

AFR	8.9
BF	0.11

Cooling (50Hz 230V)

A	B	C																	
		20			25			30			32			35			40		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
20	14	2.66	1.89	0.53	2.57	1.85	0.58	2.40	1.78	0.63	2.33	1.75	0.65	2.18	1.70	0.68	1.94	1.53	0.71
22	16	2.79	1.79	0.54	2.68	1.74	0.59	2.54	1.70	0.64	2.46	1.65	0.66	2.33	1.58	0.68	2.09	1.44	0.72
25	18	2.83	1.87	0.55	2.73	1.83	0.59	2.60	1.74	0.64	2.53	1.72	0.66	2.43	1.68	0.68	2.17	1.52	0.72
27	19	2.89	1.97	0.55	2.82	1.95	0.60	2.66	1.86	0.64	2.61	1.83	0.66	2.50	1.78	0.68	2.26	1.63	0.72
30	22	2.99	1.82	0.55	2.91	1.80	0.60	2.76	1.74	0.65	2.71	1.71	0.67	2.62	1.68	0.69	2.35	1.53	0.73
32	24	3.15	1.80	0.55	3.07	1.78	0.60	2.92	1.72	0.65	2.86	1.69	0.67	2.76	1.66	0.70	2.46	1.50	0.73

AFR	11.0
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Heating (50Hz 230V)

A	D															
	-25		-20		-15		-10		-5		0		6		10	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2.14	0.64	2.29	0.62	2.70	0.68	3.24	0.78	3.66	0.85	4.25	0.97	4.55	1.01	5.28	1.11
20	2.06	0.64	2.29	0.62	2.59	0.68	3.19	0.79	3.54	0.85	4.10	0.98	4.40	1.02	5.09	1.12
22	2.01	0.64	2.16	0.62	2.55	0.68	3.12	0.79	3.49	0.86	4.09	0.99	4.36	1.03	5.03	1.12
24	1.98	0.64	2.12	0.63	2.51	0.69	3.07	0.80	3.45	0.86	4.03	0.99	4.30	1.04	4.98	1.13
25	1.96	0.65	2.10	0.63	2.49	0.69	3.03	0.80	3.41	0.86	4.00	1.00	4.28	1.05	4.96	1.14
27	1.93	0.66	2.08	0.63	2.47	0.70	2.99	0.81	3.37	0.87	3.97	1.01	4.25	1.06	4.88	1.14

Heating capacity at nominal operating frequency, measured according to EN 14511.

Heating (50Hz 230V)

A	D															
	-25		-20		-15		-10		-5		0		6		10	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2.98	0.98	3.19	1.01	3.75	1.16	4.51	1.26	5.09	1.35	5.51	1.41	6.27	1.60	7.00	1.70
20	2.86	0.98	3.05	1.01	3.60	1.16	4.43	1.27	4.93	1.36	5.33	1.41	6.12	1.61	6.81	1.70
22	2.80	0.98	3.00	1.02	3.55	1.17	4.34	1.27	4.86	1.36	5.31	1.42	6.08	1.62	6.75	1.71
24	2.76	0.99	2.95	1.03	3.49	1.17	4.27	1.28	4.80	1.38	5.24	1.43	6.02	1.63	6.70	1.71
25	2.72	0.99	2.92	1.03	3.47	1.17	4.22	1.29	4.74	1.39	5.20	1.44	6.00	1.64	6.68	1.72
27	2.69	1.00	2.89	1.04	3.44	1.18	4.16	1.29	4.69	1.39	5.16	1.45	5.97	1.65	6.50	1.73

Heating capacity at maximum operating frequency, measured according to EN 14511.

Notes

1. The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5.0 m
Level difference: 0m
2. The bold cells indicate the standard conditions.
Rated operating frequency [Hz]

Symbols

TC: Total capacity [kW]
PI: Power input [kW]
SHC: Sensible heat capacity [kW]
AFR: Air flow rate [m³/min]
BF: Bypass factor

- A Indoor air temperature [°C DB]
- B Indoor air temperature [°C WB]
- C Outdoor air temperature [°C DB]
- D Outdoor air temperature [°C WB]