

RXZ-N(9)

Cooling 50Hz 220-240V

AFR	12.2
BF	0.14

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	4.56	3.31	0.26	4.40	3.23	0.26	4.24	3.14	0.31	4.07	3.06	0.36	3.91	2.98	0.41	3.75	2.90	0.45	3.59	2.82	0.51	3.42	2.74	0.56	3.26	2.67	0.60	3.10	2.59	0.65	2.93	2.51	0.66	
16.0	22	4.72	3.23	0.27	4.56	3.15	0.27	4.40	3.08	0.31	4.24	3.00	0.36	4.07	2.92	0.41	3.91	2.85	0.46	3.75	2.77	0.51	3.58	2.70	0.56	3.42	2.63	0.61	3.26	2.56	0.66	3.10	2.49	0.66	
18.0	25	4.89	3.36	0.32	4.72	3.28	0.32	4.56	3.21	0.32	4.40	3.14	0.37	4.23	3.07	0.41	4.07	3.00	0.46	3.91	2.93	0.51	3.75	2.86	0.56	3.58	2.79	0.61	3.42	2.73	0.66	3.26	2.66	0.66	
19.0	27	4.97	3.52	0.32	4.80	3.45	0.32	4.64	3.38	0.32	4.48	3.31	0.37	4.31	3.25	0.42	4.15	3.18	0.46	3.99	3.11	0.51	3.83	3.05	0.56	3.66	2.98	0.61	3.50	2.92	0.66	3.34	2.85	0.67	
22.0	30	5.21	3.37	0.37	5.05	3.31	0.37	4.88	3.25	0.37	4.72	3.19	0.37	4.56	3.13	0.42	4.39	3.07	0.47	4.23	3.01	0.52	4.07	2.95	0.57	3.90	2.89	0.62	3.74	2.84	0.66	3.58	2.78	0.67	
24.0	32	5.37	3.27	0.37	5.21	3.21	0.37	5.04	3.16	0.37	4.88	3.10	0.37	4.72	3.05	0.42	4.56	2.99	0.47	4.39	2.94	0.52	4.23	2.89	0.57	4.07	2.83	0.62	3.90	2.78	0.67	3.74	2.73	0.67	

Heating 50Hz 220-240V

AFR	13.2
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Indoor		Outdoor temperature (°CWB)											
EDB		-15		-10		-5		0		5		10	
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.38	0.64	2.86	0.68	3.34	0.71	4.50	0.93	5.17	0.98	5.62	1.01
20.0		2.23	0.66	2.71	0.69	3.19	0.73	4.32	0.95	5.00	1.00	5.45	1.03
22.0		2.18	0.67	2.66	0.70	3.14	0.73	4.25	0.96	4.93	1.01	5.38	1.04
24.0		2.12	0.68	2.60	0.71	3.08	0.74	4.18	0.97	4.86	1.02	5.31	1.05
25.0		2.09	0.68	2.57	0.71	3.05	0.75	4.15	0.97	4.83	1.02	5.24	1.04
27.0		2.03	0.69	2.51	0.72	2.99	0.75	4.08	0.98	4.76	1.03	4.79	0.95

SYMBOLS

AFR: Air flow rate (m³/min)

BF: Bypass factor (°C)

EWB: Entering wet bulb temp. (°C)

EDB: Entering dry bulb temp. (kW)

TC: Total capacity (kW)

SHC: Sensible heat capacity (kW)

PI: Power input

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.