ATXS50G + ARXS50G

Cooling **50Hz 220-240V**

AFR	10.2
BF	0.18

Indoor		Outdoor temperature (°CDB)																	
EWB	EDB	20			25			30			32			35			40		
(°C)	(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	4.07	2.87	1.05	4.07	2.87	1.19	4.07	2.87	1.33	4.07	2.87	1.39	4.07	2.87	1.47	4.07	2.87	1.61
16.0	22	5.00	3.20	1.14	5.00	3.20	1.27	4.89	3.14	1.40	4.79	3.09	1.44	4.65	3.02	1.51	4.42	2.90	1.62
18.0	25	5.58	3.49	1.18	5.35	3.37	1.29	5.12	3.25	1.40	5.02	3.21	1.45	4.88	3.14	1.52	4.65	3.03	1.63
19.0	27	5.70	3.62	1.18	5.47	3.50	1.30	5.23	3.39	1.41	5.14	3.34	1.45	5.00	3.28	1.52	4.77	3.17	1.63
22.0	30	6.04	3.47	1.19	5.81	3.36	1.31	5.58	3.26	1.42	5.49	3.22	1.46	5.35	3.16	1.53	5.11	3.07	1.64
24.0	32	6.27	3.35	1.20	6.04	3.26	1.31	5.81	3.17	1.42	5.72	3.13	1.47	5.58	3.08	1.54	5.34	2.99	1.65

Heating **50Hz 220-240V**

AFR	11.0

Indoor	Outdoor temperature (°CWB)									
EDB	-10		-5		0		6		10	
(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	3.90	1.33	4.56	1.39	5.21	1.46	6.00	1.53	6.52	1.59
20.0	3.70	1.36	4.36	1.43	5.01	1.49	5.80	1.57	6.32	1.62
22.0	3.62	1.38	4.28	1.44	4.93	1.51	5.72	1.58	6.24	1.64
24.0	3.54	1.39	4.20	1.46	4.85	1.52	5.64	1.60	6.16	1.65
25.0	3.50	1.40	4.16	1.46	4.81	1.53	5.60	1.61	6.12	1.66
27.0	3.42	1.41	4.08	1.48	4.73	1.54	5.52	1.62	6.03	1.67

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SYMBOLS

AFR:	Air flow rate	(m^3/min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°C)
EDB:	Entering dry bulb temp.	(°C)
TC:	Total capacity	(kW)
SHC:	Sensible heating capacity	(kW)
PI:	Power input	(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 : 5m
   Level difference : 0m
6. Air flow rate (AFR) and Bypass factor (BF) are tabulated above.