ERHQ-BW17

Maximum heating capacity - Peak values

	LWC [°C]	30		35		40		45		50		55	
	Tamb [°C]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]
R(H/L)Q011	-20	5.92	2.33	5.57	2.53	5.45	2.78	5.31	3.07				
	-15	6.70	2.37	6.30	2.58	6.15	2.83	5.98	3.13	5.74	3.47		
	-7	8.22	2.40	7.74	2.63	7.59	2.89	7.39	3.20	7.11	3.55	6.60	3.94
	-2	9.38	2.41	8.86	2.64	8.70	2.91	8.50	3.23	8.19	3.58	7.63	3.98
	2	10.43	2.40	9.88	2.64	9.72	2.92	9.52	3.24	9.20	3.60	8.60	4.00
	7	11.92	2.38	11.32	2.63	11.18	2.92	10.98	3.24	10.65	3.61	9.99	4.02
	12	12.93	2.31	12.31	2.56	12.20	2.85	12.02	3.18	11.69	3.55	11.01	3.96
	15	13.99	2.29	13.34	2.54	13.24	2.83	13.07	3.17	12.74	3.54	12.02	3.95
	20	15.90	2.23	15.20	2.49	15.13	2.79	14.98	3.13	14.22	3.51	13.46	3.93
R(H/L)Q014	-20	7.69	2.98	7.46	3.24	7.25	3.54	5.69	3.89				
	-15	6.59	3.04	8.28	3.31	7.99	3.62	7.87	3.98	7.83	4.39		
	-7	10.43	3.11	10.02	3.39	9.61	3.72	9.40	4.10	9.27	4.52	8.87	4.98
	-2	11.87	3.14	11.39	3.43	10.91	3.77	10.65	4.15	10.49	4.58	10.02	5.05
	2	13.20	3.15	12.66	3.45	12.13	3.79	11.84	4.18	11.65	4.61	11.12	5.10
	7	15.11	3.16	14.50	3.42	13.90	3.81	13.57	4.21	13.35	4.65	12.73	5.14
	12	15.99	3.06	15.36	3.36	14.74	3.71	14.40	4.10	14.18	4.53	13.54	5.01
	15	17.33	3.05	16.66	3.35	16.00	3.70	15.64	4.10	15.41	4.54	14.72	5.02
	20	19.77	3.02	19.04	3.33	18.30	3.68	17.92	4.09	17.17	4.53	16.41	5.02
R(H/L)Q016	-20	8.50	3.30	8.36	3.59	8.24	3.93	6.52	4.31				
	-15	9.46	3.37	9.24	3.67	9.02	4.02	8.94	4.41	8.73	4.86		
	-7	11.47	3.46	11.11	3.77	10.76	4.13	10.57	4.54	10.21	5.01	9.86	5.52
	-2	13.05	3.50	12.62	3.82	12.18	4.19	11.92	4.61	11.49	5.08	11.05	5.60
	2	14.52	3.53	14.02	3.85	13.52	4.22	13.22	4.65	12.71	5.13	12.20	5.65
	7	16.63	3.55	16.05	3.82	15.47	4.26	15.11	4.69	14.51	5.17	13.92	5.71
	12	17.34	3.45	16.74	3.78	16.13	4.15	15.76	4.58	15.13	5.05	14.51	5.58
	15	18.81	3.45	18.16	3.78	17.51	4.16	17.10	4.58	16.43	5.06	15.75	5.59
	20	21.49	3.43	20.77	3.77	20.04	4.15	19.59	4.59	18.83	5.07	18.07	5.61

Maximum heating capacity - Integrated value

	LWC [°C]	30		35		40		45		50		55	
	Tamb [°C]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]
R(H/L)Q011	-20	5.02	2.28	4.72	2.48	4.62	2.72	4.49	3.00				
	-15	5.67	2.32	5.33	2.53	5.21	2.78	5.07	3.07	4.86	3.39		
	-7	6.96	2.35	6.56	2.58	6.43	2.84	6.26	3.14	6.02	3.48	5.59	3.86
	-2	7.78	2.31	7.35	2.54	7.22	2.80	7.06	3.10	6.80	3.44	6.33	3.82
	2	8.66	2.31	8.20	2.54	8.07	2.81	7.90	3.11	7.64	3.46	7.14	3.84
	7	11.92	2.38	11.32	2.63	11.18	2.92	10.98	3.24	10.65	3.61	9.99	4.02
	12	12.93	2.31	12.31	2.56	12.20	2.85	12.02	3.18	11.69	3.55	11.01	3.96
	15	13.99	2.29	13.34	2.54	13.24	2.83	13.07	3.17	12.74	3.54	12.02	3.95
	20	15.90	2.23	15.20	2.49	15.13	2.79	14.98	3.13	14.22	3.51	13.46	3.93
R(H/L)Q014	-20	6.54	2.89	6.35	3.14	6.17	3.43	4.84	3.77				
	-15	7.30	2.95	7.05	3.21	6.80	3.51	6.69	3.86	6.66	4.25		
	-7	8.87	3.02	8.52	3.29	8.17	3.61	7.99	3.97	7.89	4.38	7.55	4.83
	-2	9.44	2.85	9.05	3.11	8.68	3.42	8.47	3.76	8.34	4.15	7.96	4.58
	2	10.50	2.86	10.07	3.13	9.65	3.44	9.41	3.79	9.26	4.18	8.64	4.62
	7	15.11	3.16	14.50	3.42	13.90	3.81	13.57	4.21	13.35	4.65	12.73	5.14
	12	15.99	3.06	15.36	3.36	14.74	3.71	14.40	4.10	14.18	4.53	13.54	5.01
	15	17.33	3.05	16.66	3.35	16.00	3.70	15.64	4.10	15.41	4.54	14.72	5.02
	20	19.77	3.02	19.04	3.33	18.30	3.68	17.92	4.09	17.17	4.53	16.41	5.02
R(H/L)Q016	-20	7.02	3.21	6.91	3.48	6.81	3.81	5.39	4.19				
	-15	7.82	3.28	7.63	3.56	7.45	3.90	7.39	4.29	7.21	4.72		
	-7	9.48	3.36	9.18	3.66	8.89	4.01	8.73	4.41	8.44	4.86	8.14	5.36
	-2	9.99	3.13	9.65	3.41	9.32	3.74	9.12	4.11	8.79	4.53	8.45	4.99
	2	11.11	3.15	10.73	3.44	10.34	3.77	10.11	4.15	9.72	4.57	9.33	5.04
	7	16.63	3.55	16.05	3.82	15.47	4.26	15.11	4.69	14.51	5.17	13.92	5.71
	12	17.34	3.45	16.74	3.78	16.13	4.15	15.76	4.58	15.13	5.05	14.51	5.58
	15	18.81	3.45	18.16	3.78	17.51	4.16	17.10	4.58	16.43	5.06	15.75	5.59
	20	21.49	3.43	20.77	3.77	20.04	4.15	19.59	4.59	18.83	5.07	18.07	5.61

SYMBOLS

HC	Cooling capacity at maximum operating frequency, measured ace standard EN14511
PI	Power input, measured acc. EN14511
LWE	Leaving Water Evaporator temperature
LWC	Leaving Water Condensor temperature
Tamb	Ambient temperature RH; (heating) = 85%

NOTES

- For the model with heatertape (*RLQ): when ambient temperature becomes lower than [F-02] (default = 3°C) bottom plate heater power input to be added = 95W
- [F-02] = BPH ON temp for more details see installation manual of indoor unit.