

Cooling

Indoor			Outdoor temperature [°C DB]																																			
			-15			-10			-5			0			5			10			15			20			25			30			35			40		
			TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI
RH [%]	°CWB	°CDB	kW	kW	-	kW	kW	-	kW	kW	-	kW	kW	-	kW	kW	-	kW	kW	-	kW	kW	-	kW	kW	-	kW	kW	-	kW	kW	-	kW	kW	-	kW	kW	-
54.5	11	16	8.24	7.27	0.32	8.24	7.27	0.33	8.24	7.27	0.34	8.24	7.27	0.35	8.24	7.27	0.37	8.24	7.27	0.37	8.24	7.27	0.37	8.24	7.27	0.38	10.95	8.87	0.96	10.37	8.51	1.06	9.79	8.15	1.16	9.28	7.83	1.25
41.8	11	18	8.24	8.24	0.32	8.24	8.24	0.33	8.24	8.24	0.34	8.24	8.24	0.35	8.24	8.24	0.37	8.24	8.24	0.37	8.24	8.24	0.37	8.24	8.24	0.38	10.95	9.96	0.96	10.37	9.62	1.06	9.79	9.27	1.16	9.28	8.92	1.25
57	13		10.28	8.22	0.41	10.28	8.22	0.42	10.28	8.22	0.43	10.28	8.22	0.45	10.28	8.22	0.45	10.28	8.22	0.44	10.28	8.22	0.44	10.28	8.22	0.44	12.72	9.56	0.97	12.18	9.25	1.07	11.65	8.93	1.17	11.07	8.58	1.26
31.4	11	20	8.24	8.24	0.32	8.24	8.24	0.33	8.24	8.24	0.34	8.24	8.24	0.35	8.24	8.24	0.37	8.24	8.24	0.37	8.24	8.24	0.37	8.24	8.24	0.38	10.95	10.95	0.96	10.37	10.37	1.06	9.79	9.79	1.16	9.28	9.28	1.25
44.9	13		10.28	9.35	0.41	10.28	9.35	0.42	10.28	9.35	0.43	10.28	9.35	0.45	10.28	9.35	0.45	10.28	9.35	0.44	10.28	9.35	0.44	10.28	9.35	0.44	12.72	10.64	0.97	12.18	10.33	1.07	11.65	10.00	1.17	11.07	9.65	1.26
52	14	11.30	9.26	0.45	11.30	9.26	0.47	11.30	9.26	0.48	11.30	9.26	0.49	11.30	9.26	0.49	11.30	9.26	0.48	11.30	9.26	0.47	11.30	9.26	0.47	13.75	10.53	0.97	13.40	10.36	1.07	13.04	10.19	1.17	12.68	9.90	1.27	
22.9	11	22	8.24	8.24	0.32	8.24	8.24	0.33	8.24	8.24	0.34	8.24	8.24	0.35	8.24	8.24	0.37	8.24	8.24	0.37	8.24	8.24	0.37	8.24	8.24	0.38	10.95	10.95	0.96	10.37	10.37	1.06	9.79	9.79	1.16	9.28	9.28	1.25
34.8	13		10.28	10.28	0.41	10.28	10.28	0.42	10.28	10.28	0.43	10.28	10.28	0.45	10.28	10.28	0.45	10.28	10.28	0.44	10.28	10.28	0.44	10.28	10.28	0.44	12.72	12.72	0.97	12.18	12.18	1.07	11.65	11.65	1.17	11.07	11.07	1.26
47.6	15	24	12.32	10.10	0.50	12.32	10.10	0.51	12.32	10.10	0.52	12.32	10.10	0.54	12.32	10.10	0.53	12.32	10.10	0.51	12.32	10.10	0.50	12.32	10.10	0.50	14.77	11.47	0.98	14.26	11.18	1.08	13.76	10.88	1.18	13.25	10.57	1.27
54.3	16		13.33	9.73	0.54	13.33	9.73	0.56	13.33	9.73	0.57	13.33	9.73	0.58	13.33	9.73	0.57	13.33	9.73	0.55	13.33	9.73	0.53	13.33	9.73	0.54	15.50	10.47	0.98	14.93	10.25	1.08	14.44	10.03	1.18	13.86	9.69	1.28
21.2	12	24	9.26	9.26	0.37	9.26	9.26	0.38	9.26	9.26	0.39	9.26	9.26	0.40	9.26	9.26	0.41	9.26	9.26	0.41	9.26	9.26	0.41	9.26	9.26	0.41	11.83	11.83	0.97	11.28	11.28	1.07	10.72	10.72	1.17	10.17	10.17	1.25
32.1	14		11.30	11.30	0.45	11.30	11.30	0.47	11.30	11.30	0.48	11.30	11.30	0.49	11.30	11.30	0.49	11.30	11.30	0.48	11.30	11.30	0.47	11.30	11.30	0.47	13.75	13.75	0.97	13.40	13.40	1.07	13.04	13.04	1.17	12.68	12.68	1.27
43.8	16	27	13.33	11.20	0.54	13.33	11.20	0.56	13.33	11.20	0.57	13.33	11.20	0.58	13.33	11.20	0.57	13.33	11.20	0.55	13.33	11.20	0.53	13.33	11.20	0.54	15.50	12.14	0.98	14.93	11.86	1.08	14.44	11.62	1.18	13.86	11.30	1.28
50	17		13.72	10.15	0.56	13.72	10.15	0.57	13.72	10.15	0.58	13.72	10.15	0.59	13.72	10.15	0.58	13.72	10.15	0.58	13.72	10.15	0.58	13.72	10.15	0.58	16.23	11.78	0.98	15.53	11.43	1.08	14.83	11.06	1.18	14.14	10.63	1.29
21.5	14	27	11.30	11.30	0.45	11.30	11.30	0.47	11.30	11.30	0.48	11.30	11.30	0.49	11.30	11.30	0.49	11.30	11.30	0.48	11.30	11.30	0.47	11.30	11.30	0.47	13.75	13.75	0.97	13.40	13.40	1.07	13.04	13.04	1.17	12.68	12.68	1.27
26.3	15		12.32	12.32	0.50	12.32	12.32	0.51	12.32	12.32	0.52	12.32	12.32	0.54	12.32	12.32	0.53	12.32	12.32	0.51	12.32	12.32	0.50	12.32	12.32	0.50	14.77	14.77	0.98	14.26	14.26	1.08	13.76	13.76	1.18	13.25	13.25	1.27
31.3	16		13.33	13.33	0.54	13.33	13.33	0.56	13.33	13.33	0.57	13.33	13.33	0.58	13.33	13.33	0.57	13.33	13.33	0.55	13.33	13.33	0.53	13.33	13.33	0.54	15.50	15.50	0.98	14.93	14.93	1.08	14.44	14.44	1.18	13.86	13.86	1.28

Notes

- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
- The capacities are based on the following conditions:  
Outdoor air: 85% RH  
Corresponding refrigerant piping length: 5.0 m  
Level difference: 0m
- For EDP applications, it is recommended to use remote controller setting 16(26)-2-03.
- CPI is a percentage value compared to the rated value which is 1.00.
- The error rate for this value is less than 5% and depends on the indoor unit type.
- The rated power input for each model is mentioned in the table below.

Pair	FCQHG140F	FCQG140F	FVQ140C	FHQ140C	FBQ140D
	Cooling	4,00	4,17	4,17	4,05

**Symbols**  
 TC: Maximum total cooling capacity [kW]  
 SHC: Sensible heat capacity [kW]  
 CPI: Coefficient of the power input  
 PI: Power input [kW]  
 compressor + indoor and outdoor fan motors  
 RH: Relative humidity [%]

Twin	FCQH71F X 2	FCQG71F X 2	FHQ71C X 2	FUQ71C X 2	FAQ71C X 2	FBQ71D X 2
	Cooling	3,94	4,11	3,59	3,35	3,81

Triple	FCQG50F X 3	FHQ50C X 3	FFQ50C X 3	FDXS50F9 X 3	FBQ50D X 3
	Cooling	4,12	4,25	4,15	4,26

Double twin	FCQG35F X 4	FHQ35C X 4	FFQ35C X 4	FDXS35F X 4	FBQ35D X 4
	Cooling	4,18	4,23	3,83	5,38