

Cooling

50Hz 230V

AFR	13
BF	0.1

Indoor		Outdoor temperature (°CDB)															
EWB °C	EDB °C	20			25			30			32			35			
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC
14.0	20	5.06	3.63	1.48	4.91	3.56	1.58	4.76	3.49	1.67	4.70	3.46	1.71	4.61	3.42	1.77	4.46
16.0	22	5.22	3.66	1.51	5.07	3.59	1.60	4.92	3.52	1.70	4.86	3.49	1.73	4.77	3.45	1.79	4.62
18.0	25	5.37	3.69	1.53	5.22	3.62	1.63	5.07	3.55	1.72	5.01	3.53	1.76	4.92	3.48	1.82	4.77
19.0	27	5.45	3.71	1.55	5.30	3.64	1.64	5.15	3.57	1.74	5.09	3.54	1.77	5.00	3.50	1.83	4.85
22.0	30	5.68	3.76	1.58	5.53	3.69	1.68	5.38	3.62	1.77	5.32	3.59	1.81	5.23	3.55	1.87	5.08
24.0	32	5.84	3.80	1.61	5.69	3.73	1.71	5.54	3.66	1.80	5.48	3.63	1.84	5.39	3.59	1.90	5.24

Heating

50Hz 230V

AFR	13
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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
16.0		3.01	1.47	3.74	1.57	4.46	1.68	5.19	1.78	6.06	1.90	6.64	1.98
18.0		2.98	1.55	3.71	1.65	4.43	1.75	5.16	1.85	6.03	1.98	6.61	2.06
20.0		2.95	1.62	3.68	1.72	4.40	1.82	5.13	1.93	6.00	2.05	6.58	2.13
21.0		2.94	1.66	3.66	1.76	4.39	1.86	5.11	1.96	5.99	2.09	6.57	2.17
22.0		2.92	1.69	3.65	1.80	4.37	1.90	5.10	2.00	5.97	2.12	6.55	2.21
24.0		2.89	1.77	3.62	1.87	4.34	1.97	5.07	2.07	5.94	2.20	6.52	2.28

3D072992A

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

- Capacities are based on the following conditions:
(1) Corresponding refrigerant piping length: 5m
(2) Level difference: 0m
-  shows nominal (rated) capacities and power input.