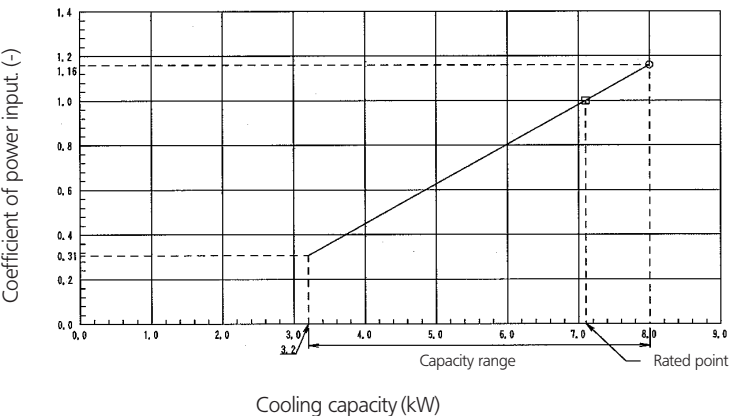


Cooling



Cooling capacity

Indoor		Outdoor temp. (°CDB)											
EWB (°C)	EDB (°C)	25			30			35			40		
		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	0.88	7.28	4.99	1.03	7.50	5.21	1.15	7.20	5.06	1.26
18.0	25	8.37	5.43	0.96	8.11	5.32	1.06	7.83	5.19	1.16	7.52	5.04	1.28
19.0	27	8.54	5.41	0.97	8.28	5.31	1.06	8.00	5.18	1.16	7.68	5.03	1.28
19.5	27	8.63	5.40	0.97	8.37	5.30	1.06	8.08	5.17	1.16	7.76	5.03	1.28
22.0	30	9.07	5.33	0.99	8.80	5.23	1.07	8.51	5.12	1.17	8.18	4.97	1.29
24.0	32	9.43	5.25	0.99	9.15	5.16	1.08	8.85	5.05	1.18	8.51	4.90	1.30

3TW31712-2

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 each EWB and EDB
SHC* = SHC correction for other dry bulb
SHC* = 0.02 x AFR (m³/min.) x (1-BF) x (DB*-EDB)
Add SHC* to SHC.
- Capacities are based on following conditions:
Outdoor air : 85 % RH. however, the condition on nominal capacity is 7° CDB/6° CWB (heating)
Corresponding refrigerant piping length : 5.0 m
Level difference : 0 m
- Coefficient of power input is the percentage when the rated valve is defined as 1.00.
- The value contains less than 5% error according to indoor unit type.
- Air flow rate and BF are tabulated below.

SYMBOLS

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

Caution:
TC and SHC are shown by kW

(Pair)

Model	FCQH71D	FCQ71C	FBQ71	FHQ71	FAQ71	FVQ71
AFR	21	15.5	18	17	19	18
(BF)	(0.17)	(0.19)	(0.08)	(0.10)	(0.08)	(0.16)

(Twin)

Model	FCQ35Cx2	FFQ35x2	FBQ35Cx2	FHQ35x2
AFR	10.5x2	10x2	15x2	13x2
(BF)	(0.28x2)	(0.25x2)	(0.15x2)	(0.2x2)

- Rated power input of each model is tabulated below.

(Pair)

Model	FCQH71D	FCQ71C	FBQ71C	FHQ71	FAQ71	FVQ71
Cooling	2.15	2.28	2.18	2.51	2.44	2.53

(Twin)

Model	FCQ35Cx2	FFQ35x2	FBQ35x2	FHQ35x2
Cooling	2.59	2.61	2.25	2.66