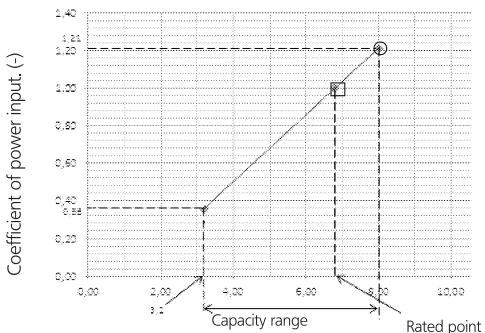
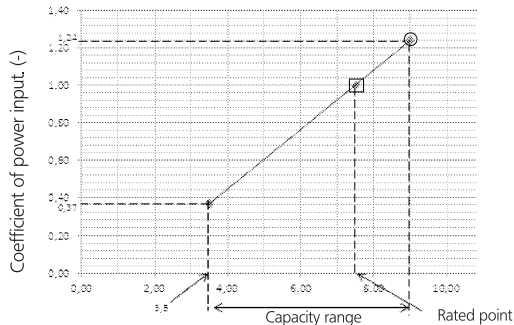


Cooling



Cooling capacity (kW)

Heating



Heating capacity (kW)

SYMBOLS

- AFR: Air flow rate (m³/min)
- BF: Bypass factor
- EWB: Entering wet bulb temp. (°CWB)
- EDB: Entering dry bulb temp. (°CDB)
- TC: Maximum Total cooling (heating) capacity (kW)
- SHC: Sensible heating capacity (kW)
- PI: Power input (comp.+indoor and outdoor fan motor) (kW)
- CPI: Coefficient of power input (-)

Caution:
TC and SHC are shown by kW.

Cooling

Indoor		Outdoor temp. (°CDB)											
°CWB	°CDB	25			30			35			40		
(°C)	(°C)	TC (kW)	SHC (kW)	CPI (-)	TC (kW)	SHC (kW)	CPI (-)	TC (kW)	SHC (kW)	CPI (-)	TC (kW)	SHC (kW)	CPI (-)
16.0	22	7.29	4.95	0.92	7.28	4.99	1.08	7.50	5.21	1.20	7.20	5.06	1.32
18.0	25	8.37	5.43	1.00	8.11	5.32	1.11	7.83	5.19	1.21	7.52	5.04	1.34
19.0	27	8.54	5.41	1.01	8.28	5.31	1.11	8.00	5.18	1.21	7.68	5.03	1.34
19.5	27	8.63	5.40	1.01	8.37	5.30	1.11	8.08	5.17	1.21	7.76	5.03	1.34
22.0	30	9.07	5.33	1.03	8.80	5.23	1.12	8.51	5.12	1.22	8.18	4.97	1.35
24.0	32	9.43	5.25	1.03	9.15	5.16	1.13	8.85	5.05	1.23	8.51	4.90	1.36

Heating

Indoor		outdoor temperature (°CWB)											
°CDB	°CWB	-15.0		-10.0		-5.0		0.0		5.0		10.0	
(°C)	(°C)	TC (kW)	CPI (-)	TC (kW)	CPI (-)	TC (kW)	CPI (-)	TC (kW)	CPI (-)	TC (kW)	CPI (-)	TC (kW)	CPI (-)
16	5.14	0.89	5.68	0.94	6.22	0.98	6.75	1.03	9.02	1.08	9.72	1.13	
18	5.14	0.92	5.67	0.97	6.21	1.02	6.74	1.07	9.01	1.12	9.70	1.18	
20	5.13	0.96	5.67	1.01	6.20	1.06	6.73	1.11	9.00	1.17	9.69	1.23	
21	5.13	0.98	5.66	1.03	6.20	1.08	6.73	1.13	9.00	1.19	9.69	1.25	
22	5.12	0.99	5.66	1.04	6.19	1.10	6.73	1.15	8.99	1.22	9.68	1.28	
24	5.12	1.03	5.65	1.09	6.19	1.14	6.72	1.20	8.98	1.26	9.66	1.32	

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NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat.
- On the figure the mark ○ show the max. at standard conditions.
On the figure the mark □ show rated capacity and rated coefficient of power input. However the max. capacity is not guaranteed, except at standard condition.
- SHC is based on indoor EWB and EDB.
SHC for other dry bulb temp. = SHC + SHC*.
SHC* = SHC correction for other dry bulb.
SHC* = 0.02 x AFR (m³/min.) x (1-BF) x (DB*-EDB)
- Capacities are based on following conditions:
outdoor air : 85 % RH, however, the condition on nominal capacity is 7° CDB/6° CWB
Corresponding refrigerant piping length: 0.5m
Level difference: 0m
- Coefficient of power input is the percentage when the rated value is defined as 1.00.
- The value contains less than 5% error according to indoor unit type.
- Heating performance include the drop of frost formation.
- Air flow rate and (BF) are tabulated below.

(Pair)	FCQHG71F	FCQG71F	FBQ71D	FHQG71C	FAQ71C	FVQ71C	FHQ71CA
AFR	21.2	21.5	18	20.5	18	18	20.5
(BF)	(0.2)	(0.14)	(0.13)	(0.13)	(0.16)	(0.16)	(0.13)

NOTES

- Rated power input of each model is tabulated below.

(Pair)

	FCQHG71F	FCQG71F	FBQ71D	FHQG71C	FAQ71C	FVQ71C	FHQ71CA
Cooling	1.94	2.12	1.98	1.97	2.12	2.12	1.97
Heating	1.83	2.08	1.91	1.88	2.08	2.08	1.88

(Twin)

	FCQG35F x 2	FFQ35 x 2	FBQ35D x 2	FHQ35BW x 2	FHQ35CA x 2	FFQ35C2 x 2	FDXS35F2 x 2	FNQ35A2 x 2
Cooling	2.28	2.30	2.90	2.51	2.47	2.29	2.31	2.16
Heating	2.37	2.32	2.12	2.78	2.70	2.31	2.39	2.39

(Twin)

	FCQG35F x 2	FFQ35 x 2	FBQ35D x 2	FHQ35BW x 2	FHQ35CA x 2	FFQ35C2 x 2	FDXS35F2 x 2	FNQ35A2 x 2
AFR	12.5 x 2	10 x 2	15 x 2	13 x 2	14 x 2	10 x 2	8.7 x 2	8.7 x 2
(BF)	(0.4 x 2)	(0.25 x 2)	(0.08 x 2)	(0.20 x 2)	(0.17 x 2)	(0.25 x 2)	(0.17 x 2)	(0.17 x 2)