

Cooling

50Hz 220-240V

AFR	16
BF	0.16

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	5.12	3.88	1.27	4.89	3.76	1.39	4.66	3.65	1.51	4.56	3.60	1.56	4.42	3.54	1.63	4.19	3.43	1.75
16.0	22	5.35	3.81	1.27	5.12	3.70	1.40	4.89	3.60	1.52	4.79	3.55	1.57	4.65	3.49	1.64	4.42	3.39	1.76
18.0	25	5.58	4.00	1.28	5.35	3.90	1.40	5.12	3.80	1.52	5.02	3.76	1.57	4.88	3.71	1.65	4.65	3.61	1.77
19.0	27	5.70	4.23	1.28	5.47	4.13	1.41	5.23	4.04	1.53	5.14	4.00	1.58	5.00	3.95	1.65	4.77	3.85	1.77
22.0	30	6.04	4.08	1.30	5.81	4.00	1.42	5.58	3.92	1.54	5.49	3.88	1.59	5.35	3.83	1.66	5.11	3.75	1.78
24.0	32	6.27	3.98	1.30	6.04	3.90	1.42	5.81	3.83	1.55	5.72	3.80	1.60	5.58	3.75	1.67	5.34	3.68	1.79

Heating

50Hz 220-240V

AFR	16
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Indoor		Outdoor temperature (°CWB)									
EDB		-10		-5		0		6		10	
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		3.70	1.36	4.32	1.43	4.94	1.50	5.69	1.58	6.19	1.63
20.0		3.51	1.40	4.13	1.47	4.75	1.53	5.50	1.61	6.00	1.67
22.0		3.44	1.41	4.06	1.48	4.68	1.55	5.42	1.63	5.92	1.68
24.0		3.36	1.43	3.98	1.50	4.60	1.56	5.35	1.64	5.84	1.70
25.0		3.32	1.44	3.94	1.50	4.56	1.57	5.31	1.65	5.81	1.70
27.0		3.25	1.45	3.87	1.52	4.49	1.58	5.23	1.66	5.73	1.72

3TW31282-3B

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:
 - Corresponding refrigerant piping length: 5m
 - Level difference: 0m
-  shows nominal (rated) capacities and power input.