

Cooling

50Hz 220-240V

AFR	15
BF	0.17

Indoor		Outdoor temperature (°CDB)																																
EWB	EDB	-10			-5			0			5			10			15			20			25			30			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	5.59	4.02	0.45	5.59	4.02	0.44	5.59	4.02	0.45	5.59	4.02	0.45	5.39	3.90	0.45	5.12	3.78	0.84	4.89	3.66	0.93	4.66	3.55	1.01	4.42	3.43	1.09	4.19	3.32	1.10			
16.0	22	6.75	4.40	0.44	6.52	4.29	0.44	6.28	4.17	0.52	6.05	4.06	0.58	5.82	3.94	0.58	5.59	3.82	0.58	5.35	3.71	0.85	5.12	3.60	0.93	4.89	3.49	1.01	4.65	3.39	1.09	4.42	3.28	1.10
18.0	25	6.98	4.63	0.45	6.75	4.43	0.45	6.51	4.31	0.53	6.28	4.20	0.61	6.05	4.10	0.69	5.82	3.89	0.73	5.58	3.69	0.85	5.35	3.78	0.93	5.12	3.68	1.02	4.88	3.58	1.10	4.65	3.48	1.11
19.0	27	7.10	4.72	0.53	6.86	4.61	0.53	6.63	4.50	0.53	6.40	4.40	0.61	6.16	4.30	0.69	5.93	4.20	0.77	5.70	4.10	0.86	5.47	4.00	0.94	5.23	3.90	1.02	4.99	3.69	1.11	4.77	3.71	1.11
22.0	30	7.44	4.90	0.54	7.21	4.40	0.54	6.88	4.31	0.54	6.74	4.22	0.62	6.51	4.13	0.70	6.28	4.04	0.78	6.04	3.95	0.86	5.81	3.86	0.94	5.58	3.77	1.03	5.35	3.69	1.11	5.11	3.60	1.12
24.0	32	7.67	4.84	0.62	7.44	4.26	0.62	7.21	4.17	0.62	6.97	4.09	0.62	6.74	4.01	0.71	6.51	3.92	0.79	6.27	3.84	0.87	6.04	3.76	0.95	5.81	3.68	1.03	5.58	3.61	1.11	5.34	3.53	1.12

Heating

50Hz 220-240V

AFR	14.4
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Indoor		Outdoor temperature (°CWB)											
EDB		-15		-10		-5		0		6		10	
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		3.00	0.91	3.60	0.95	4.21	1.00	5.66	1.31	6.52	1.38	7.09	1.42
20.0		2.82	0.93	3.42	0.98	4.02	1.03	5.45	1.34	6.20	1.42	6.84	1.45
22.0		2.74	0.94	3.35	0.99	3.95	1.04	5.36	1.35	6.21	1.42	6.36	1.34
24.0		2.67	0.95	3.27	1.00	3.88	1.05	5.27	1.37	5.68	1.36	5.88	1.24
25.0		2.63	0.96	3.24	1.00	3.84	1.05	5.23	1.37	5.64	1.30	5.64	1.18
27.0		2.56	0.97	3.16	1.01	3.77	1.06	5.14	1.38	5.16	1.18	5.16	1.08

SYMBOLS

AFR: Air flow rate
 BF: Bypass factor
 EWB: Entering wet bulb temp.
 EDB: Entering dry bulb temp.
 TC: Total capacity
 SHC: Sensible heat capacity
 PI: Power input

(m³/min)

(°C)


(°C)

(kW)

(kW)

(kW)

NOTES

1. Ratings shown are net capacities which include a deduction for indoor fan motor heat.
2.  shows nominal (rated) capacities and power input.
3. TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
4. About SHC which are not mentioned on the table, please calculate them with around values in direct proportion.
5. Capacities are based on the following conditions.
 Corresponding refrigerant piping length : 5.0 m
 Level difference : 0 m
6. Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.