46	1.34	18.82	14.14	1.34	20.13	14.47	1.38	20.76	16.10	1.39			
	59	50	15.53	12.60	1.48	17.59	12.58	1.51	18.56	13.90	1.53	19.88	14.60	1.53	21.26	15.27	1.56	21.93	16.62	1.57			
	67	53	18.81	14.34	1.72	21.28	14.32	1.74	22.44	15.81	1.76	24.05	16.60	1.76	25.72	17.40	1.81	26.52	18.91	1.81			
	77	62	18.23	14.10	1.97	20.63	14.08	2.01	21.76	15.55	2.03	23.31	16.34	2.03	24.94	17.00	2.07	25.71	18.61	2.08			
	87	69	17.75	13.87	2.24	20.09	13.85	2.28	21.19	15.30	2.30	22.71	16.07	2.30	24.29	16.44	2.35	25.05	18.30	2.36			
	95	75	17.25	13.30	2.41	19.52	13.29	2.46	20.60	14.68	2.48	21.71	15.41	2.48	23.60	15.77	2.53	24.33	17.55	2.54			
	104	78	14.63	12.16	2.19	16.57	12.15	2.23	17.48	13.42	2.24	18.72	14.09	2.24	20.04	14.43	2.30	20.66	16.06	2.31			
115	80	10.77	10.70	1.76	12.20	10.68	1.78	12.87	11.80	1.80	13.79	12.40	1.80	14.76	12.69	1.84	15.22	14.13	1.85				
07 + 12	14	12	15.67	13.06	0.90	17.74	13.05	0.92	18.71	14.41	0.92	20.05	15.02	0.92	21.45	15.38	0.94	22.12	17.02	0.95			
	23	21	15.38	12.74	0.98	17.41	12.73	0.99	18.37	14.06	0.99	19.68	14.76	0.99	21.06	15.11	1.02	21.71	16.82	1.02			
	32	28	15.26	12.63	1.03	17.26	12.61	1.05	18.22	13.96	1.06	19.51	14.63	1.06	20.86	14.98	1.08	21.55	16.66	1.09			
	41	37	15.07	12.54	1.18	17.05	12.53	1.20	17.99	13.84	1.21	19.27	14.53	1.21	20.62	14.87	1.23	21.26	16.56	1.24			
	50	47	15.20	12.60	1.33	17.20	12.60	1.35	18.15	13.91	1.37	19.45	14.61	1.37	20.81	14.96	1.40	21.46	16.65	1.41			
	59	50	16.06	13.02	1.51	18.18	13.00	1.54	19.18	14.37	1.56	20.54	15.09	1.56	21.98	15.79	1.58	22.67	17.18	1.59			
	67	53	19.44	14.82	1.75	22.00	14.80	1.77	23.20	16.34	1.79	24.86	17.16	1.79	26.59	17.98	1.84	27.41	19.55	1.84			
	77	62	18.85	14.58	2.01	21.33	14.56	2.05	22.49	16.08	2.07	24.10	16.89	2.07	25.78	17.57	2.11	26.58	19.23	2.12			
	87	69	18.35	14.33	2.28	20.77	14.32	2.32	21.90	15.82	2.34	23.47	16.61	2.34	25.11	16.99	2.39	25.89	18.92	2.40			
	95	75	17.83	13.75	2.45	20.18	13.73	2.51	21.29	15.17	2.53	22.44	15.93	2.53	24.39	16.30	2.58	25.15	18.14	2.59			
	104	78	15.13	12.57	2.23	17.13	12.56	2.27	18.07	13.88	2.28	19.35	14.57	2.28	20.71	14.91	2.34	21.35	16.60	2.35			
115	80	11.14	11.06	1.78	12.61	11.04	1.81	13.30	12.20	1.83	14.26	12.81	1.83	15.26	13.11	1.87	15.74	14.60	1.88				
09 + 09	14	12	15.16	12.64	0.88	17.16	12.62	0.90	18.10	13.94	0.90	19.40	14.53	0.90	20.75	14.88	0.92	21.40	16.47	0.93			
	23	21	14.88	12.33	0.96	16.84	12.31	0.97	17.77	13.60	0.98	19.04	14.28	0.98	20.37	14.61	1.01	21.01	16.27	1.01			
	32	28	14.76	12.22	1.02	16.70	12.20	1.03	17.63	13.51	1.04	18.87	14.15	1.04	20.18	14.50	1.06	20.85	16.12	1.07			
	41	37	14.58	12.14	1.16	16.49	12.12	1.18	17.40	13.39	1.19	18.65	14.06	1.19	19.95	14.39	1.21	20.57	16.02	1.22			
	50	47	14.70	12.19	1.31	16.65	12.19	1.33	17.56	13.46	1.34	18.82	14.14	1.34	20.13	14.47	1.38	20.76	16.10	1.39			
	59	50	15.53	12.60	1.48	17.59	12.58	1.51	18.56	13.90	1.53	19.88	14.60	1.53	21.26	15.27	1.56	21.93	16.62	1.57			
	67	53	18.81	14.34	1.72	21.28	14.32	1.74	22.44	15.81	1.76	24.05	16.60	1.76	25.72	17.40	1.81	26.52	18.91	1.81			
	77	62	18.23	14.10	1.97	20.63	14.08	2.01	21.76	15.55	2.03	23.31	16.34	2.03	24.94	17.00	2.07	25.71	18.61	2.08			
	87	69	17.75	13.87	2.24	20.09	13.85	2.28	21.19	15.30	2.30	22.71	16.07	2.30	24.29	16.44	2.35	25.05	18.30	2.36			
	95	75	17.25	13.30	2.41	19.52	13.29	2.46	20.60	14.68	2.48	21.71	15.41	2.48	23.60	15.77	2.53	24.33	17.55	2.54			
	104	78	14.63	12.16	2.19	16.57	12.15	2.23	17.48	13.42	2.24	18.72	14.09	2.24	20.04	14.43	2.30	20.66	16.06	2.31			
115	80	10.77	10.70	1.76	12.20	10.68	1.78	12.87	11.80	1.80	13.79	12.40	1.80	14.76	12.69	1.84	15.22	14.13	1.85				
09 + 12	14	12	15.67	13.06	0.90	17.74	13.05	0.92	18.71	14.41	0.92	20.05	15.02	0.92	21.45	15.38	0.94	22.12	17.02	0.95			
	23	21	15.38	12.74	0.98	17.41	12.73	0.99	18.37	14.06	0.99	19.68	14.76	0.99	21.06	15.11	1.02	21.71	16.82	1.02			
	32	28	15.26	12.63	1.03	17.26	12.61	1.05	18.22	13.96	1.06	19.51	14.63	1.06	20.86	14.98	1.08	21.55	16.66	1.09			
	41	37	15.07	12.54	1.18	17.05	12.53	1.20	17.99	13.84	1.21	19.27	14.53	1.21	20.62	14.87	1.23	21.26	16.56	1.24			
	50	47	15.20	12.60	1.33	17.20	12.60	1.35	18.15	13.91	1.37	19.45	14.61	1.37	20.81	14.96	1.40	21.46	16.65	1.41			
	59	50	16.06	13.02	1.51	18.18	13.00	1.54	19.18	14.37	1.56	20.54	15.09	1.56	21.98	15.79	1.58	22.67	17.18	1.59			
	67	53	19.44	14.82	1.75	22.00	14.80	1.77	23.20	16.34	1.79	24.86	17.16	1.79	26.59	17.98	1.84	27.41	19.55	1.84			
	77	62	18.85	14.58	2.01	21.33	14.56	2.05	22.49	16.08	2.07	24.10	16.89	2.07	25.78	17.57	2.11	26.58	19.23	2.12			
	87	69	18.35	14.33	2.28	20.77	14.32	2.32	21.90	15.82	2.34	23.47	16.61	2.34	25.11	16.99	2.39	25.89	18.92	2.40			
	95	75	17.83	13.75	2.45	20.18	13.73	2.51	21.29	15.17	2.53	22.44	15.93	2.53	24.39	16.30	2.58	25.15	18.14	2.59			
	104	78	15.13	12.57	2.23	17.13	12.56	2.27	18.07	13.88	2.28	19.35	14.57	2.28	20.71	14.91	2.34	21.35	16.60	2.35			
115	80	11.14	11.06	1.78	12.61	11.04	1.81	13.30	12.20	1.83	14.26	12.81	1.83	15.26	13.11	1.87	15.74	14.60	1.88				

TC = Total Capacity (Gross)

SHC = Sensible Heat Capacity (Gross)

IP = Input Power (Including the compressor, evaporator fan motor, and condenser fan motor)

Notes:

2 or more indoor units should be connected to outdoor Heat Pump.

The total capacity of connected indoor units is from 16,000 Btu/h to 21,000 Btu/h

Input in the tables are calculated based on the maximum indoor unit input combinations.

Capacity loss due to white frost and defrost operation is not reflected above.

Specifications are based on the following:

- Power source 230V.
- Pipe length of 24.6', with a height difference between indoor fan coil and outdoor HP of 0'.
- Indoor fan coil High fan speed.

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 18HPC2-HH-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
			TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
Btu/h	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
07 + 09	-13	-15	12.83	2.17	12.68	2.13	12.60	2.09	12.25	2.05	11.84	2.01
	-5	-7	15.62	2.28	15.22	2.24	14.84	2.20	14.54	2.15	14.10	2.11
	5	3	18.83	2.43	18.38	2.38	18.00	2.34	17.78	2.29	17.36	2.24
	14	12	21.51	2.58	20.97	2.53	20.48	2.48	19.95	2.43	19.40	2.38
	23	19	22.66	2.71	22.10	2.66	21.54	2.60	20.99	2.55	20.43	2.53
	32	28	23.70	2.89	23.09	2.84	22.60	2.77	21.95	2.72	21.38	2.66
	41	37	24.91	2.99	24.27	2.93	23.77	2.87	23.11	2.82	22.53	2.77
	47	43	25.84	3.10	25.06	3.04	24.48	2.98	23.90	2.95	23.31	2.90
	50	47	23.76	2.87	23.15	2.81	22.74	2.75	22.08	2.69	21.48	2.67
	59	50	21.33	2.54	20.78	2.50	20.42	2.44	19.83	2.38	19.28	2.37
68	59	18.85	2.13	18.37	2.09	18.04	2.04	17.52	2.00	17.04	1.98	
75	65	13.60	1.58	13.25	1.55	13.01	1.52	12.64	1.48	12.29	1.47	
07 + 12	-13	-15	12.83	2.17	12.68	2.13	12.60	2.09	12.25	2.05	11.84	2.01
	-5	-7	15.62	2.28	15.22	2.24	14.84	2.20	14.54	2.15	14.10	2.11
	5	3	18.83	2.43	18.38	2.38	18.00	2.34	17.78	2.29	17.36	2.24
	14	12	21.93	2.63	21.38	2.58	20.88	2.53	20.34	2.48	19.78	2.43
	23	19	23.54	2.82	22.96	2.77	22.38	2.71	21.80	2.65	21.22	2.62
	32	28	25.06	3.05	24.41	3.00	23.90	2.93	23.21	2.87	22.61	2.82
	41	37	26.78	3.22	26.09	3.15	25.56	3.08	24.85	3.03	24.23	2.97
	47	43	28.23	3.39	27.38	3.33	26.75	3.26	26.11	3.22	25.47	3.17
	50	47	25.96	3.13	25.30	3.07	24.85	3.01	24.13	2.94	23.47	2.92
	59	50	23.31	2.77	22.71	2.73	22.31	2.67	21.66	2.60	21.07	2.59
68	59	20.60	2.33	20.07	2.28	19.71	2.23	19.14	2.18	18.62	2.16	
75	65	14.86	1.73	14.47	1.70	14.22	1.66	13.81	1.62	13.43	1.60	
09 + 09	-13	-15	12.83	2.17	12.68	2.13	12.60	2.09	12.25	2.05	11.84	2.01
	-5	-7	15.62	2.28	15.22	2.24	14.84	2.20	14.54	2.15	14.10	2.11
	5	3	18.83	2.43	18.38	2.38	18.00	2.34	17.78	2.29	17.36	2.24
	14	12	21.51	2.58	20.97	2.53	20.48	2.48	19.95	2.43	19.40	2.38
	23	19	22.66	2.71	22.10	2.66	21.54	2.60	20.99	2.55	20.43	2.53
	32	28	23.70	2.89	23.09	2.84	22.60	2.77	21.95	2.72	21.38	2.66
	41	37	24.91	2.99	24.27	2.93	23.77	2.87	23.11	2.82	22.53	2.77
	47	43	25.84	3.10	25.06	3.04	24.48	2.98	23.90	2.95	23.31	2.90
	50	47	23.76	2.87	23.15	2.81	22.74	2.75	22.08	2.69	21.48	2.67
	59	50	21.33	2.54	20.78	2.50	20.42	2.44	19.83	2.38	19.28	2.37
68	59	18.85	2.13	18.37	2.09	18.04	2.04	17.52	2.00	17.04	1.98	
75	65	13.60	1.58	13.25	1.55	13.01	1.52	12.64	1.48	12.29	1.47	
09 + 12	-13	-15	12.83	2.17	12.68	2.13	12.60	2.09	12.25	2.05	11.84	2.01
	-5	-7	15.62	2.28	15.22	2.24	14.84	2.20	14.54	2.15	14.10	2.11
	5	3	18.83	2.43	18.38	2.38	18.00	2.34	17.78	2.29	17.36	2.24
	14	12	21.93	2.63	21.38	2.58	20.88	2.53	20.34	2.48	19.78	2.43
	23	19	23.54	2.82	22.96	2.77	22.38	2.71	21.80	2.65	21.22	2.62
	32	28	25.06	3.05	24.41	3.00	23.90	2.93	23.21	2.87	22.61	2.82
	41	37	26.78	3.22	26.09	3.15	25.56	3.08	24.85	3.03	24.23	2.97
	47	43	28.23	3.39	27.38	3.33	26.75	3.26	26.11	3.22	25.47	3.17
	50	47	25.96	3.13	25.30	3.07	24.85	3.01	24.13	2.94	23.47	2.92
	59	50	23.31	2.77	22.71	2.73	22.31	2.67	21.66	2.60	21.07	2.59
68	59	20.60	2.33	20.07	2.28	19.71	2.23	19.14	2.18	18.62	2.16	
75	65	14.86	1.73	14.47	1.70	14.22	1.66	13.81	1.62	13.43	1.60	

TC = Total Capacity (Gross)

SHC = Sensible Heat Capacity (Gross)

IP = Input Power (Including the compressor, evaporator fan motor, and condenser fan motor)

**Notes:**

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The total capacity of connected indoor units is from 16,000 Btu/h to 21,000 Btu/h

Input in the tables are calculated based on the maximum indoor unit input combinations.

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## 24HPC3-HH-A

### Expanded Cooling Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature																		
			64 °FDB/54 °FWB			70 °FDB/60 °FWB			75 °FDB/63 °FWB			80 °FDB/67 °FWB			85 °FDB/71 °FWB			90 °FDB/73 °FWB			
	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP			
	Btu/h	°FDB	°FWB	BTU/H	BTU/H	kW	BTU/H	BTU/H	kW	BTU/H	BTU/H	kW	BTU/H	BTU/H	kW	BTU/H	BTU/H	kW	BTU/H	BTU/H	kW
07 + 18	14	12	20.76	17.35	1.00	23.50	17.33	1.02	24.79	19.15	1.02	26.57	19.65	1.03	28.42	20.58	1.04	29.30	22.91	1.05	
	23	21	20.32	16.81	1.09	22.99	16.79	1.10	24.26	18.55	1.11	25.99	19.47	1.12	27.81	19.93	1.14	28.67	22.19	1.14	
	32	28	20.03	16.66	1.19	22.66	16.64	1.21	23.92	18.42	1.23	25.61	19.30	1.24	27.39	19.77	1.25	28.30	21.98	1.26	
	41	37	19.78	16.55	1.27	22.38	16.53	1.29	23.62	18.26	1.30	25.31	19.18	1.31	27.08	19.62	1.32	27.91	21.85	1.34	
	50	47	19.95	16.63	1.34	22.59	16.62	1.36	23.83	18.35	1.37	25.53	19.28	1.40	27.32	19.73	1.41	28.17	21.96	1.42	
	59	50	21.08	17.18	1.59	23.87	17.15	1.62	25.18	18.96	1.65	26.97	19.91	1.65	28.86	20.72	1.67	29.76	22.67	1.68	
	67	53	25.02	19.28	1.96	28.32	19.26	1.99	29.86	21.26	2.01	32.00	22.33	2.03	34.23	23.37	2.06	35.29	25.43	2.07	
	77	62	24.67	19.00	2.23	27.91	18.97	2.27	29.43	20.95	2.29	31.54	22.01	2.32	33.74	22.82	2.34	34.79	25.06	2.35	
	87	69	24.07	18.52	2.40	27.25	18.50	2.44	28.73	20.44	2.46	30.79	21.46	2.48	32.94	22.10	2.52	33.97	24.44	2.53	
	95	75	23.32	18.00	2.51	26.39	17.98	2.57	27.83	19.86	2.59	29.34	20.85	2.61	31.89	21.34	2.64	32.89	23.75	2.65	
	104	78	19.86	16.58	2.37	22.49	16.57	2.42	23.72	18.31	2.43	25.41	19.22	2.46	27.19	19.68	2.49	28.03	21.90	2.50	
115	80	14.62	14.59	2.04	16.56	14.56	2.07	17.46	16.09	2.09	18.72	16.90	2.12	20.03	17.30	2.14	20.66	19.27	2.15		
09 + 12	14	12	18.06	15.09	0.87	20.44	15.07	0.89	21.55	16.65	0.89	23.10	17.09	0.90	24.71	17.90	0.90	25.48	19.92	0.91	
	23	21	17.67	14.62	0.95	19.99	14.60	0.96	21.09	16.13	0.97	22.60	16.93	0.97	24.18	17.33	0.99	24.93	19.30	0.99	
	32	28	17.42	14.49	1.04	19.70	14.47	1.06	20.80	16.02	1.07	22.27	16.78	1.08	23.82	17.19	1.08	24.61	19.11	1.09	
	41	37	17.20	14.39	1.10	19.46	14.37	1.12	20.54	15.88	1.13	22.01	16.67	1.14	23.54	17.06	1.15	24.27	19.00	1.16	
	50	47	17.35	14.46	1.16	19.64	14.45	1.18	20.72	15.96	1.19	22.20	16.76	1.21	23.75	17.16	1.22	24.50	19.10	1.23	
	59	50	18.33	14.94	1.38	20.75	14.92	1.41	21.90	16.49	1.43	23.45	17.31	1.43	25.09	18.02	1.45	25.88	19.71	1.46	
	67	53	21.76	16.76	1.70	24.62	16.74	1.73	25.97	18.49	1.75	27.83	19.41	1.76	29.76	20.32	1.79	30.69	22.11	1.80	
	77	62	21.45	16.52	1.94	24.27	16.50	1.98	25.59	18.22	2.00	27.43	19.14	2.01	29.34	19.85	2.03	30.25	21.79	2.04	
	87	69	20.93	16.10	2.08	23.69	16.08	2.12	24.98	17.77	2.14	26.78	18.66	2.16	28.64	19.22	2.19	29.54	21.25	2.20	
	95	75	20.28	15.65	2.19	22.94	15.63	2.23	24.20	17.27	2.25	25.52	18.13	2.27	27.73	18.55	2.30	28.60	20.65	2.30	
	104	78	17.27	14.42	2.06	19.55	14.41	2.10	20.63	15.92	2.11	22.09	16.71	2.14	23.64	17.11	2.16	24.38	19.05	2.17	
115	80	12.71	12.68	1.77	14.40	12.66	1.80	15.18	13.99	1.82	16.28	14.70	1.84	17.42	15.05	1.86	17.96	16.75	1.87		
09 + 18	14	12	20.76	17.35	1.00	23.50	17.33	1.02	24.79	19.15	1.02	26.57	19.65	1.03	28.42	20.58	1.04	29.30	22.91	1.05	
	23	21	20.32	16.81	1.09	22.99	16.79	1.10	24.26	18.55	1.11	25.99	19.47	1.12	27.81	19.93	1.14	28.67	22.19	1.14	
	32	28	20.03	16.66	1.19	22.66	16.64	1.21	23.92	18.42	1.23	25.61	19.30	1.24	27.39	19.77	1.25	28.30	21.98	1.26	
	41	37	19.78	16.55	1.27	22.38	16.53	1.29	23.62	18.26	1.30	25.31	19.18	1.31	27.08	19.62	1.32	27.91	21.85	1.34	
	50	47	19.95	16.63	1.34	22.59	16.62	1.36	23.83	18.35	1.37	25.53	19.28	1.40	27.32	19.73	1.41	28.17	21.96	1.42	
	59	50	21.08	17.18	1.59	23.87	17.15	1.62	25.18	18.96	1.65	26.97	19.91	1.65	28.86	20.72	1.67	29.76	22.67	1.68	
	67	53	25.02	19.28	1.96	28.32	19.26	1.99	29.86	21.26	2.01	32.00	22.33	2.03	34.23	23.37	2.06	35.29	25.43	2.07	
	77	62	24.67	19.00	2.23	27.91	18.97	2.27	29.43	20.95	2.29	31.54	22.01	2.32	33.74	22.82	2.34	34.79	25.06	2.35	
	87	69	24.07	18.52	2.40	27.25	18.50	2.44	28.73	20.44	2.46	30.79	21.46	2.48	32.94	22.10	2.52	33.97	24.44	2.53	
	95	75	23.32	18.00	2.51	26.39	17.98	2.57	27.83	19.86	2.59	29.34	20.85	2.61	31.89	21.34	2.64	32.89	23.75	2.65	
	104	78	19.86	16.58	2.37	22.49	16.57	2.42	23.72	18.31	2.43	25.41	19.22	2.46	27.19	19.68	2.49	28.03	21.90	2.50	
115	80	14.62	14.59	2.04	16.56	14.56	2.07	17.46	16.09	2.09	18.72	16.90	2.12	20.03	17.30	2.14	20.66	19.27	2.15		
12 + 12	14	12	20.63	17.25	0.99	23.36	17.22	1.01	24.63	19.03	1.01	26.40	19.53	1.02	28.24	20.46	1.03	29.12	22.76	1.05	
	23	21	20.19	16.71	1.08	22.85	16.68	1.09	24.11	18.43	1.10	25.83	19.35	1.11	27.63	19.80	1.14	28.50	22.05	1.14	
	32	28	19.91	16.56	1.19	22.52	16.54	1.21	23.78	18.31	1.22	25.45	19.18	1.23	27.22	19.65	1.24	28.12	21.84	1.25	
	41	37	19.66	16.45	1.26	22.24	16.42	1.28	23.47	18.15	1.29	25.15	19.06	1.31	26.91	19.50	1.32	27.74	21.71	1.33	
	50	47	19.83	16.53	1.33	22.45	16.51	1.35	23.69	18.24	1.37	25.38	19.16	1.39	27.15	19.61	1.40	28.00	21.82	1.41	
	59	50	20.95	17.07	1.58	23.72	17.05	1.61	25.02	18.84	1.63	26.81	19.78	1.63	28.68	20.59	1.66	29.57	22.53	1.67	
	67	53	24.07	19.16	1.95	28.14	19.14	1.98	29.68	21.13	2.00	31.80	22.19	2.02	34.01	23.22	2.05	35.07	25.27	2.06	
	77	62	24.52	18.88	2.21	27.74	18.85	2.26	29.25	20.82	2.28	31.34	21.87	2.30	33.53	22.68	2.32	34.57	24.91	2.34	
	87	69	23.92	18.41	2.38	27.08	18.38	2.42	28.55	20.31	2.45	30.60	21.33	2.47	32.73	21.96	2.50	33.75	24.29	2.51	
	95	75	23.17	17.89	2.50	26.22	17.86	2.55	27.66	19.73	2.57	29.16	20.72	2.59	31.70	21.20	2.62	32.68	23.60	2.63	
	104	78	19.74	16.48	2.35	22.35	16.47	2.40	23.57	18.19	2.41	25.25	19.10	2.45	27.02	19.56	2.47	27.86	21.77	2.48	
115	80	14.53	14.49	2.02	16.46	14.47	2.06	17.35	15.99	2.08	18.60	16.80	2.10	19.91	17.20	2.12	20.53	19.15	2.14		
12 + 18	14	12	20.89	17.46	1.00	23.65	17.44	1.02	24.94	19.27	1.02	26.73	19.77	1.04	28.60	20.71	1.05	29.49	23.05	1.06	
	23	21	20.44	16.92	1.09	23.13	16.89	1.11	24.41	18.66	1.12	26.15	19.59	1.13	27.98	20.05	1.15	28.85	22.33	1.15	
	32	28	20.16	16.77	1.20	22.80	16.74	1.22	24.07	18.53	1.23	25.77	19.42	1.24	27.56	19.89	1.25	28.47	22.11	1.27	
	41	37	19.90	16.65	1.28	22.52	16.63	1.30	23.76	18.38	1.31	25.46	19.29	1.32	27.24	19.74	1.33	28.08	21.98	1.34	
	50	47	20.08	16.73	1.35	22.73	16.72	1.37	23.98	18.47	1.38	25.69	19.40	1.41	27.49	19.86	1.42	28.35	22.10	1.43	
	59	50	21.21	17.28	1.60	24.02	17.26	1.63	25.34	19.08	1.66	27.14	20.03	1.66	29.04	20.85	1.68	29.94	22.81	1.69	
	67																				

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 24HPC3-HH-A

### Expanded Cooling Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature																	
			64 °FDB/54 °FWB			70 °FDB/60 °FWB			75 °FDB/63 °FWB			80 °FDB/67 °FWB			85 °FDB/71 °FWB			90 °FDB/73 °FWB		
			TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
Btu/h	°FDB	°FWB	BTU/H	BTU/H	kW	BTU/H	BTU/H	kW	BTU/H	BTU/H	kW	BTU/H	BTU/H	kW	BTU/H	BTU/H	kW	BTU/H	BTU/H	kW
07 + 07 + 09	14	12	20.76	17.35	1.00	23.50	17.33	1.02	24.79	19.15	1.02	26.57	19.65	1.03	28.42	20.58	1.04	29.30	22.91	1.05
	23	21	20.32	16.81	1.09	22.99	16.79	1.10	24.26	18.55	1.11	25.99	19.47	1.12	27.81	19.93	1.14	28.67	22.19	1.14
	32	28	20.03	16.66	1.19	22.66	16.64	1.21	23.92	18.42	1.23	25.61	19.30	1.24	27.39	19.77	1.25	28.30	21.98	1.26
	41	37	19.78	16.55	1.27	22.38	16.53	1.29	23.62	18.26	1.30	25.31	19.18	1.31	27.08	19.62	1.32	27.91	21.85	1.34
	50	47	19.95	16.63	1.34	22.59	16.62	1.36	23.83	18.35	1.37	25.53	19.28	1.40	27.32	19.73	1.41	28.17	21.96	1.42
	59	50	21.08	17.18	1.59	23.87	17.15	1.62	25.18	18.96	1.65	26.97	19.91	1.65	28.86	20.72	1.67	29.76	22.67	1.68
	67	53	25.02	19.28	1.96	28.32	19.26	1.99	29.86	21.26	2.01	32.00	22.33	2.03	34.23	23.37	2.06	35.29	25.43	2.07
	77	62	24.67	19.00	2.23	27.91	18.97	2.27	29.43	20.95	2.29	31.54	22.01	2.32	33.74	22.82	2.34	34.79	25.06	2.35
	87	69	24.07	18.52	2.40	27.25	18.50	2.44	28.73	20.44	2.46	30.79	21.46	2.48	32.94	22.10	2.52	33.97	24.44	2.53
	95	75	23.32	18.00	2.51	26.39	17.98	2.57	27.83	19.86	2.59	29.34	20.85	2.61	31.89	21.34	2.64	32.89	23.75	2.65
	104	78	19.86	16.58	2.37	22.49	16.57	2.42	23.72	18.31	2.43	25.41	19.22	2.46	27.19	19.68	2.49	28.03	21.90	2.50
	115	80	14.62	14.59	2.04	16.56	14.56	2.07	17.46	16.09	2.09	18.72	16.90	2.12	20.03	17.30	2.14	20.66	19.27	2.15
	14	12	20.89	17.46	1.00	23.65	17.44	1.02	24.94	19.27	1.02	26.73	19.77	1.04	28.60	20.71	1.05	29.49	23.05	1.06
	23	21	20.44	16.92	1.09	23.13	16.89	1.11	24.41	18.66	1.12	26.15	19.59	1.13	27.98	20.05	1.15	28.85	22.33	1.15
	32	28	20.16	16.77	1.20	22.80	16.74	1.22	24.07	18.53	1.23	25.77	19.42	1.24	27.56	19.89	1.25	28.47	22.11	1.27
41	37	19.90	16.65	1.28	22.52	16.63	1.30	23.76	18.38	1.31	25.46	19.29	1.32	27.24	19.74	1.33	28.08	21.98	1.34	
50	47	20.08	16.73	1.35	22.73	16.72	1.37	23.98	18.47	1.38	25.69	19.40	1.41	27.49	19.86	1.42	28.35	22.10	1.43	
59	50	21.21	17.28	1.60	24.02	17.26	1.63	25.34	19.08	1.66	27.14	20.03	1.66	29.04	20.85	1.68	29.94	22.81	1.69	
67	53	25.18	19.40	1.97	28.49	19.37	2.00	30.05	21.40	2.02	32.20	22.46	2.04	34.44	23.51	2.07	35.51	25.59	2.08	
77	62	24.82	19.11	2.24	28.09	19.09	2.29	29.62	21.08	2.31	31.74	22.14	2.33	33.95	22.96	2.35	35.00	25.22	2.37	
87	69	24.22	18.64	2.41	27.41	18.61	2.45	28.91	20.57	2.48	30.98	21.60	2.50	33.14	22.23	2.53	34.18	24.59	2.54	
95	75	23.46	18.11	2.53	26.55	18.09	2.58	28.01	19.98	2.60	29.52	20.98	2.62	32.09	21.47	2.66	33.09	23.90	2.67	
104	78	19.98	16.69	2.38	22.63	16.67	2.43	23.87	18.42	2.44	25.57	19.34	2.48	27.36	19.80	2.50	28.21	22.04	2.51	
115	80	14.71	14.68	2.05	16.66	14.65	2.08	17.57	16.19	2.11	18.83	17.01	2.13	20.16	17.41	2.15	20.79	19.39	2.16	
14	12	20.76	17.35	1.00	23.50	17.33	1.02	24.79	19.15	1.02	26.57	19.65	1.03	28.42	20.58	1.04	29.30	22.91	1.05	
23	21	20.32	16.81	1.09	22.99	16.79	1.10	24.26	18.55	1.11	25.99	19.47	1.12	27.81	19.93	1.14	28.67	22.19	1.14	
32	28	20.03	16.66	1.19	22.66	16.64	1.21	23.92	18.42	1.23	25.61	19.30	1.24	27.39	19.77	1.25	28.30	21.98	1.26	
41	37	19.78	16.55	1.27	22.38	16.53	1.29	23.62	18.26	1.30	25.31	19.18	1.31	27.08	19.62	1.32	27.91	21.85	1.34	
50	47	19.95	16.63	1.34	22.59	16.62	1.36	23.83	18.35	1.37	25.53	19.28	1.40	27.32	19.73	1.41	28.17	21.96	1.42	
59	50	21.08	17.18	1.59	23.87	17.15	1.62	25.18	18.96	1.65	26.97	19.91	1.65	28.86	20.72	1.67	29.76	22.67	1.68	
67	53	25.02	19.28	1.96	28.32	19.26	1.99	29.86	21.26	2.01	32.00	22.33	2.03	34.23	23.37	2.06	35.29	25.43	2.07	
77	62	24.67	19.00	2.23	27.91	18.97	2.27	29.43	20.95	2.29	31.54	22.01	2.32	33.74	22.82	2.34	34.79	25.06	2.35	
87	69	24.07	18.52	2.40	27.25	18.50	2.44	28.73	20.44	2.46	30.79	21.46	2.48	32.94	22.10	2.52	33.97	24.44	2.53	
95	75	23.32	18.00	2.51	26.39	17.98	2.57	27.83	19.86	2.59	29.34	20.85	2.61	31.89	21.34	2.64	32.89	23.75	2.65	
104	78	19.86	16.58	2.37	22.49	16.57	2.42	23.72	18.31	2.43	25.41	19.22	2.46	27.19	19.68	2.49	28.03	21.90	2.50	
115	80	14.62	14.59	2.04	16.56	14.56	2.07	17.46	16.09	2.09	18.72	16.90	2.12	20.03	17.30	2.14	20.66	19.27	2.15	
14	12	20.89	17.46	1.00	23.65	17.44	1.02	24.94	19.27	1.02	26.73	19.77	1.04	28.60	20.71	1.05	29.49	23.05	1.06	
23	21	20.44	16.92	1.09	23.13	16.89	1.11	24.41	18.66	1.12	26.15	19.59	1.13	27.98	20.05	1.15	28.85	22.33	1.15	
32	28	20.16	16.77	1.20	22.80	16.74	1.22	24.07	18.53	1.23	25.77	19.42	1.24	27.56	19.89	1.25	28.47	22.11	1.27	
41	37	19.90	16.65	1.28	22.52	16.63	1.30	23.76	18.38	1.31	25.46	19.29	1.32	27.24	19.74	1.33	28.08	21.98	1.34	
50	47	20.08	16.73	1.35	22.73	16.72	1.37	23.98	18.47	1.38	25.69	19.40	1.41	27.49	19.86	1.42	28.35	22.10	1.43	
59	50	21.21	17.28	1.60	24.02	17.26	1.63	25.34	19.08	1.66	27.14	20.03	1.66	29.04	20.85	1.68	29.94	22.81	1.69	
67	53	25.18	19.40	1.97	28.49	19.37	2.00	30.05	21.40	2.02	32.20	22.46	2.04	34.44	23.51	2.07	35.51	25.59	2.08	
77	62	24.82	19.11	2.24	28.09	19.09	2.29	29.62	21.08	2.31	31.74	22.14	2.33	33.95	22.96	2.35	35.00	25.22	2.37	
87	69	24.22	18.64	2.41	27.41	18.61	2.45	28.91	20.57	2.48	30.98	21.60	2.50	33.14	22.23	2.53	34.18	24.59	2.54	
95	75	23.46	18.11	2.53	26.55	18.09	2.58	28.01	19.98	2.60	29.52	20.98	2.62	32.09	21.47	2.66	33.09	23.90	2.67	
104	78	19.98	16.69	2.38	22.63	16.67	2.43	23.87	18.42	2.44	25.57	19.34	2.48	27.36	19.80	2.50	28.21	22.04	2.51	
115	80	14.71	14.68	2.05	16.66	14.65	2.08	17.57	16.19	2.11	18.83	17.01	2.13	20.16	17.41	2.15	20.79	19.39	2.16	
14	12	20.76	17.35	1.00	23.50	17.33	1.02	24.79	19.15	1.02	26.57	19.65	1.03	28.42	20.58	1.04	29.30	22.91	1.05	
23	21	20.32	16.81	1.09	22.99	16.79	1.10	24.26	18.55	1.11	25.99	19.47	1.12	27.81	19.93	1.14	28.67	22.19	1.14	
32	28	20.03	16.66	1.19	22.66	16.64	1.21	23.92	18.42	1.23	25.61	19.30	1.24	27.39	19.77	1.25	28.30	21.98	1.26	
41	37	19.78	16.55	1.27	22.38	16.53	1.29	23.62	18.26	1.30	25.31	19.18	1.31	27.08	19.62	1.32	27.91	21.85	1.34	
50	47	19.95	16.63	1.34	22.59	16.62	1.36	23.83	18.35	1.37	25.53	19.28	1.40	27.32	19.73	1.41	28.17	21.96	1.42	
59	50	21.08	17.18	1.59	23.87	17.15	1.62	25.18	18.96	1.65	26.97	19.91	1.65	28.86	20.72	1.67	29.76	22.67	1.68	
67	53	25.02	19.28	1.96	28.32	19.26	1.99	29.86	21.26	2.01	32.00	22.33	2.03	34.23	23.37	2.06	35.29	25.43	2.07	
77	62	24.67	19.00	2.23	27.91	18.97	2.27	29.43	20.95	2.29	31.54	22.01	2.32	33.74	22.82	2.34	34.79	25.06	2.35	
87	69	24.07	18.52	2.40	27.25	18.50	2.44	28.73	20.44	2.46	30.79	21.46	2.48	32.94	22.10	2.52	33.97	24.44	2.53	
95	75	23.32	18.00	2.51	26.39	17.98	2.57	27.83	19.86	2.59	29.34	20.85	2.61	31.89	21.34	2.64	32.89	23.75	2.65	
104	78	19.86	16.58	2.37	22.49	16.57	2.42	23.72	18.31	2.43	25.41	19.22	2.46	27.19	19.68	2.49	28.03	21.90	2.50	
115	80	14.62	14.59	2.04	16.56	14.56	2.07	17.46	16.09	2.09	18.72	16.90								

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 24HPC3-HH-A

### Expanded Cooling Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature																	
			64 °FDB/54 °FWB			70 °FDB/60 °FWB			75 °FDB/63 °FWB			80 °FDB/67 °FWB			85 °FDB/71 °FWB			90 °FDB/73 °FWB		
Btu/h	°FDB	°FWB	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
09 + 09 + 12	14	12	20.89	17.46	1.00	23.65	17.44	1.02	24.94	19.27	1.02	26.73	19.77	1.04	28.60	20.71	1.05	29.49	23.05	1.06
	23	21	20.44	16.92	1.09	23.13	16.89	1.11	24.41	18.66	1.12	26.15	19.59	1.13	27.98	20.05	1.15	28.85	22.33	1.15
	32	28	20.16	16.77	1.20	22.80	16.74	1.22	24.07	18.53	1.23	25.77	19.42	1.24	27.56	19.89	1.25	28.47	22.11	1.27
	41	37	19.90	16.65	1.28	22.52	16.63	1.30	23.76	18.38	1.31	25.46	19.29	1.32	27.24	19.74	1.33	28.08	21.98	1.34
	50	47	20.08	16.73	1.35	22.73	16.72	1.37	23.98	18.47	1.38	25.69	19.40	1.41	27.49	19.86	1.42	28.35	22.10	1.43
	59	50	21.21	17.28	1.60	24.02	17.26	1.63	25.34	19.08	1.66	27.14	20.03	1.66	29.04	20.85	1.68	29.94	22.81	1.69
	67	53	25.18	19.40	1.97	28.49	19.37	2.00	30.05	21.40	2.02	32.20	22.46	2.04	34.44	23.51	2.07	35.51	25.59	2.08
	77	62	24.82	19.11	2.24	28.09	19.09	2.29	29.62	21.08	2.31	31.74	22.14	2.33	33.95	22.96	2.35	35.00	25.22	2.37
	87	69	24.22	18.64	2.41	27.41	18.61	2.45	28.91	20.57	2.48	30.98	21.60	2.50	33.14	22.23	2.53	34.18	24.59	2.54
	95	75	23.46	18.11	2.53	26.55	18.09	2.58	28.01	19.98	2.60	29.52	20.98	2.62	32.09	21.47	2.66	33.09	23.90	2.67
	104	78	19.98	16.69	2.38	22.63	16.67	2.43	23.87	18.42	2.44	25.57	19.34	2.48	27.36	19.80	2.50	28.21	22.04	2.51
	115	80	14.71	14.68	2.05	16.66	14.65	2.08	17.57	16.19	2.11	18.83	17.01	2.13	20.16	17.41	2.15	20.79	19.39	2.16

TC = Total Capacity (Gross)

SHC = Sensible Heat Capacity (Gross)

IP = Input Power (Including the compressor, evaporator fan motor, and condenser fan motor)

Notes:

2 or more indoor units should be connected to outdoor Heat Pump.

The total capacity of connected indoor units is from 21,000 Btu/h to 31,000 Btu/h

Input in the tables are calculated based on the maximum indoor unit input combinations.

Capacity loss due to white frost and defrost operation is not reflected above.

Specifications are based on the following:

- Power source 230V.
- Pipe length of 24.6', with a height difference between indoor fan coil and outdoor HP of 0'.
- Indoor fan coil High fan speed.

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 24HPC3-HH-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
			TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
Btu/h	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
07 + 18	-13	-15	17.11	2.40	16.91	2.45	16.80	2.50	16.33	2.55	15.78	2.60
	-5	-7	20.83	2.94	20.29	2.99	19.79	3.07	19.39	3.12	18.80	3.18
	5	3	25.11	3.47	24.50	3.55	24.00	3.62	23.71	3.69	23.14	3.76
	14	12	28.62	3.59	27.91	3.66	26.16	3.75	26.54	3.82	25.81	3.89
	23	19	29.55	3.64	28.82	3.71	27.59	3.79	27.44	3.87	26.70	3.94
	32	28	31.42	3.50	30.61	3.57	29.97	3.64	29.10	3.72	28.35	3.79
	41	37	32.97	3.34	32.11	3.41	31.46	3.47	30.58	3.55	29.82	3.62
	47	43	34.53	3.09	33.64	3.10	33.05	3.17	32.09	3.23	31.21	3.30
	50	47	31.39	2.77	30.58	2.79	30.04	2.85	29.18	2.91	28.37	2.97
	59	50	28.18	2.45	27.46	2.47	26.97	2.53	26.19	2.59	25.47	2.63
09 + 12	68	59	24.90	2.14	24.26	2.16	23.83	2.21	23.15	2.26	22.51	2.30
	75	65	17.96	1.52	17.50	1.54	17.19	1.58	16.69	1.61	16.23	1.64
	-13	-15	16.40	2.40	16.21	2.45	16.10	2.50	15.65	2.55	15.12	2.60
	-5	-7	19.96	2.94	19.44	2.99	18.97	3.07	18.58	3.12	18.01	3.18
	5	3	24.06	3.47	23.48	3.55	23.00	3.62	22.72	3.69	22.18	3.76
	14	12	26.68	3.49	26.01	3.56	24.39	3.64	24.74	3.71	24.06	3.78
	23	19	26.78	3.44	26.13	3.51	25.01	3.58	24.87	3.66	24.20	3.73
	32	28	27.70	3.22	26.99	3.28	26.42	3.35	25.66	3.43	24.99	3.49
	41	37	28.27	2.99	27.54	3.05	26.97	3.10	26.22	3.17	25.57	3.24
	47	43	28.79	2.69	28.05	2.70	27.56	2.76	26.76	2.81	26.02	2.87
09 + 18	50	47	26.17	2.41	25.50	2.43	25.05	2.48	24.33	2.53	23.66	2.58
	59	50	23.50	2.13	22.90	2.15	22.49	2.20	21.84	2.25	21.24	2.29
	68	59	20.76	1.86	20.23	1.88	19.87	1.92	19.30	1.96	18.77	2.00
	75	65	14.98	1.32	14.59	1.34	14.33	1.37	13.92	1.40	13.54	1.42
	-13	-15	17.11	2.40	16.91	2.45	16.80	2.50	16.33	2.55	15.78	2.60
	-5	-7	20.83	2.94	20.29	2.99	19.79	3.07	19.39	3.12	18.80	3.18
	5	3	25.11	3.47	24.50	3.55	24.00	3.62	23.71	3.69	23.14	3.76
	14	12	28.62	3.59	27.91	3.66	26.16	3.75	26.54	3.82	25.81	3.89
	23	19	29.55	3.64	28.82	3.71	27.59	3.79	27.44	3.87	26.70	3.94
	32	28	31.42	3.50	30.61	3.57	29.97	3.64	29.10	3.72	28.35	3.79
12 + 12	41	37	32.97	3.34	32.11	3.41	31.46	3.47	30.58	3.55	29.82	3.62
	47	43	34.53	3.09	33.64	3.10	33.05	3.17	32.09	3.23	31.21	3.30
	50	47	31.39	2.77	30.58	2.79	30.04	2.85	29.18	2.91	28.37	2.97
	59	50	28.18	2.45	27.46	2.47	26.97	2.53	26.19	2.59	25.47	2.63
	68	59	24.90	2.14	24.26	2.16	23.83	2.21	23.15	2.26	22.51	2.30
	75	65	17.96	1.52	17.50	1.54	17.19	1.58	16.69	1.61	16.23	1.64
	-13	-15	17.11	2.40	16.91	2.45	16.80	2.50	16.33	2.55	15.78	2.60
	-5	-7	20.83	2.94	20.29	2.99	19.79	3.07	19.39	3.12	18.80	3.18
	5	3	25.11	3.47	24.50	3.55	24.00	3.62	23.71	3.69	23.14	3.76
	14	12	28.36	3.56	27.65	3.63	25.92	3.71	26.30	3.78	25.57	3.85
12 + 18	23	19	29.01	3.57	28.30	3.65	27.09	3.72	26.95	3.80	26.21	3.87
	32	28	30.58	3.41	29.80	3.48	29.17	3.54	28.33	3.62	27.59	3.69
	41	37	31.81	3.23	30.99	3.29	30.35	3.34	29.51	3.42	28.77	3.49
	47	43	33.03	2.95	32.19	2.97	31.62	3.03	30.70	3.09	29.86	3.16
	50	47	30.03	2.65	29.26	2.67	28.74	2.73	27.91	2.78	27.14	2.84
	59	50	26.96	2.35	26.27	2.36	25.80	2.42	25.06	2.48	24.37	2.51
	68	59	23.82	2.05	23.21	2.07	22.80	2.11	22.14	2.16	21.53	2.20
	75	65	17.18	1.45	16.74	1.47	16.45	1.51	15.97	1.54	15.53	1.57
	-13	-15	17.11	2.40	16.91	2.45	16.80	2.50	16.33	2.55	15.78	2.60
	-5	-7	20.83	2.94	20.29	2.99	19.79	3.07	19.39	3.12	18.80	3.18
07 + 07 + 07	5	3	25.11	3.47	24.50	3.55	24.00	3.62	23.71	3.69	23.14	3.76
	14	12	29.01	3.64	28.29	3.71	26.52	3.80	26.91	3.87	26.16	3.94
	23	19	30.34	3.74	29.60	3.81	28.34	3.89	28.18	3.97	27.42	4.05
	32	28	32.68	3.64	31.84	3.71	31.16	3.79	30.27	3.87	29.48	3.95
	41	37	34.70	3.52	33.80	3.59	33.11	3.65	32.19	3.73	31.39	3.81
	47	43	36.77	3.29	35.83	3.31	35.19	3.38	34.18	3.44	33.23	3.51
	50	47	33.43	2.95	32.57	2.97	31.99	3.04	31.07	3.10	30.21	3.16
	59	50	30.01	2.61	29.24	2.63	28.72	2.70	27.89	2.76	27.12	2.80
	68	59	26.52	2.28	25.84	2.30	25.38	2.35	24.65	2.40	23.97	2.45
	75	65	19.13	1.62	18.64	1.64	18.31	1.68	17.78	1.71	17.29	1.74
07 + 07 + 07	-13	-15	17.11	2.40	16.91	2.45	16.80	2.50	16.33	2.55	15.78	2.60
	-5	-7	20.83	2.94	20.29	2.99	19.79	3.07	19.39	3.12	18.80	3.18
	5	3	25.11	3.47	24.50	3.55	24.00	3.62	23.71	3.69	23.14	3.76
	14	12	28.62	3.59	27.91	3.66	26.16	3.75	26.54	3.82	25.81	3.89
	23	19	29.55	3.64	28.82	3.71	27.59	3.79	27.44	3.87	26.70	3.94
	32	28	31.42	3.50	30.61	3.57	29.97	3.64	29.10	3.72	28.35	3.79
	41	37	32.97	3.34	32.11	3.41	31.46	3.47	30.58	3.55	29.82	3.62
	47	43	34.53	3.09	33.64	3.10	33.05	3.17	32.09	3.23	31.21	3.30
	50	47	31.39	2.77	30.58	2.79	30.04	2.85	29.18	2.91	28.37	2.97
	59	50	28.18	2.45	27.46	2.47	26.97	2.53	26.19	2.59	25.47	2.63
68	59	24.90	2.14	24.26	2.16	23.83	2.21	23.15	2.26	22.51	2.30	
75	65	17.96	1.52	17.50	1.54	17.19	1.58	16.69	1.61	16.23	1.64	

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 24HPC3-HH-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
			TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
Btu/h	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
07 + 07 + 09	-13	-15	17.11	2.40	16.91	2.45	16.80	2.50	16.33	2.55	15.78	2.60
	-5	-7	20.83	2.94	20.29	2.99	19.79	3.07	19.39	3.12	18.80	3.18
	5	3	25.11	3.47	24.50	3.55	24.00	3.62	23.71	3.69	23.14	3.76
	14	12	28.62	3.59	27.91	3.66	26.16	3.75	26.54	3.82	25.81	3.89
	23	19	29.55	3.64	28.82	3.71	27.59	3.79	27.44	3.87	26.70	3.94
	32	28	31.42	3.50	30.61	3.57	29.97	3.64	29.10	3.72	28.35	3.79
	41	37	32.97	3.34	32.11	3.41	31.46	3.47	30.58	3.55	29.82	3.62
	47	43	34.53	3.09	33.64	3.10	33.05	3.17	32.09	3.23	31.21	3.30
	50	47	31.39	2.77	30.58	2.79	30.04	2.85	29.18	2.91	28.37	2.97
	59	50	28.18	2.45	27.46	2.47	26.97	2.53	26.19	2.59	25.47	2.63
07 + 07 + 12	68	59	24.90	2.14	24.26	2.16	23.83	2.21	23.15	2.26	22.51	2.30
	75	65	17.96	1.52	17.50	1.54	17.19	1.58	16.69	1.61	16.23	1.64
	-13	-15	17.11	2.40	16.91	2.45	16.80	2.50	16.33	2.55	15.78	2.60
	-5	-7	20.83	2.94	20.29	2.99	19.79	3.07	19.39	3.12	18.80	3.18
	5	3	25.11	3.47	24.50	3.55	24.00	3.62	23.71	3.69	23.14	3.76
	14	12	29.01	3.64	28.29	3.71	26.52	3.80	26.91	3.87	26.16	3.94
	23	19	30.34	3.74	29.60	3.81	28.34	3.89	28.18	3.97	27.42	4.05
	32	28	32.68	3.64	31.84	3.71	31.16	3.79	30.27	3.87	29.48	3.95
	41	37	34.70	3.52	33.80	3.59	33.11	3.65	32.19	3.73	31.39	3.81
	47	43	36.77	3.29	35.83	3.31	35.19	3.38	34.18	3.44	33.23	3.51
07 + 09 + 09	50	47	33.43	2.95	32.57	2.97	31.99	3.04	31.07	3.10	30.21	3.16
	59	50	30.01	2.61	29.24	2.63	28.72	2.70	27.89	2.76	27.12	2.80
	68	59	26.52	2.28	25.84	2.30	25.38	2.35	24.65	2.40	23.97	2.45
	75	65	19.13	1.62	18.64	1.64	18.31	1.68	17.78	1.71	17.29	1.74
	-13	-15	17.11	2.40	16.91	2.45	16.80	2.50	16.33	2.55	15.78	2.60
	-5	-7	20.83	2.94	20.29	2.99	19.79	3.07	19.39	3.12	18.80	3.18
	5	3	25.11	3.47	24.50	3.55	24.00	3.62	23.71	3.69	23.14	3.76
	14	12	28.62	3.59	27.91	3.66	26.16	3.75	26.54	3.82	25.81	3.89
	23	19	29.55	3.64	28.82	3.71	27.59	3.79	27.44	3.87	26.70	3.94
	32	28	31.42	3.50	30.61	3.57	29.97	3.64	29.10	3.72	28.35	3.79
07 + 09 + 12	41	37	32.97	3.34	32.11	3.41	31.46	3.47	30.58	3.55	29.82	3.62
	47	43	34.53	3.09	33.64	3.10	33.05	3.17	32.09	3.23	31.21	3.30
	50	47	31.39	2.77	30.58	2.79	30.04	2.85	29.18	2.91	28.37	2.97
	59	50	28.18	2.45	27.46	2.47	26.97	2.53	26.19	2.59	25.47	2.63
	68	59	24.90	2.14	24.26	2.16	23.83	2.21	23.15	2.26	22.51	2.30
	75	65	17.96	1.52	17.50	1.54	17.19	1.58	16.69	1.61	16.23	1.64
	-13	-15	17.11	2.40	16.91	2.45	16.80	2.50	16.33	2.55	15.78	2.60
	-5	-7	20.83	2.94	20.29	2.99	19.79	3.07	19.39	3.12	18.80	3.18
	5	3	25.11	3.47	24.50	3.55	24.00	3.62	23.71	3.69	23.14	3.76
	14	12	29.01	3.64	28.29	3.71	26.52	3.80	26.91	3.87	26.16	3.94
07 + 12 + 12	23	19	30.34	3.74	29.60	3.81	28.34	3.89	28.18	3.97	27.42	4.05
	32	28	32.68	3.64	31.84	3.71	31.16	3.79	30.27	3.87	29.48	3.95
	41	37	34.70	3.52	33.80	3.59	33.11	3.65	32.19	3.73	31.39	3.81
	47	43	36.77	3.29	35.83	3.31	35.19	3.38	34.18	3.44	33.23	3.51
	50	47	33.43	2.95	32.57	2.97	31.99	3.04	31.07	3.10	30.21	3.16
	59	50	30.01	2.61	29.24	2.63	28.72	2.70	27.89	2.76	27.12	2.80
	68	59	26.52	2.28	25.84	2.30	25.38	2.35	24.65	2.40	23.97	2.45
	75	65	19.13	1.62	18.64	1.64	18.31	1.68	17.78	1.71	17.29	1.74
	-13	-15	17.11	2.40	16.91	2.45	16.80	2.50	16.33	2.55	15.78	2.60
	-5	-7	20.83	2.94	20.29	2.99	19.79	3.07	19.39	3.12	18.80	3.18
09 + 09 + 09	5	3	25.11	3.47	24.50	3.55	24.00	3.62	23.71	3.69	23.14	3.76
	14	12	29.27	3.67	28.55	3.75	26.76	3.83	27.15	3.90	26.40	3.98
	23	19	30.88	3.80	30.12	3.88	28.83	3.96	28.68	4.04	27.90	4.12
	32	28	33.52	3.73	32.65	3.81	31.96	3.88	31.04	3.97	30.24	4.05
	41	37	35.86	3.64	34.93	3.71	34.22	3.77	33.27	3.86	32.44	3.93
	47	43	38.26	3.42	37.28	3.44	36.62	3.51	35.57	3.58	34.59	3.66
	50	47	34.79	3.07	33.89	3.09	33.29	3.16	32.33	3.23	31.44	3.29
	59	50	31.23	2.72	30.43	2.74	29.89	2.80	29.03	2.87	28.23	2.91
	68	59	27.60	2.37	26.89	2.39	26.41	2.45	25.65	2.50	24.94	2.55
	75	65	19.90	1.68	19.39	1.70	19.05	1.75	18.50	1.78	17.99	1.81

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 24HPC3-HH-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
			TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
Btu/h	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
09 + 09 + 12	-13	-15	17.11	2.40	16.91	2.45	16.80	2.50	16.33	2.55	15.78	2.60
	-5	-7	20.83	2.94	20.29	2.99	19.79	3.07	19.39	3.12	18.80	3.18
	5	3	25.11	3.47	24.50	3.55	24.00	3.62	23.71	3.69	23.14	3.76
	14	12	29.01	3.64	28.29	3.71	26.52	3.80	26.91	3.87	26.16	3.94
	23	19	30.34	3.74	29.60	3.81	28.34	3.89	28.18	3.97	27.42	4.05
	32	28	32.68	3.64	31.84	3.71	31.16	3.79	30.27	3.87	29.48	3.95
	41	37	34.70	3.52	33.80	3.59	33.11	3.65	32.19	3.73	31.39	3.81
	47	43	36.77	3.29	35.83	3.31	35.19	3.38	34.18	3.44	33.23	3.51
	50	47	33.43	2.95	32.57	2.97	31.99	3.04	31.07	3.10	30.21	3.16
	59	50	30.01	2.61	29.24	2.63	28.72	2.70	27.89	2.76	27.12	2.80
	68	59	26.52	2.28	25.84	2.30	25.38	2.35	24.65	2.40	23.97	2.45
	75	65	19.13	1.62	18.64	1.64	18.31	1.68	17.78	1.71	17.29	1.74

TC = Total Capacity (Gross)

SHC = Sensible Heat Capacity (Gross)

IP = Input Power (Including the compressor, evaporator fan motor, and condenser fan motor)

**Notes:**

2 or more indoor units should be connected to outdoor Heat Pump.

The total capacity of connected indoor units is from 21,000 Btu/h to 31,000 Btu/h

Input in the tables are calculated based on the maximum indoor unit input combinations.

Capacity loss due to white frost and defrost operation is not reflected above.

Specifications are based on the following:

- Power source 230V.
- Pipe length of 24.6', with a height difference between indoor fan coil and outdoor HP of 0'.
- Indoor fan coil High fan speed.





# Multi Manufacturing HPC Multi Split Expanded Ratings

## 36HPC4-HH-A

### Expanded Cooling Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature																						
			64 °FDB/54 °FWB			70 °FDB/60 °FWB			75 °FDB/63 °FWB			80 °FDB/67 °FWB			85 °FDB/71 °FWB			90 °FDB/73 °FWB							
			TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP					
Btu/h	°FDB	°FWB	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW					
07 + 07 + 18	14	12	27.94	22.43	1.73	31.63	22.40	1.77	33.36	24.75	1.77	35.75	25.40	1.79	38.25	26.40	1.81	39.44	29.23	1.83					
	07 + 07 + 24	14	12	28.97	23.25	1.79	32.79	23.22	1.83	34.58	25.66	1.83	37.06	26.33	1.85	39.65	27.37	1.87	40.88	30.30	1.89				
		07 + 09 + 18	14	12	27.94	22.43	1.73	31.63	22.40	1.77	33.36	24.75	1.77	35.75	25.40	1.79	38.25	26.40	1.81	39.44	29.23	1.83			
			07 + 09 + 24	14	12	28.97	23.25	1.79	32.79	23.22	1.83	34.58	25.66	1.83	37.06	26.33	1.85	39.65	27.37	1.87	40.88	30.30	1.89		
				07 + 12 + 12	14	12	27.43	22.02	1.70	31.05	21.99	1.74	32.75	24.30	1.74	35.10	24.94	1.76	37.55	25.92	1.78	38.72	28.70	1.79	
					07 + 12 + 18	14	12	28.54	22.91	1.77	32.30	22.88	1.81	34.07	25.28	1.81	36.52	25.95	1.83	39.07	26.97	1.85	40.28	29.86	1.87













# Multi Manufacturing HPC Multi Split Expanded Ratings

## 36HPC4-HH-A

### Expanded Cooling Ratings

TC = Total Capacity (Gross)

SHC = Sensible Heat Capacity (Gross)

IP = Input Power (Including the compressor, evaporator fan motor, and condenser fan motor)

#### Notes:

2 or more indoor units should be connected to outdoor Heat Pump.

The total capacity of connected indoor units is from 30,000 Btu/h to 46,000 Btu/h

Input in the tables are calculated based on the maximum indoor unit input combinations.

Capacity loss due to white frost and defrost operation is not reflected above.

Specifications are based on the following:

- Power source 230V.
- Pipe length of 24.6', with a height difference between indoor fan coil and outdoor HP of 0'.
- Indoor fan coil High fan speed.



# Multi Manufacturing HPC Multi Split Expanded Ratings

## 36HPC4-HH-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
			TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
Btu/h	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
07 + 24	-13	-15	23.53	3.40	23.25	3.45	23.10	4.50	22.45	3.55	21.70	3.60
	-5	-7	28.63	3.94	27.90	3.99	27.21	4.07	26.66	4.12	25.84	4.18
	5	3	34.53	4.47	33.69	4.55	33.00	4.62	32.60	4.69	31.82	4.76
	14	12	39.26	5.12	38.29	5.20	35.89	5.30	36.41	5.38	35.41	5.46
	23	19	40.44	5.35	39.45	5.44	37.76	5.52	37.56	5.62	36.54	5.71
	32	28	42.92	5.52	41.81	5.61	40.93	5.70	39.75	5.81	38.72	5.90
	41	37	44.93	5.81	43.77	5.90	42.88	5.98	41.68	6.10	40.64	6.20
	47	43	46.96	5.58	45.76	5.61	44.95	5.70	43.65	5.80	42.45	5.90
	50	47	42.69	4.83	41.60	4.86	40.86	4.95	39.68	5.03	38.59	5.11
	59	50	38.33	4.15	37.35	4.18	36.68	4.25	35.63	4.33	34.64	4.38
09 + 24	68	59	33.87	3.54	33.00	3.57	32.42	3.62	31.48	3.68	30.61	3.73
	75	65	24.43	2.80	23.80	2.83	23.38	2.87	22.71	2.91	22.08	2.94
	-13	-15	23.53	3.40	23.25	3.45	23.10	4.50	22.45	3.55	21.70	3.60
	-5	-7	28.63	3.94	27.90	3.99	27.21	4.07	26.66	4.12	25.84	4.18
	5	3	34.53	4.47	33.69	4.55	33.00	4.62	32.60	4.69	31.82	4.76
	14	12	39.26	5.12	38.29	5.20	35.89	5.30	36.41	5.38	35.41	5.46
	23	19	40.44	5.35	39.45	5.44	37.76	5.52	37.56	5.62	36.54	5.71
	32	28	42.92	5.52	41.81	5.61	40.93	5.70	39.75	5.81	38.72	5.90
	41	37	44.93	5.81	43.77	5.90	42.88	5.98	41.68	6.10	40.64	6.20
	47	43	46.96	5.58	45.76	5.61	44.95	5.70	43.65	5.80	42.45	5.90
12 + 18	50	47	42.69	4.83	41.60	4.86	40.86	4.95	39.68	5.03	38.59	5.11
	59	50	38.33	4.15	37.35	4.18	36.68	4.25	35.63	4.33	34.64	4.38
	68	59	33.87	3.54	33.00	3.57	32.42	3.62	31.48	3.68	30.61	3.73
	75	65	24.43	2.80	23.80	2.83	23.38	2.87	22.71	2.91	22.08	2.94
	-13	-15	21.39	3.40	21.14	3.45	21.00	3.50	20.41	3.55	19.73	3.60
	-5	-7	26.03	3.94	25.36	3.99	24.74	4.07	24.24	4.12	23.49	4.18
	5	3	31.39	4.47	30.63	4.55	30.00	4.62	29.64	4.69	28.93	4.76
	14	12	35.53	5.10	34.65	5.18	32.48	5.28	32.95	5.36	32.04	5.44
	23	19	36.43	5.31	35.54	5.40	34.02	5.48	33.84	5.58	32.92	5.67
	32	28	38.49	5.46	37.50	5.55	36.71	5.64	35.65	5.74	34.73	5.83
12 + 24	41	37	40.12	5.72	39.09	5.81	38.29	5.89	37.22	6.01	36.29	6.11
	47	43	41.76	5.48	40.69	5.51	39.97	5.60	38.81	5.69	37.74	5.79
	50	47	37.96	4.75	36.99	4.78	36.33	4.86	35.29	4.94	34.31	5.02
	59	50	34.08	4.08	33.21	4.11	32.62	4.18	31.68	4.25	30.80	4.30
	68	59	30.12	3.48	29.34	3.51	28.82	3.56	27.99	3.62	27.22	3.67
	75	65	21.72	2.76	21.17	2.79	20.79	2.83	20.19	2.87	19.63	2.90
	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	43.00	5.14	41.93	5.22	39.30	5.31	39.88	5.40	38.77	5.48
18 + 18	23	19	44.45	5.38	43.36	5.47	41.51	5.56	41.28	5.66	40.16	5.75
	32	28	47.34	5.57	46.12	5.66	45.15	5.75	43.85	5.86	42.71	5.95
	41	37	49.74	5.88	48.45	5.97	47.46	6.05	46.14	6.17	44.99	6.27
	47	43	52.17	5.66	50.83	5.69	49.93	5.79	48.49	5.89	47.15	5.98
	50	47	47.42	4.90	46.21	4.93	45.39	5.02	44.08	5.10	42.86	5.19
	59	50	42.57	4.21	41.48	4.23	40.75	4.31	39.57	4.39	38.48	4.44
	68	59	37.62	3.58	36.66	3.61	36.01	3.67	34.97	3.73	34.01	3.78
	75	65	27.14	2.84	26.44	2.86	25.97	2.91	25.22	2.94	24.53	2.98
	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
18 + 24	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.34	5.07	41.29	5.15	38.71	5.25	39.27	5.33	38.18	5.41
	23	19	43.12	5.25	42.06	5.34	40.27	5.42	40.05	5.52	38.96	5.60
	32	28	45.25	5.37	44.08	5.46	43.15	5.54	41.91	5.65	40.82	5.74
	41	37	46.85	5.59	45.63	5.68	44.70	5.76	43.46	5.87	42.38	5.97
	47	43	48.43	5.33	47.19	5.35	46.35	5.45	45.01	5.54	43.77	5.63
	50	47	44.03	4.62	42.90	4.65	42.14	4.73	40.92	4.81	39.79	4.89
	59	50	39.53	3.98	38.51	4.00	37.83	4.08	36.74	4.15	35.73	4.19
	68	59	34.93	3.40	34.03	3.42	33.43	3.48	32.46	3.53	31.57	3.58
	75	65	25.19	2.71	24.55	2.73	24.11	2.77	23.42	2.81	22.77	2.84

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 36HPC4-HH-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
			TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
Btu/h	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
07 + 07 + 18	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.34	5.07	41.29	5.15	38.71	5.25	39.27	5.33	38.18	5.41
	23	19	43.12	5.25	42.06	5.34	40.27	5.42	40.05	5.52	38.96	5.60
	32	28	45.25	5.37	44.08	5.46	43.15	5.54	41.91	5.65	40.82	5.74
	41	37	46.85	5.59	45.63	5.68	44.70	5.76	43.46	5.87	42.38	5.97
	47	43	48.43	5.33	47.19	5.35	46.35	5.45	45.01	5.54	43.77	5.63
	50	47	44.03	4.62	42.90	4.65	42.14	4.73	40.92	4.81	39.79	4.89
	59	50	39.53	3.98	38.51	4.00	37.83	4.08	36.74	4.15	35.73	4.19
07 + 07 + 24	68	59	34.93	3.40	34.03	3.42	33.43	3.48	32.46	3.53	31.57	3.58
	75	65	25.19	2.71	24.55	2.73	24.11	2.77	23.42	2.81	22.77	2.84
	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.80	5.12	41.73	5.20	39.12	5.29	39.69	5.38	38.60	5.46
	23	19	44.05	5.34	42.97	5.43	41.14	5.52	40.91	5.62	39.80	5.70
	32	28	46.71	5.51	45.51	5.60	44.55	5.69	43.27	5.80	42.15	5.89
	41	37	48.87	5.79	47.61	5.88	46.64	5.97	45.34	6.08	44.21	6.18
	47	43	51.04	5.56	49.74	5.59	48.85	5.69	47.45	5.78	46.14	5.88
07 + 09 + 18	50	47	46.40	4.82	45.21	4.85	44.41	4.94	43.13	5.02	41.94	5.10
	59	50	41.66	4.14	40.59	4.16	39.87	4.24	38.72	4.32	37.65	4.37
	68	59	36.81	3.53	35.87	3.56	35.23	3.61	34.22	3.67	33.27	3.72
	75	65	26.55	2.80	25.87	2.82	25.41	2.86	24.68	2.90	24.00	2.94
	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.34	5.07	41.29	5.15	38.71	5.25	39.27	5.33	38.18	5.41
	23	19	43.12	5.25	42.06	5.34	40.27	5.42	40.05	5.52	38.96	5.60
	32	28	45.25	5.37	44.08	5.46	43.15	5.54	41.91	5.65	40.82	5.74
07 + 09 + 24	41	37	46.85	5.59	45.63	5.68	44.70	5.76	43.46	5.87	42.38	5.97
	47	43	48.43	5.33	47.19	5.35	46.35	5.45	45.01	5.54	43.77	5.63
	50	47	44.03	4.62	42.90	4.65	42.14	4.73	40.92	4.81	39.79	4.89
	59	50	39.53	3.98	38.51	4.00	37.83	4.08	36.74	4.15	35.73	4.19
	68	59	34.93	3.40	34.03	3.42	33.43	3.48	32.46	3.53	31.57	3.58
	75	65	25.19	2.71	24.55	2.73	24.11	2.77	23.42	2.81	22.77	2.84
	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.80	5.12	41.73	5.20	39.12	5.29	39.69	5.38	38.60	5.46
07 + 12 + 12	23	19	44.05	5.34	42.97	5.43	41.14	5.52	40.91	5.62	39.80	5.70
	32	28	46.71	5.51	45.51	5.60	44.55	5.69	43.27	5.80	42.15	5.89
	41	37	48.87	5.79	47.61	5.88	46.64	5.97	45.34	6.08	44.21	6.18
	47	43	51.04	5.56	49.74	5.59	48.85	5.69	47.45	5.78	46.14	5.88
	50	47	46.40	4.82	45.21	4.85	44.41	4.94	43.13	5.02	41.94	5.10
	59	50	41.66	4.14	40.59	4.16	39.87	4.24	38.72	4.32	37.65	4.37
	68	59	36.81	3.53	35.87	3.56	35.23	3.61	34.22	3.67	33.27	3.72
	75	65	26.55	2.80	25.87	2.82	25.41	2.86	24.68	2.90	24.00	2.94
	-13	-15	24.24	3.40	23.96	3.45	23.80	3.50	23.13	3.55	22.36	3.60
	-5	-7	29.50	3.94	28.74	3.99	28.04	4.07	27.47	4.12	26.63	4.18
07 + 12 + 18	5	3	35.57	4.47	34.71	4.55	34.00	4.62	33.59	4.69	32.78	4.76
	14	12	39.87	5.06	38.87	5.14	36.44	5.24	36.97	5.32	35.95	5.40
	23	19	40.47	5.22	39.48	5.31	37.79	5.39	37.59	5.49	36.57	5.58
	32	28	42.34	5.33	41.25	5.41	40.38	5.50	39.21	5.60	38.20	5.69
	41	37	43.70	5.54	42.57	5.62	41.70	5.70	40.54	5.81	39.53	5.91
	47	43	45.03	5.26	43.88	5.29	43.10	5.38	41.86	5.47	40.70	5.56
	50	47	40.94	4.57	39.89	4.59	39.18	4.68	38.05	4.75	37.00	4.83
	59	50	36.75	3.93	35.81	3.96	35.18	4.03	34.16	4.10	33.22	4.14
	68	59	32.48	3.36	31.64	3.39	31.08	3.44	30.19	3.49	29.36	3.54
	75	65	23.43	2.68	22.82	2.70	22.42	2.74	21.77	2.78	21.17	2.81

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 36HPC4-HH-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
	°FDB	°FWB	TC Btu/h	IP kW	TC Btu/h	IP kW	TC Btu/h	IP kW	TC Btu/h	IP kW	TC Btu/h	IP kW
07 + 12 + 24	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.93	5.13	41.86	5.21	39.24	5.31	39.82	5.39	38.71	5.47
	23	19	44.32	5.37	43.23	5.46	41.38	5.54	41.16	5.64	40.04	5.73
	32	28	47.13	5.55	45.92	5.64	44.95	5.73	43.66	5.84	42.52	5.93
	41	37	49.45	5.85	48.17	5.94	47.19	6.03	45.88	6.14	44.73	6.24
	47	43	51.79	5.63	50.46	5.66	49.57	5.75	48.14	5.85	46.81	5.95
	50	47	47.08	4.88	45.88	4.90	45.06	4.99	43.76	5.08	42.56	5.16
	59	50	42.27	4.19	41.19	4.21	40.46	4.29	39.29	4.36	38.21	4.41
07 + 18 + 18	-13	-15	25.52	3.40	25.22	3.45	25.06	3.50	24.36	3.55	23.54	3.60
	-5	-7	31.06	3.94	30.26	3.99	29.52	4.07	28.93	4.12	28.04	4.18
	5	3	37.46	4.47	36.55	4.55	35.80	4.62	35.37	4.69	34.52	4.76
	14	12	43.08	5.17	42.01	5.25	39.38	5.35	39.96	5.43	38.85	5.51
	23	19	44.87	5.45	43.77	5.54	41.90	5.63	41.67	5.73	40.54	5.82
	32	28	48.12	5.67	46.88	5.77	45.89	5.86	44.57	5.97	43.42	6.06
	41	37	50.90	6.02	49.58	6.11	48.57	6.20	47.22	6.32	46.04	6.43
	47	43	53.73	5.83	52.36	5.86	51.43	5.96	49.94	6.06	48.57	6.16
	50	47	48.85	5.04	47.60	5.07	46.75	5.17	45.40	5.25	44.15	5.34
	59	50	43.85	4.33	42.73	4.35	41.97	4.43	40.76	4.51	39.64	4.56
09 + 09 + 12	-13	-15	21.39	3.40	21.14	3.45	21.00	3.50	20.41	3.55	19.73	3.60
	-5	-7	26.03	3.94	25.36	3.99	24.74	4.07	24.24	4.12	23.49	4.18
	5	3	31.39	4.47	30.63	4.55	30.00	4.62	29.64	4.69	28.93	4.76
	14	12	35.01	5.04	34.14	5.12	32.01	5.22	32.47	5.30	31.57	5.38
	23	19	35.38	5.18	34.51	5.27	33.04	5.35	32.86	5.45	31.97	5.53
	32	28	36.83	5.27	35.89	5.35	35.13	5.44	34.12	5.54	33.23	5.63
	41	37	37.83	5.45	36.86	5.54	36.10	5.61	35.10	5.72	34.22	5.81
	47	43	38.80	5.16	37.81	5.19	37.13	5.27	36.06	5.36	35.07	5.45
	50	47	35.27	4.48	34.37	4.51	33.76	4.59	32.79	4.66	31.88	4.74
	59	50	31.67	3.87	30.85	3.89	30.31	3.96	29.43	4.02	28.62	4.07
09 + 09 + 18	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.34	5.07	41.29	5.15	38.71	5.25	39.27	5.33	38.18	5.41
	23	19	43.12	5.25	42.06	5.34	40.27	5.42	40.05	5.52	38.96	5.60
	32	28	45.25	5.37	44.08	5.46	43.15	5.54	41.91	5.65	40.82	5.74
	41	37	46.85	5.59	45.63	5.68	44.70	5.76	43.46	5.87	42.38	5.97
	47	43	48.43	5.33	47.19	5.35	46.35	5.45	45.01	5.54	43.77	5.63
	50	47	44.03	4.62	42.90	4.65	42.14	4.73	40.92	4.81	39.79	4.89
	59	50	39.53	3.98	38.51	4.00	37.83	4.08	36.74	4.15	35.73	4.19
09 + 09 + 24	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.80	5.12	41.73	5.20	39.12	5.29	39.69	5.38	38.60	5.46
	23	19	44.05	5.34	42.97	5.43	41.14	5.52	40.91	5.62	39.80	5.70
	32	28	46.71	5.51	45.51	5.60	44.55	5.69	43.27	5.80	42.15	5.89
	41	37	48.87	5.79	47.61	5.88	46.64	5.97	45.34	6.08	44.21	6.18
	47	43	51.04	5.56	49.74	5.59	48.85	5.69	47.45	5.78	46.14	5.88
	50	47	46.40	4.82	45.21	4.85	44.41	4.94	43.13	5.02	41.94	5.10
	59	50	41.66	4.14	40.59	4.16	39.87	4.24	38.72	4.32	37.65	4.37
09 + 12 + 12	-13	-15	24.24	3.40	23.96	3.45	23.80	3.50	23.13	3.55	22.36	3.60
	-5	-7	29.50	3.94	28.74	3.99	28.04	4.07	27.47	4.12	26.63	4.18
	5	3	35.57	4.47	34.71	4.55	34.00	4.62	33.59	4.69	32.78	4.76
	14	12	39.87	5.06	38.87	5.14	36.44	5.24	36.97	5.32	35.95	5.40
	23	19	40.47	5.22	39.48	5.31	37.79	5.39	37.59	5.49	36.57	5.58
	32	28	42.34	5.33	41.25	5.41	40.38	5.50	39.21	5.60	38.20	5.69
	41	37	43.70	5.54	42.57	5.62	41.70	5.70	40.54	5.81	39.53	5.91
	47	43	45.03	5.26	43.88	5.29	43.10	5.38	41.86	5.47	40.70	5.56
	50	47	40.94	4.57	39.89	4.59	39.18	4.68	38.05	4.75	37.00	4.83
	59	50	36.75	3.93	35.81	3.96	35.18	4.03	34.16	4.10	33.22	4.14

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 36HPC4-HH-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
			TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
Btu/h	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
09 + 12 + 18	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.61	5.10	41.54	5.18	38.94	5.27	39.51	5.36	38.42	5.44
	23	19	43.65	5.30	42.58	5.39	40.76	5.48	40.54	5.57	39.44	5.66
	32	28	46.08	5.45	44.90	5.54	43.95	5.63	42.69	5.73	41.58	5.82
	41	37	48.00	5.71	46.76	5.80	45.81	5.88	44.53	5.99	43.42	6.09
	47	43	49.92	5.46	48.64	5.49	47.78	5.58	46.40	5.68	45.12	5.77
	50	47	45.38	4.74	44.22	4.76	43.44	4.85	42.18	4.93	41.02	5.01
	59	50	40.74	4.07	39.70	4.09	39.00	4.17	37.87	4.24	36.83	4.29
	68	59	36.00	3.47	35.08	3.50	34.46	3.55	33.47	3.61	32.54	3.66
75	65	25.97	2.76	25.30	2.78	24.86	2.82	24.14	2.86	23.47	2.89	
09 + 12 + 24	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.93	5.13	41.86	5.21	39.24	5.31	39.82	5.39	38.71	5.47
	23	19	44.32	5.37	43.23	5.46	41.38	5.54	41.16	5.64	40.04	5.73
	32	28	47.13	5.55	45.92	5.64	44.95	5.73	43.66	5.84	42.52	5.93
	41	37	49.45	5.85	48.17	5.94	47.19	6.03	45.88	6.14	44.73	6.24
	47	43	51.79	5.63	50.46	5.66	49.57	5.75	48.14	5.85	46.81	5.95
	50	47	47.08	4.88	45.88	4.90	45.06	4.99	43.76	5.08	42.56	5.16
	59	50	42.27	4.19	41.19	4.21	40.46	4.29	39.29	4.36	38.21	4.41
	68	59	37.35	3.57	36.39	3.59	35.75	3.65	34.72	3.71	33.76	3.76
75	65	26.94	2.82	26.25	2.85	25.79	2.89	25.04	2.93	24.35	2.96	
09 + 18 + 18	-13	-15	25.52	3.40	25.22	3.45	25.06	3.50	24.36	3.55	23.54	3.60
	-5	-7	31.06	3.94	30.26	3.99	29.52	4.07	28.93	4.12	28.04	4.18
	5	3	37.46	4.47	36.55	4.55	35.80	4.62	35.37	4.69	34.52	4.76
	14	12	43.08	5.17	42.01	5.25	39.38	5.35	39.96	5.43	38.85	5.51
	23	19	44.87	5.45	43.77	5.54	41.90	5.63	41.67	5.73	40.54	5.82
	32	28	48.12	5.67	46.88	5.77	45.89	5.86	44.57	5.97	43.42	6.06
	41	37	50.90	6.02	49.58	6.11	48.57	6.20	47.22	6.32	46.04	6.43
	47	43	53.73	5.83	52.36	5.86	51.43	5.96	49.94	6.06	48.57	6.16
	50	47	48.85	5.04	47.60	5.07	46.75	5.17	45.40	5.25	44.15	5.34
	59	50	43.85	4.33	42.73	4.35	41.97	4.43	40.76	4.51	39.64	4.56
	68	59	38.75	3.68	37.76	3.71	37.09	3.76	36.02	3.82	35.03	3.88
75	65	27.95	2.90	27.24	2.93	26.75	2.97	25.98	3.01	25.26	3.05	
12 + 12 + 12	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.34	5.07	41.29	5.15	38.71	5.25	39.27	5.33	38.18	5.41
	23	19	43.12	5.25	42.06	5.34	40.27	5.42	40.05	5.52	38.96	5.60
	32	28	45.25	5.37	44.08	5.46	43.15	5.54	41.91	5.65	40.82	5.74
	41	37	46.85	5.59	45.63	5.68	44.70	5.76	43.46	5.87	42.38	5.97
	47	43	48.43	5.33	47.19	5.35	46.35	5.45	45.01	5.54	43.77	5.63
	50	47	44.03	4.62	42.90	4.65	42.14	4.73	40.92	4.81	39.79	4.89
	59	50	39.53	3.98	38.51	4.00	37.83	4.08	36.74	4.15	35.73	4.19
	68	59	34.93	3.40	34.03	3.42	33.43	3.48	32.46	3.53	31.57	3.58
75	65	25.19	2.71	24.55	2.73	24.11	2.77	23.42	2.81	22.77	2.84	
12 + 12 + 18	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.80	5.12	41.73	5.20	39.12	5.29	39.69	5.38	38.60	5.46
	23	19	44.05	5.34	42.97	5.43	41.14	5.52	40.91	5.62	39.80	5.70
	32	28	46.71	5.51	45.51	5.60	44.55	5.69	43.27	5.80	42.15	5.89
	41	37	48.87	5.79	47.61	5.88	46.64	5.97	45.34	6.08	44.21	6.18
	47	43	51.04	5.56	49.74	5.59	48.85	5.69	47.45	5.78	46.14	5.88
	50	47	46.40	4.82	45.21	4.85	44.41	4.94	43.13	5.02	41.94	5.10
	59	50	41.66	4.14	40.59	4.16	39.87	4.24	38.72	4.32	37.65	4.37
	68	59	36.81	3.53	35.87	3.56	35.23	3.61	34.22	3.67	33.27	3.72
75	65	26.55	2.80	25.87	2.82	25.41	2.86	24.68	2.90	24.00	2.94	
07 + 07 + 07 + 09	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.34	5.07	41.29	5.15	38.71	5.25	39.27	5.33	38.18	5.41
	23	19	43.12	5.25	42.06	5.34	40.27	5.42	40.05	5.52	38.96	5.60
	32	28	45.25	5.37	44.08	5.46	43.15	5.54	41.91	5.65	40.82	5.74
	41	37	46.85	5.59	45.63	5.68	44.70	5.76	43.46	5.87	42.38	5.97
	47	43	48.43	5.33	47.19	5.35	46.35	5.45	45.01	5.54	43.77	5.63
	50	47	44.03	4.62	42.90	4.65	42.14	4.73	40.92	4.81	39.79	4.89
	59	50	39.53	3.98	38.51	4.00	37.83	4.08	36.74	4.15	35.73	4.19
	68	59	34.93	3.40	34.03	3.42	33.43	3.48	32.46	3.53	31.57	3.58
75	65	25.19	2.71	24.55	2.73	24.11	2.77	23.42	2.81	22.77	2.84	

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 36HPC4-HH-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
07 + 07 + 07 + 12	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.61	5.10	41.54	5.18	38.94	5.27	39.51	5.36	38.42	5.44
	23	19	43.65	5.30	42.58	5.39	40.76	5.48	40.54	5.57	39.44	5.66
	32	28	46.08	5.45	44.90	5.54	43.95	5.63	42.69	5.73	41.58	5.82
	41	37	48.00	5.71	46.76	5.80	45.81	5.88	44.53	5.99	43.42	6.09
	47	43	49.92	5.46	48.64	5.49	47.78	5.58	46.40	5.68	45.12	5.77
	50	47	45.38	4.74	44.22	4.76	43.44	4.85	42.18	4.93	41.02	5.01
	59	50	40.74	4.07	39.70	4.09	39.00	4.17	37.87	4.24	36.83	4.29
07 + 07 + 07 + 18	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.93	5.13	41.86	5.21	39.24	5.31	39.82	5.39	38.71	5.47
	23	19	44.32	5.37	43.23	5.46	41.38	5.54	41.16	5.64	40.04	5.73
	32	28	47.13	5.55	45.92	5.64	44.95	5.73	43.66	5.84	42.52	5.93
	41	37	49.45	5.85	48.17	5.94	47.19	6.03	45.88	6.14	44.73	6.24
	47	43	51.79	5.63	50.46	5.66	49.57	5.75	48.14	5.85	46.81	5.95
	50	47	47.08	4.88	45.88	4.90	45.06	4.99	43.76	5.08	42.56	5.16
	59	50	42.27	4.19	41.19	4.21	40.46	4.29	39.29	4.36	38.21	4.41
07 + 07 + 07 + 24	-13	-15	25.67	2.40	25.37	2.45	25.20	2.50	24.50	2.55	23.67	2.60
	-5	-7	31.24	2.94	30.43	2.99	29.69	3.07	29.09	3.12	28.19	3.18
	5	3	37.67	3.47	36.75	3.55	36.00	3.62	35.57	3.69	34.71	3.76
	14	12	43.32	4.17	42.24	4.25	39.60	4.35	40.18	4.43	39.07	4.51
	23	19	45.12	4.45	44.01	4.54	42.13	4.63	41.90	4.73	40.76	4.82
	32	28	48.39	4.67	47.14	4.77	46.15	4.86	44.82	4.97	43.66	5.06
	41	37	51.18	5.02	49.86	5.11	48.84	5.20	47.49	5.32	46.30	5.43
	47	43	54.03	4.83	52.65	4.86	51.71	4.96	50.22	5.06	48.84	5.16
	50	47	49.12	4.04	47.86	4.07	47.01	4.17	45.66	4.25	44.40	4.34
	59	50	44.10	3.33	42.97	3.35	42.21	3.43	40.99	3.51	39.86	3.56
07 + 07 + 09 + 09	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.34	5.07	41.29	5.15	38.71	5.25	39.27	5.33	38.18	5.41
	23	19	43.12	5.25	42.06	5.34	40.27	5.42	40.05	5.52	38.96	5.60
	32	28	45.25	5.37	44.08	5.46	43.15	5.54	41.91	5.65	40.82	5.74
	41	37	46.85	5.59	45.63	5.68	44.70	5.76	43.46	5.87	42.38	5.97
	47	43	48.43	5.33	47.19	5.35	46.35	5.45	45.01	5.54	43.77	5.63
	50	47	44.03	4.62	42.90	4.65	42.14	4.73	40.92	4.81	39.79	4.89
	59	50	39.53	3.98	38.51	4.00	37.83	4.08	36.74	4.15	35.73	4.19
07 + 07 + 09 + 12	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.61	5.10	41.54	5.18	38.94	5.27	39.51	5.36	38.42	5.44
	23	19	43.65	5.30	42.58	5.39	40.76	5.48	40.54	5.57	39.44	5.66
	32	28	46.08	5.45	44.90	5.54	43.95	5.63	42.69	5.73	41.58	5.82
	41	37	48.00	5.71	46.76	5.80	45.81	5.88	44.53	5.99	43.42	6.09
	47	43	49.92	5.46	48.64	5.49	47.78	5.58	46.40	5.68	45.12	5.77
	50	47	45.38	4.74	44.22	4.76	43.44	4.85	42.18	4.93	41.02	5.01
	59	50	40.74	4.07	39.70	4.09	39.00	4.17	37.87	4.24	36.83	4.29
07 + 07 + 09 + 18	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.93	5.13	41.86	5.21	39.24	5.31	39.82	5.39	38.71	5.47
	23	19	44.32	5.37	43.23	5.46	41.38	5.54	41.16	5.64	40.04	5.73
	32	28	47.13	5.55	45.92	5.64	44.95	5.73	43.66	5.84	42.52	5.93
	41	37	49.45	5.85	48.17	5.94	47.19	6.03	45.88	6.14	44.73	6.24
	47	43	51.79	5.63	50.46	5.66	49.57	5.75	48.14	5.85	46.81	5.95
	50	47	47.08	4.88	45.88	4.90	45.06	4.99	43.76	5.08	42.56	5.16
	59	50	42.27	4.19	41.19	4.21	40.46	4.29	39.29	4.36	38.21	4.41

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 36HPC4-HH-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
07 + 07 + 12 + 12	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.80	5.12	41.73	5.20	39.12	5.29	39.69	5.38	38.60	5.46
	23	19	44.05	5.34	42.97	5.43	41.14	5.52	40.91	5.62	39.80	5.70
	32	28	46.71	5.51	45.51	5.60	44.55	5.69	43.27	5.80	42.15	5.89
	41	37	48.87	5.79	47.61	5.88	46.64	5.97	45.34	6.08	44.21	6.18
	47	43	51.04	5.56	49.74	5.59	48.85	5.69	47.45	5.78	46.14	5.88
	50	47	46.40	4.82	45.21	4.85	44.41	4.94	43.13	5.02	41.94	5.10
	59	50	41.66	4.14	40.59	4.16	39.87	4.24	38.72	4.32	37.65	4.37
68	59	36.81	3.53	35.87	3.56	35.23	3.61	34.22	3.67	33.27	3.72	
75	65	26.55	2.80	25.87	2.82	25.41	2.86	24.68	2.90	24.00	2.94	
07 + 09 + 09 + 09	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.34	5.07	41.29	5.15	38.71	5.25	39.27	5.33	38.18	5.41
	23	19	43.12	5.25	42.06	5.34	40.27	5.42	40.05	5.52	38.96	5.60
	32	28	45.25	5.37	44.08	5.46	43.15	5.54	41.91	5.65	40.82	5.74
	41	37	46.85	5.59	45.63	5.68	44.70	5.76	43.46	5.87	42.38	5.97
	47	43	48.43	5.33	47.19	5.35	46.35	5.45	45.01	5.54	43.77	5.63
	50	47	44.03	4.62	42.90	4.65	42.14	4.73	40.92	4.81	39.79	4.89
	59	50	39.53	3.98	38.51	4.00	37.83	4.08	36.74	4.15	35.73	4.19
68	59	34.93	3.40	34.03	3.42	33.43	3.48	32.46	3.53	31.57	3.58	
75	65	25.19	2.71	24.55	2.73	24.11	2.77	23.42	2.81	22.77	2.84	
07 + 09 + 09 + 12	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.61	5.10	41.54	5.18	38.94	5.27	39.51	5.36	38.42	5.44
	23	19	43.65	5.30	42.58	5.39	40.76	5.48	40.54	5.57	39.44	5.66
	32	28	46.08	5.45	44.90	5.54	43.95	5.63	42.69	5.73	41.58	5.82
	41	37	48.00	5.71	46.76	5.80	45.81	5.88	44.53	5.99	43.42	6.09
	47	43	49.92	5.46	48.64	5.49	47.78	5.58	46.40	5.68	45.12	5.77
	50	47	45.38	4.74	44.22	4.76	43.44	4.85	42.18	4.93	41.02	5.01
	59	50	40.74	4.07	39.70	4.09	39.00	4.17	37.87	4.24	36.83	4.29
68	59	36.00	3.47	35.08	3.50	34.46	3.55	33.47	3.61	32.54	3.66	
75	65	25.97	2.76	25.30	2.78	24.86	2.82	24.14	2.86	23.47	2.89	
07 + 09 + 09 + 18	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.93	5.13	41.86	5.21	39.24	5.31	39.82	5.39	38.71	5.47
	23	19	44.32	5.37	43.23	5.46	41.38	5.54	41.16	5.64	40.04	5.73
	32	28	47.13	5.55	45.92	5.64	44.95	5.73	43.66	5.84	42.52	5.93
	41	37	49.45	5.85	48.17	5.94	47.19	6.03	45.88	6.14	44.73	6.24
	47	43	51.79	5.63	50.46	5.66	49.57	5.75	48.14	5.85	46.81	5.95
	50	47	47.08	4.88	45.88	4.90	45.06	4.99	43.76	5.08	42.56	5.16
	59	50	42.27	4.19	41.19	4.21	40.46	4.29	39.29	4.36	38.21	4.41
68	59	37.35	3.57	36.39	3.59	35.75	3.65	34.72	3.71	33.76	3.76	
75	65	26.94	2.82	26.25	2.85	25.79	2.89	25.04	2.93	24.35	2.96	
07 + 09 + 12 + 12	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.80	5.12	41.73	5.20	39.12	5.29	39.69	5.38	38.60	5.46
	23	19	44.05	5.34	42.97	5.43	41.14	5.52	40.91	5.62	39.80	5.70
	32	28	46.71	5.51	45.51	5.60	44.55	5.69	43.27	5.80	42.15	5.89
	41	37	48.87	5.79	47.61	5.88	46.64	5.97	45.34	6.08	44.21	6.18
	47	43	51.04	5.56	49.74	5.59	48.85	5.69	47.45	5.78	46.14	5.88
	50	47	46.40	4.82	45.21	4.85	44.41	4.94	43.13	5.02	41.94	5.10
	59	50	41.66	4.14	40.59	4.16	39.87	4.24	38.72	4.32	37.65	4.37
68	59	36.81	3.53	35.87	3.56	35.23	3.61	34.22	3.67	33.27	3.72	
75	65	26.55	2.80	25.87	2.82	25.41	2.86	24.68	2.90	24.00	2.94	
07 + 09 + 12 + 18	-13	-15	25.67	2.40	25.37	2.45	25.20	2.50	24.50	2.55	23.67	2.60
	-5	-7	31.24	2.94	30.43	2.99	29.69	3.07	29.09	3.12	28.19	3.18
	5	3	37.67	3.47	36.75	3.55	36.00	3.62	35.57	3.69	34.71	3.76
	14	12	43.19	4.15	42.12	4.24	39.48	4.33	40.06	4.42	38.95	4.50
	23	19	44.85	4.42	43.75	4.51	41.88	4.60	41.65	4.70	40.52	4.79
	32	28	47.97	4.63	46.74	4.72	45.75	4.82	44.43	4.93	43.28	5.02
	41	37	50.60	4.96	49.30	5.06	48.29	5.14	46.95	5.26	45.78	5.37
	47	43	53.29	4.76	51.92	4.79	51.00	4.89	49.53	4.99	48.16	5.09
	50	47	48.44	3.99	47.20	4.02	46.36	4.11	45.03	4.19	43.78	4.28
	59	50	43.49	3.28	42.37	3.30	41.62	3.38	40.42	3.46	39.31	3.51
68	59	38.43	2.64	37.44	2.67	36.78	2.72	35.72	2.79	34.74	2.84	
75	65	27.72	1.88	27.01	1.90	26.53	1.95	25.77	1.99	25.05	2.02	

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 36HPC4-HH-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
07 + 12 + 12 + 12	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.93	5.13	41.86	5.21	39.24	5.31	39.82	5.39	38.71	5.47
	23	19	44.32	5.37	43.23	5.46	41.38	5.54	41.16	5.64	40.04	5.73
	32	28	47.13	5.55	45.92	5.64	44.95	5.73	43.66	5.84	42.52	5.93
	41	37	49.45	5.85	48.17	5.94	47.19	6.03	45.88	6.14	44.73	6.24
	47	43	51.79	5.63	50.46	5.66	49.57	5.75	48.14	5.85	46.81	5.95
	50	47	47.08	4.88	45.88	4.90	45.06	4.99	43.76	5.08	42.56	5.16
	59	50	42.27	4.19	41.19	4.21	40.46	4.29	39.29	4.36	38.21	4.41
	68	59	37.35	3.57	36.39	3.59	35.75	3.65	34.72	3.71	33.76	3.76
	75	65	26.94	2.82	26.25	2.85	25.79	2.89	25.04	2.93	24.35	2.96
09 + 09 + 09 + 09	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.34	5.07	41.29	5.15	38.71	5.25	39.27	5.33	38.18	5.41
	23	19	43.12	5.25	42.06	5.34	40.27	5.42	40.05	5.52	38.96	5.60
	32	28	45.25	5.37	44.08	5.46	43.15	5.54	41.91	5.65	40.82	5.74
	41	37	46.85	5.59	45.63	5.68	44.70	5.76	43.46	5.87	42.38	5.97
	47	43	48.43	5.33	47.19	5.35	46.35	5.45	45.01	5.54	43.77	5.63
	50	47	44.03	4.62	42.90	4.65	42.14	4.73	40.92	4.81	39.79	4.89
	59	50	39.53	3.98	38.51	4.00	37.83	4.08	36.74	4.15	35.73	4.19
	68	59	34.93	3.40	34.03	3.42	33.43	3.48	32.46	3.53	31.57	3.58
	75	65	25.19	2.71	24.55	2.73	24.11	2.77	23.42	2.81	22.77	2.84
09 + 09 + 09 + 12	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.61	5.10	41.54	5.18	38.94	5.27	39.51	5.36	38.42	5.44
	23	19	43.65	5.30	42.58	5.39	40.76	5.48	40.54	5.57	39.44	5.66
	32	28	46.08	5.45	44.90	5.54	43.95	5.63	42.69	5.73	41.58	5.82
	41	37	48.00	5.71	46.76	5.80	45.81	5.88	44.53	5.99	43.42	6.09
	47	43	49.92	5.46	48.64	5.49	47.78	5.58	46.40	5.68	45.12	5.77
	50	47	45.38	4.74	44.22	4.76	43.44	4.85	42.18	4.93	41.02	5.01
	59	50	40.74	4.07	39.70	4.09	39.00	4.17	37.87	4.24	36.83	4.29
	68	59	36.00	3.47	35.08	3.50	34.46	3.55	33.47	3.61	32.54	3.66
	75	65	25.97	2.76	25.30	2.78	24.86	2.82	24.14	2.86	23.47	2.89
09 + 09 + 09 + 18	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.93	5.13	41.86	5.21	39.24	5.31	39.82	5.39	38.71	5.47
	23	19	44.32	5.37	43.23	5.46	41.38	5.54	41.16	5.64	40.04	5.73
	32	28	47.13	5.55	45.92	5.64	44.95	5.73	43.66	5.84	42.52	5.93
	41	37	49.45	5.85	48.17	5.94	47.19	6.03	45.88	6.14	44.73	6.24
	47	43	51.79	5.63	50.46	5.66	49.57	5.75	48.14	5.85	46.81	5.95
	50	47	47.08	4.88	45.88	4.90	45.06	4.99	43.76	5.08	42.56	5.16
	59	50	42.27	4.19	41.19	4.21	40.46	4.29	39.29	4.36	38.21	4.41
	68	59	37.35	3.57	36.39	3.59	35.75	3.65	34.72	3.71	33.76	3.76
	75	65	26.94	2.82	26.25	2.85	25.79	2.89	25.04	2.93	24.35	2.96
09 + 09 + 12 + 12	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.80	5.12	41.73	5.20	39.12	5.29	39.69	5.38	38.60	5.46
	23	19	44.05	5.34	42.97	5.43	41.14	5.52	40.91	5.62	39.80	5.70
	32	28	46.71	5.51	45.51	5.60	44.55	5.69	43.27	5.80	42.15	5.89
	41	37	48.87	5.79	47.61	5.88	46.64	5.97	45.34	6.08	44.21	6.18
	47	43	51.04	5.56	49.74	5.59	48.85	5.69	47.45	5.78	46.14	5.88
	50	47	46.40	4.82	45.21	4.85	44.41	4.94	43.13	5.02	41.94	5.10
	59	50	41.66	4.14	40.59	4.16	39.87	4.24	38.72	4.32	37.65	4.37
	68	59	36.81	3.53	35.87	3.56	35.23	3.61	34.22	3.67	33.27	3.72
	75	65	26.55	2.80	25.87	2.82	25.41	2.86	24.68	2.90	24.00	2.94
09 + 12 + 12 + 12	-13	-15	25.67	3.40	25.37	3.45	25.20	3.50	24.50	3.55	23.67	3.60
	-5	-7	31.24	3.94	30.43	3.99	29.69	4.07	29.09	4.12	28.19	4.18
	5	3	37.67	4.47	36.75	4.55	36.00	4.62	35.57	4.69	34.71	4.76
	14	12	42.93	5.13	41.86	5.21	39.24	5.31	39.82	5.39	38.71	5.47
	23	19	44.32	5.37	43.23	5.46	41.38	5.54	41.16	5.64	40.04	5.73
	32	28	47.13	5.55	45.92	5.64	44.95	5.73	43.66	5.84	42.52	5.93
	41	37	49.45	5.85	48.17	5.94	47.19	6.03	45.88	6.14	44.73	6.24
	47	43	51.79	5.63	50.46	5.66	49.57	5.75	48.14	5.85	46.81	5.95
	50	47	47.08	4.88	45.88	4.90	45.06	4.99	43.76	5.08	42.56	5.16
	59	50	42.27	4.19	41.19	4.21	40.46	4.29	39.29	4.36	38.21	4.41
	68	59	37.35	3.57	36.39	3.59	35.75	3.65	34.72	3.71	33.76	3.76
	75	65	26.94	2.82	26.25	2.85	25.79	2.89	25.04	2.93	24.35	2.96

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 36HPC4-HH-A

### Expanded Heating Ratings

TC = Total Capacity (Gross)

SHC = Sensible Heat Capacity (Gross)

IP = Input Power (Including the compressor, evaporator fan motor, and condenser fan motor)

**Notes:**

2 or more indoor units should be connected to outdoor Heat Pump.

The total capacity of connected indoor units is from 30,000 Btu/h to 46,000 Btu/h

Input in the tables are calculated based on the maximum indoor unit input combinations.

Capacity loss due to white frost and defrost operation is not reflected above.

Specifications are based on the following:

- Power source 230V.
- Pipe length of 24.6', with a height difference between indoor fan coil and outdoor HP of 0'.
- Indoor fan coil High fan speed.



# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Cooling Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature																	
			64 °FDB/54 °FWB			70 °FDB/60 °FWB			75 °FDB/63 °FWB			80 °FDB/67 °FWB			85 °FDB/71 °FWB			90 °FDB/73 °FWB		
			TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
Btu/h	°FDB	°FWB	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW
07 + 09 +18	14	12	27.94	22.43	1.73	31.63	22.40	1.77	33.36	24.75	1.77	35.75	25.40	1.79	38.25	26.40	1.81	39.44	29.23	1.83
	23	21	27.43	21.88	1.88	31.04	21.85	1.90	32.75	24.14	1.92	35.10	25.34	1.94	37.55	25.94	1.97	38.72	28.88	1.97
	32	28	27.21	21.69	1.99	30.77	21.66	2.03	32.49	23.98	2.05	34.78	25.12	2.07	37.20	25.73	2.08	38.44	28.61	2.10
	41	37	26.87	21.54	2.22	30.40	21.51	2.26	32.08	23.77	2.28	34.37	24.96	2.29	36.77	25.54	2.31	37.91	28.44	2.33
	50	47	27.10	21.64	2.50	30.68	21.63	2.54	32.37	23.89	2.57	34.68	25.09	2.61	37.10	25.69	2.63	38.26	28.58	2.65
	59	50	28.63	22.36	2.76	32.42	22.33	2.82	34.20	24.68	2.86	36.63	25.91	2.86	39.19	27.11	2.90	40.42	29.51	2.92
	67	53	34.66	25.45	3.37	39.22	25.41	3.42	41.36	28.07	3.45	44.33	29.47	3.49	47.41	30.88	3.54	48.88	33.57	3.56
	77	62	33.61	25.03	3.87	38.03	25.00	3.95	40.10	27.61	3.99	42.97	29.00	4.03	45.96	30.18	4.07	47.39	33.03	4.09
	87	69	32.72	24.61	4.30	37.03	24.58	4.38	39.05	27.16	4.42	41.85	28.53	4.46	44.77	29.18	4.51	46.17	32.48	4.53
	95	75	31.80	23.61	4.48	35.98	23.58	4.57	37.96	26.05	4.61	40.02	27.35	4.65	43.50	27.99	4.71	44.85	31.16	4.72
	104	78	26.97	21.58	4.10	30.54	21.57	4.18	32.21	23.83	4.20	34.51	25.02	4.26	36.93	25.61	4.30	38.08	28.51	4.32
115	80	19.86	18.98	3.54	22.49	18.95	3.60	23.72	20.95	3.64	25.42	22.00	3.68	27.21	22.52	3.72	28.06	25.08	3.74	

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Cooling Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature																						
			64 °FDB/54 °FWB			70 °FDB/60 °FWB			75 °FDB/63 °FWB			80 °FDB/67 °FWB			85 °FDB/71 °FWB			90 °FDB/73 °FWB							
			TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP					
09 + 09 +24	14	12	28.97	23.25	1.79	32.79	23.22	1.83	34.58	25.66	1.83	37.06	26.33	1.85	39.65	27.37	1.87	40.88	30.30	1.89					
	09 + 12 +18	14	12	28.11	22.57	1.74	31.82	22.54	1.78	33.56	24.90	1.78	35.97	25.56	1.80	38.48	26.57	1.82	39.68	29.41	1.84				
		09 + 12 +24	14	12	29.99	24.07	1.86	33.94	24.04	1.90	35.80	26.56	1.90	38.37	27.26	1.92	41.05	28.34	1.94	42.32	31.37	1.96			
			09 + 18 +24	14	12	28.97	23.25	1.79	32.79	23.22	1.83	34.58	25.66	1.83	37.06	26.33	1.85	39.65	27.37	1.87	40.88	30.30	1.89		
				12 + 12 +18	14	12	28.97	23.25	1.79	32.79	23.22	1.83	34.58	25.66	1.83	37.06	26.33	1.85	39.65	27.37	1.87	40.88	30.30	1.89	
					12 + 12 +24	14	12	29.99	24.07	1.86	33.94	24.04	1.90	35.80	26.56	1.90	38.37	27.26	1.92	41.05	28.34	1.94	42.32	31.37	1.96













# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Cooling Ratings

Indoor Unit Combo		Outdoor Temp	Indoor temperature																		
			64 °FDB/54 °FWB			70 °FDB/60 °FWB			75 °FDB/63 °FWB			80 °FDB/67 °FWB			85 °FDB/71 °FWB			90 °FDB/73 °FWB			
Btu/h		°FDB	°FWB	Btu/h	SHC	IP	Btu/h	SHC	IP	Btu/h	SHC	IP	Btu/h	SHC	IP	Btu/h	SHC	IP	Btu/h	SHC	IP





# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Cooling Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature																																																																																																																																																																																																																																													
			64 °FDB/54 °FWB			70 °FDB/60 °FWB			75 °FDB/63 °FWB			80 °FDB/67 °FWB			85 °FDB/71 °FWB			90 °FDB/73 °FWB																																																																																																																																																																																																																														
			TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP																																																																																																																																																																																																																												
	Btu/h	%FDB	%FWB	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW	Btu/h	Btu/h	kW																																																																																																																																																																																																																								
07 + 07 + 09 + 09 +18	14	12	33.76	27.76	1.89	38.21	27.72	1.94	40.30	30.63	1.94	43.19	31.92	1.94	46.21	32.67	1.98	47.64	36.17	2.00	23	21	33.14	27.08	2.06	37.50	27.04	2.08	39.57	29.87	2.10	42.40	31.36	2.10	45.36	32.10	2.16	46.78	35.74	2.16	32	28	32.87	26.84	2.18	37.18	26.80	2.22	39.26	29.67	2.24	42.02	31.08	2.24	44.94	31.84	2.28	46.43	35.40	2.30	41	37	32.46	26.65	2.49	36.73	26.62	2.53	38.75	29.41	2.55	41.52	30.88	2.55	44.43	31.60	2.59	45.79	35.19	2.62	50	47	32.74	26.78	2.81	37.06	26.76	2.86	39.11	29.56	2.88	41.90	31.05	2.88	44.82	31.78	2.95	46.22	35.37	2.98	59	50	34.59	27.67	3.18	39.16	27.63	3.25	41.32	30.53	3.29	44.26	32.06	3.29	47.35	33.55	3.34	48.83	36.51	3.36	67	53	41.88	31.49	3.68	47.39	31.45	3.74	49.97	34.73	3.78	53.55	36.47	3.78	57.28	38.22	3.87	59.06	41.54	3.89	77	62	40.60	30.97	4.23	45.94	30.94	4.32	48.44	34.16	4.36	51.91	35.88	4.36	55.53	37.34	4.45	57.25	40.87	4.47	87	69	39.53	30.46	4.81	44.74	30.42	4.89	47.18	33.61	4.94	50.56	35.30	4.94	54.08	36.11	5.05	55.77	40.20	5.07	95	75	38.42	29.22	5.18	43.47	29.18	5.28	45.86	32.23	5.33	48.34	33.84	5.33	52.55	34.63	5.44	54.18	38.55	5.46	104	78	32.59	26.71	4.70	36.90	26.69	4.79	38.92	29.49	4.81	41.69	30.96	4.81	44.61	31.69	4.93	46.00	35.28	4.95	115	80	23.99	23.49	3.76	27.17	23.45	3.83	28.65	25.92	3.87	30.71	27.22	3.87	32.87	27.87	3.95	33.90	31.03	3.97



# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Cooling Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature																	
			64 °FDB/54 °FWB			70 °FDB/60 °FWB			75 °FDB/63 °FWB			80 °FDB/67 °FWB			85 °FDB/71 °FWB			90 °FDB/73 °FWB		
Btu/h	°FDB	°FWB	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
09 + 09 + 12 + 12 + 12	14	12	34.23	28.14	1.92	38.74	28.11	1.96	40.86	31.05	1.96	43.79	32.36	1.96	46.85	33.13	2.01	48.31	36.68	2.03
	23	21	33.60	27.45	2.09	38.02	27.42	2.11	40.12	30.29	2.13	42.99	31.80	2.13	45.99	32.54	2.19	47.43	36.23	2.19
	32	28	33.32	27.21	2.21	37.69	27.17	2.25	39.80	30.08	2.27	42.60	31.52	2.27	45.56	32.28	2.31	47.08	35.89	2.33
	41	37	32.91	27.02	2.52	37.24	26.99	2.56	39.29	29.82	2.59	42.10	31.31	2.59	45.04	32.04	2.63	46.43	35.68	2.65
	50	47	33.19	27.16	2.85	37.58	27.14	2.90	39.65	29.97	2.92	42.48	31.48	2.92	45.44	32.23	2.99	46.87	35.86	3.02
	59	50	35.07	28.05	3.22	39.71	28.01	3.29	41.89	30.96	3.34	44.87	32.51	3.34	48.01	34.01	3.38	49.51	37.02	3.41
	67	53	42.46	31.92	3.73	48.04	31.89	3.79	50.67	35.21	3.83	54.29	36.97	3.83	58.07	38.75	3.93	59.88	42.11	3.94
	77	62	41.16	31.40	4.29	46.58	31.36	4.38	49.12	34.64	4.42	52.63	36.38	4.42	56.30	37.86	4.51	58.05	41.43	4.53
	87	69	40.08	30.88	4.87	45.36	30.84	4.96	47.83	34.08	5.01	51.26	35.79	5.01	54.83	36.61	5.12	56.55	40.75	5.14
	95	75	38.95	29.62	5.25	44.08	29.59	5.36	46.50	32.68	5.40	49.01	34.31	5.40	53.28	35.12	5.51	54.93	39.09	5.53
	104	78	33.04	27.08	4.76	37.41	27.06	4.86	39.46	29.90	4.88	42.27	31.39	4.88	45.23	32.13	5.00	46.64	35.77	5.02
	115	80	24.32	23.82	3.82	27.55	23.78	3.88	29.05	26.28	3.92	31.14	27.60	3.92	33.32	28.26	4.01	34.37	31.46	4.03

TC = Total Capacity (Gross)

SHC = Sensible Heat Capacity (Gross)

IP = Input Power (Including the compressor, evaporator fan motor, and condenser fan motor)

Notes:

2 or more indoor units should be connected to outdoor Heat Pump.

The total capacity of connected indoor units is from 34,000 Btu/h to 54,000 Btu/h

Input in the tables are calculated based on the maximum indoor unit input combinations.

Capacity loss due to white frost and defrost operation is not reflected above.

Specifications are based on the following:

- Power source 230V.
- Pipe length of 24.6', with a height difference between indoor fan coil and outdoor HP of 0'.
- Indoor fan coil High fan speed.

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
			TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
Btu/h	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
07 + 09 + 18	-5	-7	31.24	2.94	30.43	2.99	29.69	3.07	29.09	3.12	28.19	3.18
	5	3	37.67	3.47	36.75	3.55	36.00	3.62	35.57	3.69	34.71	3.76
	14	12	42.34	4.07	41.29	4.15	38.71	4.25	39.27	4.33	38.18	4.41
	23	19	43.12	4.25	42.06	4.34	40.27	4.42	40.05	4.52	38.96	4.60
	32	28	45.25	4.37	44.08	4.46	43.15	4.54	41.91	4.65	40.82	4.74
	41	37	46.85	4.59	45.63	4.68	44.70	4.76	43.46	4.87	42.38	4.97
	47	43	48.43	4.33	47.19	4.35	46.35	4.45	45.01	4.54	43.77	4.63
	50	47	44.03	3.62	42.90	3.65	42.14	3.73	40.92	3.81	39.79	3.89
	59	50	39.53	2.98	38.51	3.00	37.83	3.08	36.74	3.15	35.73	3.19
	68	59	34.93	2.40	34.03	2.42	33.43	2.48	32.46	2.53	31.57	2.58
75	65	25.19	1.71	24.55	1.73	24.11	1.77	23.42	1.81	22.77	1.84	
07 + 09 + 24	-5	-7	31.24	2.94	30.43	2.99	29.69	3.07	29.09	3.12	28.19	3.18
	5	3	37.67	3.47	36.75	3.55	36.00	3.62	35.57	3.69	34.71	3.76
	14	12	42.77	4.11	41.70	4.20	39.09	4.29	39.66	4.37	38.57	4.46
	23	19	43.99	4.34	42.91	4.42	41.07	4.51	40.85	4.61	39.74	4.70
	32	28	46.61	4.50	45.41	4.59	44.45	4.68	43.17	4.79	42.05	4.88
	41	37	48.73	4.78	47.47	4.87	46.50	4.95	45.21	5.07	44.08	5.17
	47	43	50.86	4.55	49.55	4.57	48.67	4.67	47.27	4.76	45.97	4.86
	50	47	46.23	3.81	45.05	3.83	44.25	3.92	42.97	4.00	41.79	4.08
	59	50	41.51	3.13	40.44	3.15	39.73	3.23	38.58	3.30	37.52	3.35
	68	59	36.68	2.52	35.74	2.55	35.10	2.60	34.09	2.66	33.15	2.71
75	65	26.46	1.79	25.78	1.81	25.32	1.86	24.59	1.90	23.91	1.93	
07 + 12 + 18	-5	-7	31.24	2.94	30.43	2.99	29.69	3.07	29.09	3.12	28.19	3.18
	5	3	37.67	3.47	36.75	3.55	36.00	3.62	35.57	3.69	34.71	3.76
	14	12	42.61	4.10	41.54	4.18	38.94	4.27	39.51	4.36	38.42	4.44
	23	19	43.65	4.30	42.58	4.39	40.76	4.48	40.54	4.57	39.44	4.66
	32	28	46.08	4.45	44.90	4.54	43.95	4.63	42.69	4.73	41.58	4.82
	41	37	48.00	4.71	46.76	4.80	45.81	4.88	44.53	4.99	43.42	5.09
	47	43	49.92	4.46	48.64	4.49	47.78	4.58	46.40	4.68	45.12	4.77
	50	47	45.38	3.74	44.22	3.76	43.44	3.85	42.18	3.93	41.02	4.01
	59	50	40.74	3.07	39.70	3.09	39.00	3.17	37.87	3.24	36.83	3.29
	68	59	36.00	2.47	35.08	2.50	34.46	2.55	33.47	2.61	32.54	2.66
75	65	25.97	1.76	25.30	1.78	24.86	1.82	24.14	1.86	23.47	1.89	
07 + 12 + 24	-5	-7	31.24	2.94	30.43	2.99	29.69	3.07	29.09	3.12	28.19	3.18
	5	3	37.67	3.47	36.75	3.55	36.00	3.62	35.57	3.69	34.71	3.76
	14	12	42.90	4.13	41.83	4.21	39.21	4.30	39.79	4.39	38.69	4.47
	23	19	44.25	4.36	43.17	4.45	41.32	4.54	41.10	4.64	39.98	4.72
	32	28	47.03	4.54	45.82	4.63	44.85	4.72	43.56	4.83	42.43	4.92
	41	37	49.30	4.83	48.03	4.93	47.05	5.01	45.74	5.13	44.60	5.23
	47	43	51.60	4.61	50.28	4.64	49.39	4.74	47.97	4.83	46.64	4.93
	50	47	46.91	3.86	45.71	3.89	44.90	3.98	43.61	4.06	42.40	4.14
	59	50	42.12	3.18	41.04	3.20	40.31	3.28	39.15	3.35	38.07	3.40
	68	59	37.22	2.56	36.26	2.58	35.62	2.64	34.59	2.70	33.64	2.75
75	65	26.84	1.82	26.16	1.84	25.69	1.88	24.95	1.92	24.26	1.96	
07 + 18 + 24	-5	-7	28.86	5.45	28.12	5.35	27.43	5.26	26.88	5.13	26.05	5.03
	5	3	34.80	5.72	33.96	5.62	33.26	5.51	32.86	5.41	32.07	5.29
	14	12	40.78	5.93	39.76	5.82	38.83	5.71	37.82	5.59	36.77	5.48
	23	19	44.01	6.17	42.93	6.06	41.84	5.93	40.76	5.81	39.68	5.75
	32	28	47.10	6.32	45.89	6.21	44.92	6.07	43.63	5.95	42.50	5.83
	41	37	50.59	6.40	49.29	6.28	48.28	6.13	46.94	6.03	45.77	5.92
	47	43	53.58	6.47	51.97	6.34	50.76	6.21	49.55	6.14	48.34	6.05
	50	47	49.26	6.08	48.00	5.96	47.15	5.84	45.79	5.71	44.53	5.67
	59	50	44.23	5.66	43.09	5.57	42.33	5.45	41.11	5.32	39.98	5.28
	68	59	39.08	5.21	38.08	5.10	37.41	4.99	36.33	4.89	2.89	4.84
75	65	28.19	3.88	27.47	3.81	26.98	3.74	26.20	3.65	25.48	3.60	
09 + 09 + 18	-5	-7	31.24	2.94	30.43	2.99	29.69	3.07	29.09	3.12	28.19	3.18
	5	3	37.67	3.47	36.75	3.55	36.00	3.62	35.57	3.69	34.71	3.76
	14	12	42.34	4.07	41.29	4.15	38.71	4.25	39.27	4.33	38.18	4.41
	23	19	43.12	4.25	42.06	4.34	40.27	4.42	40.05	4.52	38.96	4.60
	32	28	45.25	4.37	44.08	4.46	43.15	4.54	41.91	4.65	40.82	4.74
	41	37	46.85	4.59	45.63	4.68	44.70	4.76	43.46	4.87	42.38	4.97
	47	43	48.43	4.33	47.19	4.35	46.35	4.45	45.01	4.54	43.77	4.63
	50	47	44.03	3.62	42.90	3.65	42.14	3.73	40.92	3.81	39.79	3.89
	59	50	39.53	2.98	38.51	3.00	37.83	3.08	36.74	3.15	35.73	3.19
	68	59	34.93	2.40	34.03	2.42	33.43	2.48	32.46	2.53	31.57	2.58
75	65	25.19	1.71	24.55	1.73	24.11	1.77	23.42	1.81	22.77	1.84	

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
			TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
Btu/h	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
09 + 09 + 24	-5	-7	31.24	2.94	30.43	2.99	29.69	3.07	29.09	3.12	28.19	3.18
	5	3	37.67	3.47	36.75	3.55	36.00	3.62	35.57	3.69	34.71	3.76
	14	12	42.80	4.12	41.73	4.20	39.12	4.29	39.69	4.38	38.60	4.46
	23	19	44.05	4.34	42.97	4.43	41.14	4.52	40.91	4.62	39.80	4.70
	32	28	46.71	4.51	45.51	4.60	44.55	4.69	43.27	4.80	42.15	4.89
	41	37	48.87	4.79	47.61	4.88	46.64	4.97	45.34	5.08	44.21	5.18
	47	43	51.04	4.56	49.74	4.59	48.85	4.69	47.45	4.78	46.14	4.88
	50	47	46.40	3.82	45.21	3.85	44.41	3.94	43.13	4.02	41.94	4.10
	59	50	41.66	3.14	40.59	3.16	39.87	3.24	38.72	3.32	37.65	3.37
	68	59	36.81	2.53	35.87	2.56	35.23	2.61	34.22	2.67	33.27	2.72
09 + 12 + 18	-5	-7	31.24	2.94	30.43	2.99	29.69	3.07	29.09	3.12	28.19	3.18
	5	3	37.67	3.47	36.75	3.55	36.00	3.62	35.57	3.69	34.71	3.76
	14	12	42.61	4.10	41.54	4.18	38.94	4.27	39.51	4.36	38.42	4.44
	23	19	43.65	4.30	42.58	4.39	40.76	4.48	40.54	4.57	39.44	4.66
	32	28	46.08	4.45	44.90	4.54	43.95	4.63	42.69	4.73	41.58	4.82
	41	37	48.00	4.71	46.76	4.80	45.81	4.88	44.53	4.99	43.42	5.09
	47	43	49.92	4.46	48.64	4.49	47.78	4.58	46.40	4.68	45.12	4.77
	50	47	45.38	3.74	44.22	3.76	43.44	3.85	42.18	3.93	41.02	4.01
	59	50	40.74	3.07	39.70	3.09	39.00	3.17	37.87	3.24	36.83	3.29
	68	59	36.00	2.47	35.08	2.50	34.46	2.55	33.47	2.61	32.54	2.66
09 + 12 + 24	-5	-7	31.24	2.94	30.43	2.99	29.69	3.07	29.09	3.12	28.19	3.18
	5	3	37.67	3.47	36.75	3.55	36.00	3.62	35.57	3.69	34.71	3.76
	14	12	42.90	4.13	41.83	4.21	39.21	4.30	39.79	4.39	38.69	4.47
	23	19	44.25	4.36	43.17	4.45	41.32	4.54	41.10	4.64	39.98	4.72
	32	28	47.03	4.54	45.82	4.63	44.85	4.72	43.56	4.83	42.43	4.92
	41	37	49.30	4.83	48.03	4.93	47.05	5.01	45.74	5.13	44.60	5.23
	47	43	51.60	4.61	50.28	4.64	49.39	4.74	47.97	4.83	46.64	4.93
	50	47	46.91	3.86	45.71	3.89	44.90	3.98	43.61	4.06	42.40	4.14
	59	50	42.12	3.18	41.04	3.20	40.31	3.28	39.15	3.35	38.07	3.40
	68	59	37.22	2.56	36.26	2.58	35.62	2.64	34.59	2.70	33.64	2.75
09 + 18 + 24	-5	-7	28.86	5.45	28.12	5.35	27.43	5.26	26.88	5.13	26.05	5.03
	5	3	34.80	5.72	33.96	5.62	33.26	5.51	32.86	5.41	32.07	5.29
	14	12	40.78	5.93	39.76	5.82	38.83	5.71	37.82	5.59	36.77	5.48
	23	19	44.01	6.17	42.93	6.06	41.84	5.93	40.76	5.81	39.68	5.75
	32	28	47.10	6.32	45.89	6.21	44.92	6.07	43.63	5.95	42.50	5.83
	41	37	50.59	6.40	49.29	6.28	48.28	6.13	46.94	6.03	45.77	5.92
	47	43	53.58	6.47	51.97	6.34	50.76	6.21	49.55	6.14	48.34	6.05
	50	47	49.26	6.08	48.00	5.96	47.15	5.84	45.79	5.71	44.53	5.67
	59	50	44.23	5.66	43.09	5.57	42.33	5.45	41.11	5.32	39.98	5.28
	68	59	39.08	5.21	38.08	5.10	37.41	4.99	36.33	4.89	2.89	4.84
12 + 12 + 18	-5	-7	31.24	2.94	30.43	2.99	29.69	3.07	29.09	3.12	28.19	3.18
	5	3	37.67	3.47	36.75	3.55	36.00	3.62	35.57	3.69	34.71	3.76
	14	12	42.77	4.11	41.70	4.20	39.09	4.29	39.66	4.37	38.57	4.46
	23	19	43.99	4.34	42.91	4.42	41.07	4.51	40.85	4.61	39.74	4.70
	32	28	46.61	4.50	45.41	4.59	44.45	4.68	43.17	4.79	42.05	4.88
	41	37	48.73	4.78	47.47	4.87	46.50	4.95	45.21	5.07	44.08	5.17
	47	43	50.86	4.55	49.55	4.57	48.67	4.67	47.27	4.76	45.97	4.86
	50	47	46.23	3.81	45.05	3.83	44.25	3.92	42.97	4.00	41.79	4.08
	59	50	41.51	3.13	40.44	3.15	39.73	3.23	38.58	3.30	37.52	3.35
	68	59	36.68	2.52	35.74	2.55	35.10	2.60	34.09	2.66	33.15	2.71
12 + 12 + 24	-5	-7	31.24	2.94	30.43	2.99	29.69	3.07	29.09	3.12	28.19	3.18
	5	3	37.67	3.47	36.75	3.55	36.00	3.62	35.57	3.69	34.71	3.76
	14	12	43.16	4.15	42.09	4.24	39.45	4.33	40.03	4.41	38.92	4.50
	23	19	44.78	4.41	43.69	4.50	41.82	4.59	41.59	4.69	40.46	4.78
	32	28	47.87	4.62	46.63	4.71	45.65	4.81	44.33	4.92	43.19	5.01
	41	37	50.46	4.95	49.16	5.04	48.15	5.13	46.82	5.25	45.64	5.35
	47	43	53.10	4.75	51.74	4.77	50.82	4.87	49.36	4.97	47.99	5.07
	50	47	48.27	3.97	47.03	4.00	46.20	4.09	44.87	4.18	43.63	4.26
	59	50	43.34	3.27	42.23	3.29	41.48	3.37	40.28	3.45	39.17	3.50
	68	59	38.30	2.63	37.31	2.66	36.65	2.71	35.60	2.78	34.61	2.83
75	65	27.62	1.87	26.91	1.89	26.44	1.94	25.67	1.98	24.97	2.01	

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
	°FDB	°FWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
Btu/h			Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
12 + 18 + 24	-5	-7	28.86	5.45	28.12	5.35	27.43	5.26	26.88	5.13	26.05	5.03
	5	3	34.80	5.72	33.96	5.62	33.26	5.51	32.86	5.41	32.07	5.29
	14	12	40.85	5.94	39.84	5.83	38.90	5.72	37.89	5.60	36.84	5.49
	23	19	44.17	6.20	43.08	6.08	41.99	5.95	40.91	5.84	39.82	5.77
	32	28	47.35	6.36	46.13	6.24	45.15	6.10	43.85	5.98	42.72	5.86
	41	37	50.93	6.44	49.61	6.32	48.60	6.17	47.25	6.07	46.07	5.96
	47	43	54.01	6.52	52.38	6.39	51.17	6.26	49.95	6.19	48.73	6.10
	50	47	49.66	6.13	48.39	6.01	47.53	5.89	46.16	5.75	44.89	5.71
	59	50	44.58	5.70	43.44	5.62	42.67	5.50	41.44	5.36	40.30	5.33
	68	59	39.40	5.25	38.39	5.15	37.71	5.03	36.62	4.93	35.61	4.88
75	65	28.42	3.91	27.69	3.84	27.20	3.77	26.41	3.67	25.69	3.63	
07 + 07 + 07 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.45	5.89	39.44	5.78	38.51	5.67	37.51	5.54	36.47	5.43
	23	19	42.91	6.02	41.85	5.91	40.80	5.78	39.74	5.67	38.69	5.60
	32	28	45.19	6.07	44.03	5.96	43.10	5.82	41.86	5.71	40.77	5.60
	41	37	47.81	6.05	46.58	5.93	45.62	5.80	44.36	5.70	43.25	5.59
	47	43	49.91	6.03	48.41	5.91	47.28	5.79	46.16	5.72	45.03	5.64
	50	47	45.89	5.66	44.72	5.55	43.92	5.44	42.66	5.32	41.48	5.28
	59	50	41.20	5.27	40.15	5.19	39.43	5.08	38.30	4.96	37.24	4.92
	68	59	36.41	4.85	35.47	4.76	34.85	4.65	33.84	4.55	32.91	4.51
75	65	26.26	3.61	25.59	3.55	25.13	3.48	24.41	3.40	23.74	3.35	
07 + 07 + 07 + 24	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.47	6.03	40.44	5.92	39.49	5.81	38.46	5.68	37.40	5.57
	23	19	45.04	6.32	43.93	6.20	42.82	6.07	41.72	5.95	40.61	5.88
	32	28	48.48	6.51	47.24	6.39	46.24	6.25	44.91	6.13	43.74	6.00
	41	37	52.35	6.62	51.00	6.50	49.96	6.35	48.57	6.24	47.36	6.12
	47	43	55.71	6.73	54.04	6.59	52.78	6.46	51.53	6.38	50.27	6.29
	50	47	51.23	6.32	49.92	6.20	49.03	6.07	47.62	5.93	46.30	5.89
	59	50	45.99	5.89	44.81	5.80	44.02	5.67	42.75	5.53	41.57	5.49
	68	59	40.64	5.42	39.60	5.31	38.90	5.19	37.78	5.08	36.73	5.03
75	65	29.31	4.03	28.56	3.97	28.06	3.88	27.25	3.79	26.50	3.74	
07 + 07 + 09 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	39.76	5.79	38.77	5.68	37.86	5.57	36.87	5.45	35.85	5.34
	23	19	41.49	5.82	40.47	5.71	39.45	5.59	38.43	5.48	37.41	5.42
	32	28	43.00	5.77	41.89	5.67	41.01	5.54	39.83	5.43	38.79	5.33
	41	37	44.78	5.67	43.62	5.56	42.73	5.43	41.55	5.34	40.51	5.24
	47	43	46.04	5.56	44.66	5.45	43.62	5.34	42.58	5.28	41.54	5.20
	50	47	42.34	5.22	41.25	5.12	40.52	5.02	39.35	4.90	38.27	4.87
	59	50	38.01	4.86	37.03	4.79	36.38	4.69	35.33	4.57	34.35	4.54
	68	59	33.59	4.48	32.72	4.39	32.14	4.29	31.22	4.20	30.36	4.16
75	65	24.22	3.33	23.60	3.28	23.19	3.21	22.52	3.13	21.90	3.09	
07 + 07 + 09 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.79	5.94	39.77	5.83	38.84	5.72	37.83	5.59	36.78	5.48
	23	19	43.62	6.12	42.55	6.01	41.47	5.88	40.40	5.76	39.33	5.70
	32	28	46.29	6.22	45.10	6.10	44.15	5.96	42.87	5.85	41.76	5.73
	41	37	49.32	6.24	48.05	6.12	47.07	5.98	45.76	5.88	44.62	5.77
	47	43	51.85	6.26	50.29	6.14	49.12	6.01	47.95	5.94	46.78	5.86
	50	47	47.67	5.88	46.45	5.77	45.63	5.65	44.31	5.52	43.09	5.48
	59	50	42.80	5.48	41.70	5.39	40.96	5.28	39.78	5.15	38.68	5.11
	68	59	37.82	5.04	36.85	4.94	36.20	4.83	35.15	4.73	34.18	4.68
75	65	27.28	3.75	26.58	3.69	26.11	3.62	25.36	3.53	24.66	3.48	
07 + 07 + 09 + 24	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.09	5.98	40.06	5.87	39.12	5.76	38.10	5.63	37.05	5.52
	23	19	44.24	6.21	43.15	6.09	42.06	5.96	40.98	5.85	39.89	5.78
	32	28	47.25	6.34	46.03	6.23	45.06	6.09	43.76	5.97	42.63	5.85
	41	37	50.65	6.41	49.34	6.28	48.33	6.14	46.99	6.04	45.82	5.92
	47	43	53.54	6.46	51.93	6.34	50.72	6.21	49.51	6.13	48.31	6.05
	50	47	49.23	6.07	47.97	5.95	47.12	5.83	45.76	5.70	44.50	5.66
	59	50	44.20	5.66	43.06	5.57	42.30	5.45	41.08	5.32	39.95	5.28
	68	59	39.05	5.20	38.05	5.10	37.38	4.99	36.30	4.89	35.30	4.83
75	65	28.17	3.88	27.45	3.81	26.96	3.73	26.18	3.64	25.46	3.60	



# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
	Btu/h	°FDB	°FWB	TC	IP	TC	IP	TC	IP	TC	IP	TC
07 + 07 + 12 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.27	5.86	39.27	5.75	38.35	5.64	37.35	5.52	36.32	5.41
	23	19	42.55	5.97	41.51	5.86	40.46	5.73	39.41	5.62	38.37	5.56
	32	28	44.64	5.99	43.49	5.88	42.58	5.75	41.35	5.64	40.28	5.53
	41	37	47.05	5.95	45.84	5.84	44.90	5.70	43.65	5.61	42.56	5.50
	47	43	48.94	5.91	47.47	5.79	46.37	5.68	45.26	5.61	44.16	5.53
	50	47	45.00	5.55	43.85	5.44	43.07	5.33	41.83	5.21	40.68	5.18
	59	50	40.40	5.17	39.37	5.09	38.67	4.98	37.55	4.86	36.52	4.83
	68	59	35.70	4.76	34.79	4.66	34.17	4.56	33.19	4.47	32.27	4.42
07 + 07 + 12 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.01	5.97	39.99	5.86	39.05	5.75	38.03	5.62	36.98	5.51
	23	19	44.08	6.18	43.00	6.07	41.91	5.94	40.83	5.82	39.74	5.76
	32	28	47.00	6.31	45.79	6.19	44.82	6.05	43.54	5.94	42.41	5.82
	41	37	50.31	6.36	49.01	6.24	48.01	6.10	46.68	6.00	45.51	5.88
	47	43	53.10	6.41	51.51	6.29	50.31	6.16	49.11	6.09	47.91	6.00
	50	47	48.83	6.02	47.58	5.91	46.73	5.79	45.39	5.66	44.13	5.62
	59	50	43.84	5.61	42.71	5.53	41.96	5.40	40.75	5.27	39.62	5.24
	68	59	38.74	5.16	37.74	5.06	37.07	4.95	36.01	4.85	35.01	4.79
07 + 07 + 12 + 24	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.16	5.99	40.14	5.88	39.20	5.77	38.18	5.64	37.12	5.53
	23	19	44.40	6.23	43.31	6.11	42.22	5.98	41.12	5.87	40.03	5.80
	32	28	47.50	6.38	46.27	6.26	45.30	6.12	43.99	6.00	42.85	5.88
	41	37	50.99	6.45	49.67	6.33	48.66	6.18	47.31	6.08	46.12	5.96
	47	43	53.97	6.52	52.35	6.39	51.13	6.26	49.92	6.18	48.70	6.10
	50	47	49.63	6.12	48.36	6.00	47.50	5.88	46.13	5.75	44.86	5.71
	59	50	44.56	5.70	43.41	5.62	42.64	5.49	41.41	5.36	40.27	5.32
	68	59	39.37	5.25	38.36	5.14	37.68	5.03	36.60	4.92	35.59	4.87
07 + 09 + 09 + 09	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	39.59	5.76	38.60	5.65	37.70	5.55	36.72	5.43	35.70	5.32
	23	19	41.13	5.77	40.12	5.66	39.11	5.54	38.10	5.43	37.09	5.37
	32	28	42.45	5.70	41.36	5.59	40.48	5.47	39.32	5.36	38.30	5.26
	41	37	44.03	5.57	42.89	5.46	42.01	5.34	40.85	5.25	39.82	5.15
	47	43	45.07	5.44	43.72	5.34	42.70	5.23	41.69	5.17	40.67	5.09
	50	47	41.45	5.11	40.38	5.01	39.67	4.91	38.52	4.80	37.46	4.77
	59	50	37.21	4.76	36.26	4.69	35.61	4.59	34.59	4.48	33.63	4.44
	68	59	32.88	4.38	32.04	4.29	31.47	4.20	30.56	4.11	29.72	4.07
07 + 09 + 09 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.10	5.84	39.10	5.73	38.19	5.62	37.19	5.50	36.16	5.39
	23	19	42.20	5.92	41.16	5.81	40.12	5.69	39.09	5.58	38.05	5.51
	32	28	44.09	5.92	42.96	5.81	42.05	5.68	40.84	5.57	39.78	5.46
	41	37	46.30	5.86	45.10	5.74	44.18	5.61	42.95	5.52	41.88	5.42
	47	43	47.98	5.79	46.53	5.68	45.45	5.56	44.37	5.50	43.29	5.42
	50	47	44.11	5.44	42.98	5.34	42.22	5.23	41.00	5.11	39.87	5.07
	59	50	39.60	5.07	38.59	4.99	37.91	4.88	36.81	4.76	35.80	4.73
	68	59	35.00	4.66	34.10	4.57	33.50	4.47	32.53	4.38	31.63	4.33
07 + 09 + 09 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.98	5.96	39.96	5.85	39.02	5.74	38.01	5.62	36.96	5.51
	23	19	44.03	6.18	42.94	6.06	41.86	5.93	40.78	5.82	39.70	5.75
	32	28	46.92	6.30	45.71	6.18	44.75	6.04	43.46	5.93	42.33	5.81
	41	37	50.20	6.35	48.90	6.23	47.90	6.09	46.57	5.98	45.41	5.87
	47	43	52.96	6.39	51.37	6.27	50.17	6.14	48.98	6.07	47.78	5.98
	50	47	48.70	6.01	47.45	5.89	46.61	5.77	45.26	5.64	44.01	5.60
	59	50	43.72	5.59	42.60	5.51	41.84	5.39	40.64	5.26	39.51	5.22
	68	59	38.63	5.15	37.64	5.05	36.97	4.93	35.91	4.83	34.92	4.78
75	65	27.86	3.83	27.15	3.77	26.67	3.69	25.90	3.60	25.19	3.56	



# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
07 + 09 + 09 + 24	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.14	5.99	40.11	5.88	39.17	5.76	38.15	5.64	37.10	5.53
	23	19	44.35	6.22	43.26	6.11	42.16	5.97	41.07	5.86	39.98	5.79
	32	28	47.41	6.37	46.19	6.25	45.22	6.11	43.92	5.99	42.78	5.87
	41	37	50.88	6.44	49.56	6.31	48.55	6.17	47.20	6.06	46.02	5.95
	47	43	53.83	6.50	52.21	6.37	51.00	6.24	49.78	6.17	48.57	6.08
	50	47	49.50	6.11	48.23	5.99	47.37	5.87	46.01	5.73	44.74	5.69
	59	50	44.44	5.69	43.30	5.60	42.53	5.48	41.30	5.35	40.16	5.31
	68	59	39.27	5.23	38.26	5.13	37.58	5.02	36.50	4.91	35.49	4.86
75	65	28.32	3.90	27.60	3.83	27.11	3.75	26.33	3.66	25.60	3.62	
07 + 09 + 12 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.62	5.91	39.60	5.80	38.67	5.69	37.67	5.57	36.63	5.46
	23	19	43.26	6.07	42.20	5.96	41.14	5.83	40.07	5.72	39.01	5.65
	32	28	45.74	6.14	44.56	6.03	43.62	5.89	42.37	5.78	41.27	5.67
	41	37	48.57	6.14	47.31	6.03	46.35	5.89	45.06	5.79	43.93	5.68
	47	43	50.88	6.14	49.35	6.02	48.20	5.90	47.05	5.83	45.91	5.75
	50	47	46.78	5.77	45.58	5.66	44.78	5.54	43.48	5.42	42.28	5.38
	59	50	42.00	5.37	40.92	5.29	40.20	5.18	39.04	5.05	37.96	5.02
	68	59	37.11	4.95	36.16	4.85	35.52	4.74	34.50	4.64	33.55	4.59
75	65	26.77	3.68	26.08	3.62	25.62	3.55	24.88	3.46	24.20	3.42	
07 + 09 + 12 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.06	5.97	40.04	5.86	39.10	5.75	38.08	5.63	37.03	5.52
	23	19	44.19	6.20	43.10	6.08	42.01	5.95	40.93	5.84	39.84	5.77
	32	28	47.17	6.33	45.95	6.22	44.98	6.08	43.69	5.96	42.55	5.84
	41	37	50.54	6.39	49.23	6.27	48.23	6.13	46.89	6.02	45.71	5.91
	47	43	53.39	6.45	51.79	6.32	50.58	6.19	49.38	6.12	48.17	6.03
	50	47	49.10	6.06	47.84	5.94	46.99	5.82	45.63	5.69	44.38	5.65
	59	50	44.08	5.64	42.95	5.56	42.18	5.43	40.97	5.30	39.84	5.27
	68	59	38.95	5.19	37.95	5.09	37.28	4.98	36.20	4.87	35.20	4.82
75	65	28.09	3.86	27.37	3.80	26.89	3.72	26.11	3.63	25.39	3.59	
07 + 09 + 12 + 24	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.21	6.00	40.19	5.89	39.24	5.78	38.22	5.65	37.17	5.54
	23	19	44.51	6.24	43.41	6.13	42.32	6.00	41.22	5.88	40.13	5.81
	32	28	47.66	6.40	46.43	6.28	45.45	6.14	44.14	6.02	43.00	5.90
	41	37	51.22	6.48	49.89	6.35	48.88	6.21	47.52	6.10	46.33	5.99
	47	43	54.26	6.55	52.63	6.42	51.41	6.29	50.18	6.22	48.96	6.13
	50	47	49.90	6.16	48.62	6.03	47.75	5.91	46.38	5.78	45.10	5.74
	59	50	44.80	5.73	43.65	5.65	42.87	5.52	41.64	5.39	40.49	5.35
	68	59	39.58	5.27	38.57	5.17	37.88	5.06	36.79	4.95	35.78	4.90
75	65	28.55	3.93	27.82	3.86	27.33	3.78	26.54	3.69	25.81	3.65	
07 + 12 + 12 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.98	5.96	39.96	5.85	39.02	5.74	38.01	5.62	36.96	5.51
	23	19	44.03	6.18	42.94	6.06	41.86	5.93	40.78	5.82	39.70	5.75
	32	28	46.92	6.30	45.71	6.18	44.75	6.04	43.46	5.93	42.33	5.81
	41	37	50.20	6.35	48.90	6.23	47.90	6.09	46.57	5.98	45.41	5.87
	47	43	52.96	6.39	51.37	6.27	50.17	6.14	48.98	6.07	47.78	5.98
	50	47	48.70	6.01	47.45	5.89	46.61	5.77	45.26	5.64	44.01	5.60
	59	50	43.72	5.59	42.60	5.51	41.84	5.39	40.64	5.26	39.51	5.22
	68	59	38.63	5.15	37.64	5.05	36.97	4.93	35.91	4.83	34.92	4.78
75	65	27.86	3.83	27.15	3.77	26.67	3.69	25.90	3.60	25.19	3.56	
07 + 12 + 12 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.14	5.99	40.11	5.88	39.17	5.76	38.15	5.64	37.10	5.53
	23	19	44.35	6.22	43.26	6.11	42.16	5.97	41.07	5.86	39.98	5.79
	32	28	47.41	6.37	46.19	6.25	45.22	6.11	43.92	5.99	42.78	5.87
	41	37	50.88	6.44	49.56	6.31	48.55	6.17	47.20	6.06	46.02	5.95
	47	43	53.83	6.50	52.21	6.37	51.00	6.24	49.78	6.17	48.57	6.08
	50	47	49.50	6.11	48.23	5.99	47.37	5.87	46.01	5.73	44.74	5.69
	59	50	44.44	5.69	43.30	5.60	42.53	5.48	41.30	5.35	40.16	5.31
	68	59	39.27	5.23	38.26	5.13	37.58	5.02	36.50	4.91	35.49	4.86
75	65	28.32	3.90	27.60	3.83	27.11	3.75	26.33	3.66	25.60	3.62	

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
	°FDB	°FWB	TC Btu/h	IP kW	TC Btu/h	IP kW	TC Btu/h	IP kW	TC Btu/h	IP kW	TC Btu/h	IP kW
09 + 09 + 09 + 09	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	39.93	5.81	38.94	5.70	38.02	5.60	37.03	5.47	36.01	5.36
	23	19	41.84	5.87	40.81	5.76	39.79	5.64	38.76	5.53	37.73	5.46
	32	28	43.55	5.85	42.43	5.74	41.53	5.61	40.33	5.50	39.29	5.39
	41	37	45.54	5.76	44.36	5.65	43.46	5.52	42.25	5.43	41.19	5.33
	47	43	47.01	5.68	45.60	5.56	44.54	5.45	43.47	5.39	42.41	5.31
	50	47	43.23	5.33	42.12	5.23	41.37	5.12	40.18	5.01	39.07	4.97
	59	50	38.81	4.97	37.81	4.89	37.14	4.78	36.07	4.67	35.08	4.64
	68	59	34.29	4.57	33.41	4.48	32.82	4.38	31.87	4.29	31.00	4.24
09 + 09 + 09 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.45	5.89	39.44	5.78	38.51	5.67	37.51	5.54	36.47	5.43
	23	19	42.91	6.02	41.85	5.91	40.80	5.78	39.74	5.67	38.69	5.60
	32	28	45.19	6.07	44.03	5.96	43.10	5.82	41.86	5.71	40.77	5.60
	41	37	47.81	6.05	46.58	5.93	45.62	5.80	44.36	5.70	43.25	5.59
	47	43	49.91	6.03	48.41	5.91	47.28	5.79	46.16	5.72	45.03	5.64
	50	47	45.89	5.66	44.72	5.55	43.92	5.44	42.66	5.32	41.48	5.28
	59	50	41.20	5.27	40.15	5.19	39.43	5.08	38.30	4.96	37.24	4.92
	68	59	36.41	4.85	35.47	4.76	34.85	4.65	33.84	4.55	32.91	4.51
09 + 09 + 09 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.47	6.03	40.44	5.92	39.49	5.81	38.46	5.68	37.40	5.57
	23	19	45.04	6.32	43.93	6.20	42.82	6.07	41.72	5.95	40.61	5.88
	32	28	48.48	6.51	47.24	6.39	46.24	6.25	44.91	6.13	43.74	6.00
	41	37	52.35	6.62	51.00	6.50	49.96	6.35	48.57	6.24	47.36	6.12
	47	43	55.71	6.73	54.04	6.59	52.78	6.46	51.53	6.38	50.27	6.29
	50	47	51.23	6.32	49.92	6.20	49.03	6.07	47.62	5.93	46.30	5.89
	59	50	45.99	5.89	44.81	5.80	44.02	5.67	42.75	5.53	41.57	5.49
	68	59	40.64	5.42	39.60	5.31	38.90	5.19	37.78	5.08	36.73	5.03
09 + 09 + 09 + 24	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.19	5.99	40.16	5.88	39.22	5.77	38.20	5.64	37.14	5.53
	23	19	44.45	6.24	43.36	6.12	42.27	5.99	41.17	5.87	40.08	5.81
	32	28	47.58	6.39	46.35	6.27	45.37	6.13	44.07	6.01	42.93	5.89
	41	37	51.10	6.47	49.78	6.34	48.77	6.20	47.41	6.09	46.23	5.98
	47	43	54.12	6.53	52.49	6.41	51.27	6.28	50.05	6.20	48.83	6.11
	50	47	49.76	6.14	48.49	6.02	47.63	5.90	46.25	5.76	44.98	5.72
	59	50	44.68	5.72	43.53	5.63	42.76	5.51	41.53	5.37	40.38	5.34
	68	59	39.48	5.26	38.47	5.16	37.78	5.04	36.69	4.94	35.68	4.89
09 + 09 + 12 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.96	5.96	39.94	5.85	39.00	5.74	37.99	5.61	36.93	5.50
	23	19	43.97	6.17	42.89	6.05	41.81	5.92	40.73	5.81	39.65	5.74
	32	28	46.84	6.29	45.63	6.17	44.67	6.03	43.38	5.92	42.26	5.80
	41	37	50.08	6.34	48.79	6.21	47.79	6.07	46.46	5.97	45.30	5.86
	47	43	52.81	6.38	51.22	6.25	50.03	6.13	48.84	6.05	47.65	5.97
	50	47	48.56	5.99	47.32	5.87	46.48	5.75	45.14	5.63	43.89	5.59
	59	50	43.60	5.58	42.48	5.50	41.73	5.37	40.52	5.25	39.41	5.21
	68	59	38.53	5.13	37.54	5.03	36.87	4.92	35.81	4.82	34.82	4.77
09 + 09 + 12 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.11	5.98	40.09	5.87	39.15	5.76	38.13	5.63	37.07	5.52
	23	19	44.29	6.21	43.20	6.10	42.11	5.97	41.03	5.85	39.94	5.78
	32	28	47.33	6.36	46.11	6.24	45.14	6.10	43.84	5.98	42.70	5.86
	41	37	50.76	6.42	49.45	6.30	48.44	6.15	47.10	6.05	45.92	5.94
	47	43	53.68	6.48	52.07	6.35	50.86	6.23	49.65	6.15	48.44	6.06
	50	47	49.36	6.09	48.10	5.97	47.24	5.85	45.88	5.72	44.62	5.68
	59	50	44.32	5.67	43.18	5.59	42.41	5.46	41.19	5.33	40.06	5.29
	68	59	39.16	5.22	38.16	5.11	37.48	5.00	36.40	4.90	35.40	4.85
75	65	28.25	3.89	27.52	3.82	27.03	3.74	26.25	3.65	25.53	3.61	

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
	Btu/h	°FDB	°FWB	TC	IP	TC	IP	TC	IP	TC	IP	TC
09 + 09 + 12 + 24	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.27	6.00	40.24	5.89	39.29	5.78	38.27	5.66	37.21	5.54
	23	19	44.61	6.26	43.52	6.14	42.42	6.01	41.32	5.89	40.22	5.83
	32	28	47.82	6.42	46.59	6.30	45.61	6.16	44.30	6.04	43.15	5.92
	41	37	51.44	6.51	50.12	6.38	49.09	6.24	47.73	6.13	46.54	6.02
	47	43	54.55	6.59	52.91	6.46	51.68	6.33	50.45	6.25	49.22	6.16
	50	47	50.16	6.19	48.88	6.07	48.01	5.94	46.63	5.81	45.34	5.77
	59	50	45.03	5.76	43.88	5.68	43.10	5.55	41.86	5.42	40.71	5.38
	68	59	39.80	5.30	38.77	5.20	38.09	5.08	36.99	4.98	35.97	4.93
09 + 12 + 12 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.47	6.03	40.44	5.92	39.49	5.81	38.46	5.68	37.40	5.57
	23	19	45.04	6.32	43.93	6.20	42.82	6.07	41.72	5.95	40.61	5.88
	32	28	48.48	6.51	47.24	6.39	46.24	6.25	44.91	6.13	43.74	6.00
	41	37	52.35	6.62	51.00	6.50	49.96	6.35	48.57	6.24	47.36	6.12
	47	43	55.71	6.73	54.04	6.59	52.78	6.46	51.53	6.38	50.27	6.29
	50	47	51.23	6.32	49.92	6.20	49.03	6.07	47.62	5.93	46.30	5.89
	59	50	45.99	5.89	44.81	5.80	44.02	5.67	42.75	5.53	41.57	5.49
	68	59	40.64	5.42	39.60	5.31	38.90	5.19	37.78	5.08	36.73	5.03
09 + 12 + 12 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.19	5.99	40.16	5.88	39.22	5.77	38.20	5.64	37.14	5.53
	23	19	44.45	6.24	43.36	6.12	42.27	5.99	41.17	5.87	40.08	5.81
	32	28	47.58	6.39	46.35	6.27	45.37	6.13	44.07	6.01	42.93	5.89
	41	37	51.10	6.47	49.78	6.34	48.77	6.20	47.41	6.09	46.23	5.98
	47	43	54.12	6.53	52.49	6.41	51.27	6.28	50.05	6.20	48.83	6.11
	50	47	49.76	6.14	48.49	6.02	47.63	5.90	46.25	5.76	44.98	5.72
	59	50	44.68	5.72	43.53	5.63	42.76	5.51	41.53	5.37	40.38	5.34
	68	59	39.48	5.26	38.47	5.16	37.78	5.04	36.69	4.94	35.68	4.89
12 + 12 + 12 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.11	5.98	40.09	5.87	39.15	5.76	38.13	5.63	37.07	5.52
	23	19	44.29	6.21	43.20	6.10	42.11	5.97	41.03	5.85	39.94	5.78
	32	28	47.33	6.36	46.11	6.24	45.14	6.10	43.84	5.98	42.70	5.86
	41	37	50.76	6.42	49.45	6.30	48.44	6.15	47.10	6.05	45.92	5.94
	47	43	53.68	6.48	52.07	6.35	50.86	6.23	49.65	6.15	48.44	6.06
	50	47	49.36	6.09	48.10	5.97	47.24	5.85	45.88	5.72	44.62	5.68
	59	50	44.32	5.67	43.18	5.59	42.41	5.46	41.19	5.33	40.06	5.29
	68	59	39.16	5.22	38.16	5.11	37.48	5.00	36.40	4.90	35.40	4.85
12 + 12 + 12 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.27	6.00	40.24	5.89	39.29	5.78	38.27	5.66	37.21	5.54
	23	19	44.61	6.26	43.52	6.14	42.42	6.01	41.32	5.89	40.22	5.83
	32	28	47.82	6.42	46.59	6.30	45.61	6.16	44.30	6.04	43.15	5.92
	41	37	51.44	6.51	50.12	6.38	49.09	6.24	47.73	6.13	46.54	6.02
	47	43	54.55	6.59	52.91	6.46	51.68	6.33	50.45	6.25	49.22	6.16
	50	47	50.16	6.19	48.88	6.07	48.01	5.94	46.63	5.81	45.34	5.77
	59	50	45.03	5.76	43.88	5.68	43.10	5.55	41.86	5.42	40.71	5.38
	68	59	39.80	5.30	38.77	5.20	38.09	5.08	36.99	4.98	35.97	4.93
07 + 07 + 07 + 07	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	39.76	5.79	38.77	5.68	37.86	5.57	36.87	5.45	35.85	5.34
	23	19	41.49	5.82	40.47	5.71	39.45	5.59	38.43	5.48	37.41	5.42
	32	28	43.00	5.77	41.89	5.67	41.01	5.54	39.83	5.43	38.79	5.33
	41	37	44.78	5.67	43.62	5.56	42.73	5.43	41.55	5.34	40.51	5.24
	47	43	46.04	5.56	44.66	5.45	43.62	5.34	42.58	5.28	41.54	5.20
	50	47	42.34	5.22	41.25	5.12	40.52	5.02	39.35	4.90	38.27	4.87
	59	50	38.01	4.86	37.03	4.79	36.38	4.69	35.33	4.57	34.35	4.54
	68	59	33.59	4.48	32.72	4.39	32.14	4.29	31.22	4.20	30.36	4.16
75	65	24.22	3.33	23.60	3.28	23.19	3.21	22.52	3.13	21.90	3.09	

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
	Btu/h	°FDB	°FWB	TC	IP	TC	IP	TC	IP	TC	IP	TC
07 + 07 + 07 + 07 + 09	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.10	5.84	39.10	5.73	38.19	5.62	37.19	5.50	36.16	5.39
	23	19	42.20	5.92	41.16	5.81	40.12	5.69	39.09	5.58	38.05	5.51
	32	28	44.09	5.92	42.96	5.81	42.05	5.68	40.84	5.57	39.78	5.46
	41	37	46.30	5.86	45.10	5.74	44.18	5.61	42.95	5.52	41.88	5.42
	47	43	47.98	5.79	46.53	5.68	45.45	5.56	44.37	5.50	43.29	5.42
	50	47	44.11	5.44	42.98	5.34	42.22	5.23	41.00	5.11	39.87	5.07
	59	50	39.60	5.07	38.59	4.99	37.91	4.88	36.81	4.76	35.80	4.73
	68	59	35.00	4.66	34.10	4.57	33.50	4.47	32.53	4.38	31.63	4.33
07 + 07 + 07 + 07 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.62	5.91	39.60	5.80	38.67	5.69	37.67	5.57	36.63	5.46
	23	19	43.26	6.07	42.20	5.96	41.14	5.83	40.07	5.72	39.01	5.65
	32	28	45.74	6.14	44.56	6.03	43.62	5.89	42.37	5.78	41.27	5.67
	41	37	48.57	6.14	47.31	6.03	46.35	5.89	45.06	5.79	43.93	5.68
	47	43	50.88	6.14	49.35	6.02	48.20	5.90	47.05	5.83	45.91	5.75
	50	47	46.78	5.77	45.58	5.66	44.78	5.54	43.48	5.42	42.28	5.38
	59	50	42.00	5.37	40.92	5.29	40.20	5.18	39.04	5.05	37.96	5.02
	68	59	37.11	4.95	36.16	4.85	35.52	4.74	34.50	4.64	33.55	4.59
07 + 07 + 07 + 07 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.06	5.97	40.04	5.86	39.10	5.75	38.08	5.63	37.03	5.52
	23	19	44.19	6.20	43.10	6.08	42.01	5.95	40.93	5.84	39.84	5.77
	32	28	47.17	6.33	45.95	6.22	44.98	6.08	43.69	5.96	42.55	5.84
	41	37	50.54	6.39	49.23	6.27	48.23	6.13	46.89	6.02	45.71	5.91
	47	43	53.39	6.45	51.79	6.32	50.58	6.19	49.38	6.12	48.17	6.03
	50	47	49.10	6.06	47.84	5.94	46.99	5.82	45.63	5.69	44.38	5.65
	59	50	44.08	5.64	42.95	5.56	42.18	5.43	40.97	5.30	39.84	5.27
	68	59	38.95	5.19	37.95	5.09	37.28	4.98	36.20	4.87	35.20	4.82
07 + 07 + 07 + 07 + 24	-5	-7	28.86	5.45	28.12	5.35	27.43	5.26	26.88	5.13	26.05	5.03
	5	3	34.80	5.72	33.96	5.62	33.26	5.51	32.86	5.41	32.07	5.29
	14	12	40.85	5.94	39.84	5.83	38.90	5.72	37.89	5.60	36.84	5.49
	23	19	44.17	6.20	43.08	6.08	41.99	5.95	40.91	5.84	39.82	5.77
	32	28	47.35	6.36	46.13	6.24	45.15	6.10	43.85	5.98	42.72	5.86
	41	37	50.93	6.44	49.61	6.32	48.60	6.17	47.25	6.07	46.07	5.96
	47	43	54.01	6.52	52.38	6.39	51.17	6.26	49.95	6.19	48.73	6.10
	50	47	49.66	6.13	48.39	6.01	47.53	5.89	46.16	5.75	44.89	5.71
	59	50	44.58	5.70	43.44	5.62	42.67	5.50	41.44	5.36	40.30	5.33
	68	59	39.40	5.25	38.39	5.15	37.71	5.03	36.62	4.93	35.61	4.88
07 + 07 + 07 + 09 + 09	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.45	5.89	39.44	5.78	38.51	5.67	37.51	5.54	36.47	5.43
	23	19	42.91	6.02	41.85	5.91	40.80	5.78	39.74	5.67	38.69	5.60
	32	28	45.19	6.07	44.03	5.96	43.10	5.82	41.86	5.71	40.77	5.60
	41	37	47.81	6.05	46.58	5.93	45.62	5.80	44.36	5.70	43.25	5.59
	47	43	49.91	6.03	48.41	5.91	47.28	5.79	46.16	5.72	45.03	5.64
	50	47	45.89	5.66	44.72	5.55	43.92	5.44	42.66	5.32	41.48	5.28
	59	50	41.20	5.27	40.15	5.19	39.43	5.08	38.30	4.96	37.24	4.92
	68	59	36.41	4.85	35.47	4.76	34.85	4.65	33.84	4.55	32.91	4.51
07 + 07 + 07 + 09 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.96	5.96	39.94	5.85	39.00	5.74	37.99	5.61	36.93	5.50
	23	19	43.97	6.17	42.89	6.05	41.81	5.92	40.73	5.81	39.65	5.74
	32	28	46.84	6.29	45.63	6.17	44.67	6.03	43.38	5.92	42.26	5.80
	41	37	50.08	6.34	48.79	6.21	47.79	6.07	46.46	5.97	45.30	5.86
	47	43	52.81	6.38	51.22	6.25	50.03	6.13	48.84	6.05	47.65	5.97
	50	47	48.56	5.99	47.32	5.87	46.48	5.75	45.14	5.63	43.89	5.59
	59	50	43.60	5.58	42.48	5.50	41.73	5.37	40.52	5.25	39.41	5.21
	68	59	38.53	5.13	37.54	5.03	36.87	4.92	35.81	4.82	34.82	4.77
75	65	27.79	3.82	27.08	3.76	26.60	3.68	25.83	3.59	25.12	3.55	

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
	Btu/h	°FDB	°FWB	TC	IP	TC	IP	TC	IP	TC	IP	TC
07 + 07 + 07 + 09 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.11	5.98	40.09	5.87	39.15	5.76	38.13	5.63	37.07	5.52
	23	19	44.29	6.21	43.20	6.10	42.11	5.97	41.03	5.85	39.94	5.78
	32	28	47.33	6.36	46.11	6.24	45.14	6.10	43.84	5.98	42.70	5.86
	41	37	50.76	6.42	49.45	6.30	48.44	6.15	47.10	6.05	45.92	5.94
	47	43	53.68	6.48	52.07	6.35	50.86	6.23	49.65	6.15	48.44	6.06
	50	47	49.36	6.09	48.10	5.97	47.24	5.85	45.88	5.72	44.62	5.68
	59	50	44.32	5.67	43.18	5.59	42.41	5.46	41.19	5.33	40.06	5.29
	68	59	39.16	5.22	38.16	5.11	37.48	5.00	36.40	4.90	35.40	4.85
07 + 07 + 07 + 09 + 24	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.27	6.00	40.24	5.89	39.29	5.78	38.27	5.66	37.21	5.54
	23	19	44.61	6.26	43.52	6.14	42.42	6.01	41.32	5.89	40.22	5.83
	32	28	47.82	6.42	46.59	6.30	45.61	6.16	44.30	6.04	43.15	5.92
	41	37	51.44	6.51	50.12	6.38	49.09	6.24	47.73	6.13	46.54	6.02
	47	43	54.55	6.59	52.91	6.46	51.68	6.33	50.45	6.25	49.22	6.16
	50	47	50.16	6.19	48.88	6.07	48.01	5.94	46.63	5.81	45.34	5.77
	59	50	45.03	5.76	43.88	5.68	43.10	5.55	41.86	5.42	40.71	5.38
	68	59	39.80	5.30	38.77	5.20	38.09	5.08	36.99	4.98	35.97	4.93
07 + 07 + 07 + 12 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.47	6.03	40.44	5.92	39.49	5.81	38.46	5.68	37.40	5.57
	23	19	45.04	6.32	43.93	6.20	42.82	6.07	41.72	5.95	40.61	5.88
	32	28	48.48	6.51	47.24	6.39	46.24	6.25	44.91	6.13	43.74	6.00
	41	37	52.35	6.62	51.00	6.50	49.96	6.35	48.57	6.24	47.36	6.12
	47	43	55.71	6.73	54.04	6.59	52.78	6.46	51.53	6.38	50.27	6.29
	50	47	51.23	6.32	49.92	6.20	49.03	6.07	47.62	5.93	46.30	5.89
	59	50	45.99	5.89	44.81	5.80	44.02	5.67	42.75	5.53	41.57	5.49
	68	59	40.64	5.42	39.60	5.31	38.90	5.19	37.78	5.08	36.73	5.03
07 + 07 + 07 + 12 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.19	5.99	40.16	5.88	39.22	5.77	38.20	5.64	37.14	5.53
	23	19	44.45	6.24	43.36	6.12	42.27	5.99	41.17	5.87	40.08	5.81
	32	28	47.58	6.39	46.35	6.27	45.37	6.13	44.07	6.01	42.93	5.89
	41	37	51.10	6.47	49.78	6.34	48.77	6.20	47.41	6.09	46.23	5.98
	47	43	54.12	6.53	52.49	6.41	51.27	6.28	50.05	6.20	48.83	6.11
	50	47	49.76	6.14	48.49	6.02	47.63	5.90	46.25	5.76	44.98	5.72
	59	50	44.68	5.72	43.53	5.63	42.76	5.51	41.53	5.37	40.38	5.34
	68	59	39.48	5.26	38.47	5.16	37.78	5.04	36.69	4.94	35.68	4.89
07 + 07 + 09 + 09 + 09	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.79	5.94	39.77	5.83	38.84	5.72	37.83	5.59	36.78	5.48
	23	19	43.62	6.12	42.55	6.01	41.47	5.88	40.40	5.76	39.33	5.70
	32	28	46.29	6.22	45.10	6.10	44.15	5.96	42.87	5.85	41.76	5.73
	41	37	49.32	6.24	48.05	6.12	47.07	5.98	45.76	5.88	44.62	5.77
	47	43	51.85	6.26	50.29	6.14	49.12	6.01	47.95	5.94	46.78	5.86
	50	47	47.67	5.88	46.45	5.77	45.63	5.65	44.31	5.52	43.09	5.48
	59	50	42.80	5.48	41.70	5.39	40.96	5.28	39.78	5.15	38.68	5.11
	68	59	37.82	5.04	36.85	4.94	36.20	4.83	35.15	4.73	34.18	4.68
07 + 07 + 09 + 09 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.01	5.97	39.99	5.86	39.05	5.75	38.03	5.62	36.98	5.51
	23	19	44.08	6.18	43.00	6.07	41.91	5.94	40.83	5.82	39.74	5.76
	32	28	47.00	6.31	45.79	6.19	44.82	6.05	43.54	5.94	42.41	5.82
	41	37	50.31	6.36	49.01	6.24	48.01	6.10	46.68	6.00	45.51	5.88
	47	43	53.10	6.41	51.51	6.29	50.31	6.16	49.11	6.09	47.91	6.00
	50	47	48.83	6.02	47.58	5.91	46.73	5.79	45.39	5.66	44.13	5.62
	59	50	43.84	5.61	42.71	5.53	41.96	5.40	40.75	5.27	39.62	5.24
	68	59	38.74	5.16	37.74	5.06	37.07	4.95	36.01	4.85	35.01	4.79
75	65	27.94	3.84	27.22	3.78	26.74	3.70	25.97	3.61	25.25	3.57	

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
07 + 07 + 09 + 09 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.16	5.99	40.14	5.88	39.20	5.77	38.18	5.64	37.12	5.53
	23	19	44.40	6.23	43.31	6.11	42.22	5.98	41.12	5.87	40.03	5.80
	32	28	47.50	6.38	46.27	6.26	45.30	6.12	43.99	6.00	42.85	5.88
	41	37	50.99	6.45	49.67	6.33	48.66	6.18	47.31	6.08	46.12	5.96
	47	43	53.97	6.52	52.35	6.39	51.13	6.26	49.92	6.18	48.70	6.10
	50	47	49.63	6.12	48.36	6.00	47.50	5.88	46.13	5.75	44.86	5.71
	59	50	44.56	5.70	43.41	5.62	42.64	5.49	41.41	5.36	40.27	5.32
	68	59	39.37	5.25	38.36	5.14	37.68	5.03	36.60	4.92	35.59	4.87
07 + 07 + 09 + 12 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.09	5.98	40.06	5.87	39.12	5.76	38.10	5.63	37.05	5.52
	23	19	44.24	6.21	43.15	6.09	42.06	5.96	40.98	5.85	39.89	5.78
	32	28	47.25	6.34	46.03	6.23	45.06	6.09	43.76	5.97	42.63	5.85
	41	37	50.65	6.41	49.34	6.28	48.33	6.14	46.99	6.04	45.82	5.92
	47	43	53.54	6.46	51.93	6.34	50.72	6.21	49.51	6.13	48.31	6.05
	50	47	49.23	6.07	47.97	5.95	47.12	5.83	45.76	5.70	44.50	5.66
	59	50	44.20	5.66	43.06	5.57	42.30	5.45	41.08	5.32	39.95	5.28
	68	59	39.05	5.20	38.05	5.10	37.38	4.99	36.30	4.89	35.30	4.83
07 + 07 + 12 + 12 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.16	5.99	40.14	5.88	39.20	5.77	38.18	5.64	37.12	5.53
	23	19	44.40	6.23	43.31	6.11	42.22	5.98	41.12	5.87	40.03	5.80
	32	28	47.50	6.38	46.27	6.26	45.30	6.12	43.99	6.00	42.85	5.88
	41	37	50.99	6.45	49.67	6.33	48.66	6.18	47.31	6.08	46.12	5.96
	47	43	53.97	6.52	52.35	6.39	51.13	6.26	49.92	6.18	48.70	6.10
	50	47	49.63	6.12	48.36	6.00	47.50	5.88	46.13	5.75	44.86	5.71
	59	50	44.56	5.70	43.41	5.62	42.64	5.49	41.41	5.36	40.27	5.32
	68	59	39.37	5.25	38.36	5.14	37.68	5.03	36.60	4.92	35.59	4.87
07 + 09 + 09 + 09 + 09	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	40.98	5.96	39.96	5.85	39.02	5.74	38.01	5.62	36.96	5.51
	23	19	44.03	6.18	42.94	6.06	41.86	5.93	40.78	5.82	39.70	5.75
	32	28	46.92	6.30	45.71	6.18	44.75	6.04	43.46	5.93	42.33	5.81
	41	37	50.20	6.35	48.90	6.23	47.90	6.09	46.57	5.98	45.41	5.87
	47	43	52.96	6.39	51.37	6.27	50.17	6.14	48.98	6.07	47.78	5.98
	50	47	48.70	6.01	47.45	5.89	46.61	5.77	45.26	5.64	44.01	5.60
	59	50	43.72	5.59	42.60	5.51	41.84	5.39	40.64	5.26	39.51	5.22
	68	59	38.63	5.15	37.64	5.05	36.97	4.93	35.91	4.83	34.92	4.78
07 + 09 + 09 + 09 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.06	5.97	40.04	5.86	39.10	5.75	38.08	5.63	37.03	5.52
	23	19	44.19	6.20	43.10	6.08	42.01	5.95	40.93	5.84	39.84	5.77
	32	28	47.17	6.33	45.95	6.22	44.98	6.08	43.69	5.96	42.55	5.84
	41	37	50.54	6.39	49.23	6.27	48.23	6.13	46.89	6.02	45.71	5.91
	47	43	53.39	6.45	51.79	6.32	50.58	6.19	49.38	6.12	48.17	6.03
	50	47	49.10	6.06	47.84	5.94	46.99	5.82	45.63	5.69	44.38	5.65
	59	50	44.08	5.64	42.95	5.56	42.18	5.43	40.97	5.30	39.84	5.27
	68	59	38.95	5.19	37.95	5.09	37.28	4.98	36.20	4.87	35.20	4.82
07 + 09 + 09 + 09 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.21	6.00	40.19	5.89	39.24	5.78	38.22	5.65	37.17	5.54
	23	19	44.51	6.24	43.41	6.13	42.32	6.00	41.22	5.88	40.13	5.81
	32	28	47.66	6.40	46.43	6.28	45.45	6.14	44.14	6.02	43.00	5.90
	41	37	51.22	6.48	49.89	6.35	48.88	6.21	47.52	6.10	46.33	5.99
	47	43	54.26	6.55	52.63	6.42	51.41	6.29	50.18	6.22	48.96	6.13
	50	47	49.90	6.16	48.62	6.03	47.75	5.91	46.38	5.78	45.10	5.74
	59	50	44.80	5.73	43.65	5.65	42.87	5.52	41.64	5.39	40.49	5.35
	68	59	39.58	5.27	38.57	5.17	37.88	5.06	36.79	4.95	35.78	4.90

# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
	Btu/h	°FDB	°FWB	TC	IP	TC	IP	TC	IP	TC	IP	TC
07 + 09 + 09 + 12 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.14	5.99	40.11	5.88	39.17	5.76	38.15	5.64	37.10	5.53
	23	19	44.35	6.22	43.26	6.11	42.16	5.97	41.07	5.86	39.98	5.79
	32	28	47.41	6.37	46.19	6.25	45.22	6.11	43.92	5.99	42.78	5.87
	41	37	50.88	6.44	49.56	6.31	48.55	6.17	47.20	6.06	46.02	5.95
	47	43	53.83	6.50	52.21	6.37	51.00	6.24	49.78	6.17	48.57	6.08
	50	47	49.50	6.11	48.23	5.99	47.37	5.87	46.01	5.73	44.74	5.69
	59	50	44.44	5.69	43.30	5.60	42.53	5.48	41.30	5.35	40.16	5.31
	68	59	39.27	5.23	38.26	5.13	37.58	5.02	36.50	4.91	35.49	4.86
07 + 09 + 12 + 12 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.21	6.00	40.19	5.89	39.24	5.78	38.22	5.65	37.17	5.54
	23	19	44.51	6.24	43.41	6.13	42.32	6.00	41.22	5.88	40.13	5.81
	32	28	47.66	6.40	46.43	6.28	45.45	6.14	44.14	6.02	43.00	5.90
	41	37	51.22	6.48	49.89	6.35	48.88	6.21	47.52	6.10	46.33	5.99
	47	43	54.26	6.55	52.63	6.42	51.41	6.29	50.18	6.22	48.96	6.13
	50	47	49.90	6.16	48.62	6.03	47.75	5.91	46.38	5.78	45.10	5.74
	59	50	44.80	5.73	43.65	5.65	42.87	5.52	41.64	5.39	40.49	5.35
	68	59	39.58	5.27	38.57	5.17	37.88	5.06	36.79	4.95	35.78	4.90
09 + 09 + 09 + 09 + 09	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.47	6.03	40.44	5.92	39.49	5.81	38.46	5.68	37.40	5.57
	23	19	45.04	6.32	43.93	6.20	42.82	6.07	41.72	5.95	40.61	5.88
	32	28	48.48	6.51	47.24	6.39	46.24	6.25	44.91	6.13	43.74	6.00
	41	37	52.35	6.62	51.00	6.50	49.96	6.35	48.57	6.24	47.36	6.12
	47	43	55.71	6.73	54.04	6.59	52.78	6.46	51.53	6.38	50.27	6.29
	50	47	51.23	6.32	49.92	6.20	49.03	6.07	47.62	5.93	46.30	5.89
	59	50	45.99	5.89	44.81	5.80	44.02	5.67	42.75	5.53	41.57	5.49
	68	59	40.64	5.42	39.60	5.31	38.90	5.19	37.78	5.08	36.73	5.03
09 + 09 + 09 + 09 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.11	5.98	40.09	5.87	39.15	5.76	38.13	5.63	37.07	5.52
	23	19	44.29	6.21	43.20	6.10	42.11	5.97	41.03	5.85	39.94	5.78
	32	28	47.33	6.36	46.11	6.24	45.14	6.10	43.84	5.98	42.70	5.86
	41	37	50.76	6.42	49.45	6.30	48.44	6.15	47.10	6.05	45.92	5.94
	47	43	53.68	6.48	52.07	6.35	50.86	6.23	49.65	6.15	48.44	6.06
	50	47	49.36	6.09	48.10	5.97	47.24	5.85	45.88	5.72	44.62	5.68
	59	50	44.32	5.67	43.18	5.59	42.41	5.46	41.19	5.33	40.06	5.29
	68	59	39.16	5.22	38.16	5.11	37.48	5.00	36.40	4.90	35.40	4.85
09 + 09 + 09 + 09 + 18	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.27	6.00	40.24	5.89	39.29	5.78	38.27	5.66	37.21	5.54
	23	19	44.61	6.26	43.52	6.14	42.42	6.01	41.32	5.89	40.22	5.83
	32	28	47.82	6.42	46.59	6.30	45.61	6.16	44.30	6.04	43.15	5.92
	41	37	51.44	6.51	50.12	6.38	49.09	6.24	47.73	6.13	46.54	6.02
	47	43	54.55	6.59	52.91	6.46	51.68	6.33	50.45	6.25	49.22	6.16
	50	47	50.16	6.19	48.88	6.07	48.01	5.94	46.63	5.81	45.34	5.77
	59	50	45.03	5.76	43.88	5.68	43.10	5.55	41.86	5.42	40.71	5.38
	68	59	39.80	5.30	38.77	5.20	38.09	5.08	36.99	4.98	35.97	4.93
09 + 09 + 09 + 12 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.19	5.99	40.16	5.88	39.22	5.77	38.20	5.64	37.14	5.53
	23	19	44.45	6.24	43.36	6.12	42.27	5.99	41.17	5.87	40.08	5.81
	32	28	47.58	6.39	46.35	6.27	45.37	6.13	44.07	6.01	42.93	5.89
	41	37	51.10	6.47	49.78	6.34	48.77	6.20	47.41	6.09	46.23	5.98
	47	43	54.12	6.53	52.49	6.41	51.27	6.28	50.05	6.20	48.83	6.11
	50	47	49.76	6.14	48.49	6.02	47.63	5.90	46.25	5.76	44.98	5.72
	59	50	44.68	5.72	43.53	5.63	42.76	5.51	41.53	5.37	40.38	5.34
	68	59	39.48	5.26	38.47	5.16	37.78	5.04	36.69	4.94	35.68	4.89
75	65	28.47	3.92	27.74	3.85	27.25	3.77	26.47	3.68	25.74	3.64	



# Multi Manufacturing HPC Multi Split Expanded Ratings

## 42HPC5-XX-A

### Expanded Heating Ratings

Indoor Unit Combo	Outdoor Temp		Indoor temperature									
			60 °FDB		65 °FDB		70 °FDB		75 °FDB		78 °FDB	
			TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
Btu/h	°FDB	°FWB	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW
09 + 09 + 12 + 12 + 12	-5	-7	29.16	5.51	28.40	5.40	27.71	5.32	27.15	5.18	26.31	5.08
	5	3	35.15	5.78	34.30	5.68	33.60	5.57	33.19	5.46	32.40	5.34
	14	12	41.27	6.00	40.24	5.89	39.29	5.78	38.27	5.66	37.21	5.54
	23	19	44.61	6.26	43.52	6.14	42.42	6.01	41.32	5.89	40.22	5.83
	32	28	47.82	6.42	46.59	6.30	45.61	6.16	44.30	6.04	43.15	5.92
	41	37	51.44	6.51	50.12	6.38	49.09	6.24	47.73	6.13	46.54	6.02
	47	43	54.55	6.59	52.91	6.46	51.68	6.33	50.45	6.25	49.22	6.16
	50	47	50.16	6.19	48.88	6.07	48.01	5.94	46.63	5.81	45.34	5.77
	59	50	45.03	5.76	43.88	5.68	43.10	5.55	41.86	5.42	40.71	5.38
	68	59	39.80	5.30	38.77	5.20	38.09	5.08	36.99	4.98	35.97	4.93
	75	65	28.70	3.95	27.97	3.88	27.47	3.80	26.68	3.71	25.94	3.67

TC = Total Capacity (Gross)

SHC = Sensible Heat Capacity (Gross)

IP = Input Power (Including the compressor, evaporator fan motor, and condenser fan motor)

**Notes:**

2 or more indoor units should be connected to outdoor Heat Pump.

The total capacity of connected indoor units is from 34,000 Btu/h to 54,000 Btu/h

Input in the tables are calculated based on the maximum indoor unit input combinations.

Capacity loss due to white frost and defrost operation is not reflected above.

Specifications are based on the following:

- Power source 230V.
- Pipe length of 24.6', with a height difference between indoor fan coil and outdoor HP of 0'.
- Indoor fan coil High fan speed.