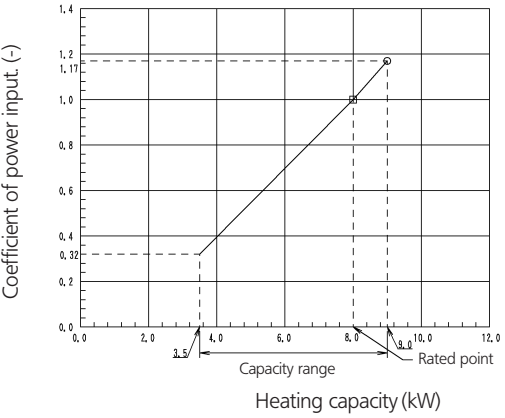
RZQS71DV1

Heating



Heating capacity

Indoor	Outdoor temp. (°CDB)											
EDB	-15		-10		-5		0		6		10	
(°C)	TC (kW)	CPI (-)	TC (kW)	CPI (-)	TC (kW)	CPI (-)	TC (kW)	CPI (-)	TC (kW)	CPI (-)	TC (-)	CPI (-)
16.0	5.14	0.89	5.68	0.94	6.22	0.98	6.75	1.03	9.02	1.08	9.72	1.13
18.0	5.14	0.92	5.67	0.97	6.21	1.02	6.74	1.07	9.01	1.12	9.70	1.18
20.0	5.13	0.96	5.67	1.01	6.20	1.06	6.73	1.11	9.00	1.17	9.69	1.23
21.0	5.13	0.98	5.66	1.03	6.20	1.08	6.73	1.13	9.00	1.19	9.69	1.25
22.0	5.12	0.99	5.66	1.04	6.19	1.10	6.73	1.15	8.99	1.22	9.68	1.28
24.0	5.12	1.03	5.65	1.09	6.19	1.14	6.72	1.20	8.98	1.26	9.66	1.32

3TW31712-2

NOTES

1. Ratings shown are net capacities which include a deduction for indoor fan motor heat
2. 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.
3. On the tables ▭ show rated capacity and rated coefficient of power input.
4. SHC is based on each EWB and EDB
   SHC* = SHC correction for other dry bulb
   SHC* = 0.02 x AFR (m^3/min.) x (1–BF) x (DB*–EDB)
   Add SHC* to SHC.
5. 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
6. Coefficient of power input is the percentage when the rated valve is defined as 1.00.
7. The value contains less than 5% error acording to indoor unit type.
8. Heating capacity include the drop of frost formation.
9. Air flow rate and BF are tabulated below.

(Pair)

Model	FCQH71C	FCQ71C	FBQ71	FHQ71	FAQ71	FVQ71
AFR (BF)	21 (0.17)	15.5 (0.19)	18 (0.08)	17 (0.10)	19 (0.08)	18 (0.16)

(Twin)

Model	FCQ35Cx2	FFQ35x2	FBQ35Cx2	FHQ35x2
AFR (BF)	10.5x2 (0.28x2)	10x2 (0.25x2)	16x2 (0.15x2)	13x2 (0.2x2)

10. Rated power input of each model is tabulated below.

(Pair)

Model	FCQH71D	FCQ71C	FBQ71	FHQ71	FAQ71	FVQ71
Heating	2.16	2.35	2.25	2.75	2.49	2.49

(Twin)

Model	FCQ35Cx2	FFQ35x2	FBQ35Cx2	FHQ35x2
Heating	2.75	2.70	2.20	2.85

SYMBOLS

AFR:	Air flow rate	(m^3/min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°CWB)
EDB:	Entering dry bulb temp.	(°CDB)
TC:	Total heating 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