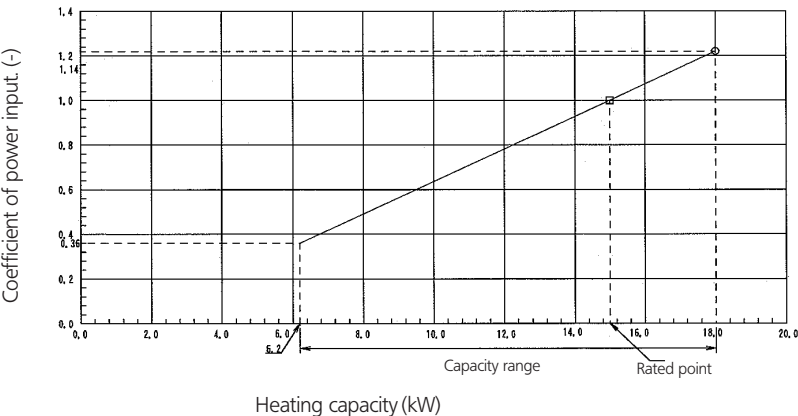


Heating



Heating capacity

Indoor EDB (°C)	Outdoor temp. (°CDB)											
	-15		-10		-5		0		6		10	
	TC (kW)	CPI (-)	TC (kW)	CPI (-)	TC (kW)	CPI (-)	TC (kW)	CPI (-)	TC (kW)	CPI (-)	TC (kW)	CPI (-)
16.0	9.82	0.92	10.8	0.97	11.9	1.02	12.9	1.07	18.0	1.12	19.5	1.18
18.0	9.80	0.97	10.8	1.01	11.8	1.06	12.9	1.12	18.0	1.17	19.4	1.23
20.0	9.79	1.00	10.8	1.05	11.8	1.11	12.9	1.16	18.0	1.22	19.4	1.28
21.0	9.79	1.02	10.8	1.07	11.8	1.12	12.8	1.18	18.0	1.24	19.4	1.31
22.0	9.78	1.04	10.8	1.09	11.8	1.15	12.8	1.20	18.0	1.27	19.4	1.33
24.0	9.77	1.07	10.8	1.13	11.8	1.19	12.8	1.25	18.0	1.32	19.4	1.38

3TW31742-3

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- On the figure the mark  $\bigcirc$  show the max. at standard conditions.  
On the figure the mark  $\square$  show rated capacity and rated coefficient of power input. However the max. capacity is not guaranteed, except at standard condition.
- On the tables  $\square$  show rated capacity and rated coefficient of power input.
- SHC is based on each EWB and EDB  
 $SHC^* = SHC$  correction for other dry bulb  
 $SHC^* = 0.02 \times AFR (m^3/min.) \times (1 - BF) \times (DB^* - EDB)$   
 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.
- Heating capacity include the drop of frost formation.
- Air flow rate and BF are tabulated below.

(Pair)

Model	FBQ140C
AFR	41
(BF)	(0.14)

- Rated power input of each model is tabulated below.

(Pair)

Model	FBQ140C
Heating	4.67

SYMBOLS

AFR:	Air flow rate	(m <sup>3</sup> /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