

Cooling

50Hz 220 - 240V

AFR	18
BF	0.15

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	5.84	4.42	1.34	5.57	4.29	1.47	5.31	4.16	1.60	5.20	4.11	1.65	5.04	4.03	1.73	4.78	3.90	1.86
16.0	22	6.10	4.34	1.35	5.84	4.22	1.48	5.57	4.10	1.61	5.47	4.05	1.66	5.31	3.98	1.74	5.04	3.86	1.87
18.0	25	6.36	4.56	1.36	6.10	4.45	1.49	5.83	4.33	1.62	5.73	4.29	1.67	5.57	4.22	1.74	5.30	4.11	1.87
19.0	27	6.50	4.82	1.36	6.23	4.71	1.49	5.97	4.60	1.62	5.86	4.56	1.67	5.70	4.50	1.75	5.43	4.39	1.88
22.0	30	6.89	4.66	1.37	6.62	4.56	1.50	6.36	4.46	1.63	6.25	4.42	1.68	6.09	4.37	1.76	5.83	4.27	1.89
24.0	32	7.15	4.54	1.38	6.89	4.45	1.51	6.62	4.36	1.64	6.52	4.33	1.69	6.36	4.27	1.77	6.09	4.19	1.90

Heating

50Hz 220 - 240V

AFR	18
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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		4.71	1.74	5.50	1.82	6.29	1.91	7.24	2.01	7.87	2.07
20.0		4.47	1.78	5.26	1.87	6.05	1.95	7.00	2.05	7.63	2.12
22.0		4.37	1.80	5.16	1.89	5.95	1.97	6.90	2.07	7.54	2.14
24.0		4.28	1.82	5.07	1.90	5.86	1.99	6.81	2.09	7.44	2.16
25.0		4.23	1.83	5.02	1.91	5.81	2.00	6.76	2.10	7.39	2.17
27.0		4.13	1.85	4.92	1.93	5.71	2.02	6.66	2.12	7.29	2.19

3TW31292-3B

SYMBOLS

AFR: Air flow rate
 BF: Bypass factor
 EWB: Entering wet bulb temp.
 EDB: Entering dry bulb temp.
 TC: Total capacity
 SHC: Sensible heat capacity
 PI: Power input

(m³/min.)

(°C)

(°C)

(kW)

(kW)

(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.