

Cooling

50Hz 220-240V

AFR	10
BF	0.25

Indoor		Outdoor temp. (°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	20	3.48	2.48	0.70	3.33	2.40	0.78	3.17	2.32	0.84	3.10	2.29	0.87	3.01	2.24	0.91	2.85	2.16	0.98
16	22	3.64	2.44	0.71	3.48	2.36	0.78	3.32	2.28	0.84	3.26	2.25	0.87	3.17	2.21	0.91	3.01	2.13	0.98
18	25	3.80	2.54	0.71	3.64	2.46	0.78	3.48	2.39	0.85	3.42	2.36	0.88	3.32	2.32	0.92	3.16	2.25	0.99
19	27	3.87	2.66	0.72	3.72	2.59	0.79	3.56	2.52	0.85	3.49	2.49	0.88	3.40	2.45	0.92	3.24	2.39	0.99
22	30	4.11	2.56	0.72	3.95	2.50	0.79	3.79	2.44	0.86	3.73	2.41	0.89	3.63	2.38	0.93	3.48	2.32	1.00
24	32	4.27	2.49	0.73	4.11	2.43	0.80	3.95	2.37	0.86	3.89	2.35	0.89	3.79	2.32	0.93	3.63	2.26	1.00

Heating

50Hz 220-240V

AFR	10
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Indoor		Outdoor temp. (°CWB)															
EDB		-25		-20		-15		-10		-5		0		6		10	
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15		1.38	0.89	1.86	0.94	2.34	0.99	2.82	1.04	3.30	1.09	3.78	1.14	4.35	1.20	4.73	1.24
20		1.24	0.92	1.72	0.97	2.20	1.02	2.68	1.07	3.16	1.12	3.63	1.17	4.20	1.23	4.58	1.27
22		1.22	0.93	1.69	0.98	2.16	1.03	2.63	1.08	3.10	1.13	3.57	1.18	4.14	1.24	4.53	1.28
24		1.09	0.94	1.58	0.99	2.07	1.04	2.56	1.09	3.05	1.14	3.52	1.19	4.08	1.25	4.46	1.29
25		1.13	0.95	1.60	1.00	2.07	1.05	2.54	1.10	3.01	1.15	3.49	1.20	4.05	1.26	4.43	1.30
27		1.07	0.96	1.54	1.01	2.01	1.06	2.48	1.11	2.95	1.16	3.42	1.21	4.00	1.27	4.38	1.31

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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 heat capacity	(kW)
PI:	Power input	(kW)

NOTES

1. shows nominal (rated) capacities and power input.
2. Capacities are based on the following conditions:
Corresponding refrigerant piping length: 5.0m
Level difference: 0m