EBLQ-CV3

Maximum cooling capacity

	Tamb [°C]	20		25		30		35		40		43	
	LWE [°C]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]
BLQ05	7	5,64	1,65	5,17	1,82	4,69	2,00	4,22	2,19	3,26	1,96	2,69	1,83
	10	6,00	1,61	5,52	1,78	5,04	1,96	4,57	2,14	3,56	1,92	2,96	1,79
	13	6,31	1,56	5,85	1,73	5,37	1,91	4,90	2,08	3,86	1,87	3,23	1,75
	15	6,51	1,54	6,07	1,70	5,59	1,87	5,11	2,04	4,05	1,84	3,41	1,72
	18	6,84	1,49	6,39	1,66	5,93	1,82	5,46	1,99	4,36	1,79	3,70	1,67
	22	7,42	1,44	7,00	1,59	6,50	1,75	6,03	1,91	4,86	1,72	4,16	1,60
BLQ07	7	7,38	2,50	6,73	2,55	6,04	2,61	5,33	2,69	3,44	2,09	2,31	1,73
	10	7,98	2,45	7,29	2,49	6,54	2,55	5,79	2,62	3,87	2,05	2,72	1,71
	13	8,61	2,39	7,88	2,42	7,06	2,48	6,25	2,55	4,33	2,02	3,18	1,70
	15	9,04	2,35	8,28	2,38	7,42	2,43	6,57	2,50	4,66	1,99	3,51	1,68
	18	9,73	2,29	8,89	2,32	8,00	2,36	7,08	2,43	5,19	1,95	4,06	1,66
	22	10,75	2,22	9,88	2,23	8,84	2,27	7,83	2,33	6,00	1,90	4,90	1,64

Heating capacity - integrated value

	LWC (°C)	30		35		40		45		50		55	
	Tamb (°C)	HC	PI	HC	PI	HC	PI	HC	PI	HC	PI	HC	PI
(B/D)LQ05	-20	2,26	1,58	2,24	1,79	2,20	1,96	2,16	2,18	2,08	2,39		
	-15	3,30	1,58	3,11	1,78	3,17	1,95	2,93	2,20	2,86	2,39	2,64	2,49
	-7	4,70	1,58	4,60	1,71	4,51	1,93	4,30	2,05	4,08	2,34	3,81	2,46
	-2	4,84	1,41	4,76	1,57	4,63	1,76	4,53	1,93	4,28	2,16	4,10	2,27
	2	4,90	1,20	4,80	1,42	4,69	1,55	4,60	1,71	4,42	1,94	4,20	1,98
	7	5,13	0,95	5,00	1,07	4,88	1,25	4,75	1,41	4,48	1,54	4,20	1,56
	12	5,13	0,74	5,00	0,82	4,88	0,97	4,75	1,16	4,48	1,35	4,20	1,35
	15	5,13	0,68	5,00	0,73	4,88	0,89	4,75	1,09	4,48	1,25	4,20	1,28
	20	5,13	0,58	5,00	0,60	4,88	0,72	4,75	0,98	4,48	1,13	4,20	1,24
(B/D)LQ07	-20	3,79	2,46	3,73	2,76	3,51	3,08	3,26	3,21	3,12	3,22		
	-15	4,96	2,43	4,81	2,69	4,52	2,98	4,33	3,17	4,17	3,21	3,79	3,21
	-7	6,57	2,36	6,40	2,74	6,35	2,88	6,25	3,09	5,99	3,18	5,44	3,20
	-2	7,05	2,17	7,00	2,39	6,91	2,58	6,82	2,97	6,41	2,88	6,00	2,97
	2	7,05	1,90	7,00	2,09	6,95	2,39	6,90	2,60	6,50	2,57	6,10	2,78
	7	7,05	1,42	7,00	1,55	6,95	1,79	6,90	2,02	6,50	2,07	6,10	2,22
	12	7,05	1,09	7,00	1,26	6,95	1,45	6,90	1,69	6,50	1,78	6,10	1,91
	15	7,05	0,89	7,00	1,07	6,95	1,25	6,90	1,50	6,50	1,60	6,10	1,75
	20	7,05	0,65	7,00	0,78	6,95	0,93	6,90	1,18	6,50	1,31	6,10	1,48

Symbols

CC	Cooling capacity at maximum operating frequency, measured according to EN 14511.
HC	Heating capacity at maximum operating frequency, measured according to EN 14511
PI	Power input, measured according to EN 14511.
LWE	Leaving water evaporator temperature [°C]
LWC	Leaving water condensor temperature [°C]
Tamb	Ambient temperature; RH (heating) = 85%

Conditions

Cooling capacity

The capacity is according to standard EN14511 and valid for chilled water range Dt = 3~8°C

Note Capacity values may not be extrapolated below 7°C leaving water temperature.

Heating capacity

The capacity is according to standard EN14511 and valid for heated water range ΔT = 3 ~ 8°C

Power input

Power input is the total input of indoor and outdoor units, including the circulation pump; according to EN 14511.

Notes

The capacity and the power input are valid for V3 models at 230 V.

The actual operation of a unit depends on its operating conditions: outdoor temperature, heating/cooling load, ...