ATXF42J / ARXF42J
FTXF42J / RXF42J

Cooling ·50Hz 220-240V·

AFR	12.6
BF	0.23

Indoor temperature		Outdoor temperature [°C DB]																	
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	4.17	3.14	1.04	4.02	3.07	1.11	3.86	3.01	1.19	3.80	2.98	1.22	3.71	2.93	1.26	3.56	2.87	1.34
16	22	4.38	3.09	1.04	4.22	3.02	1.11	4.07	2.97	1.19	4.00	2.94	1.22	3.91	2.90	1.26	3.76	2.85	1.34
18	25	4.57	3.24	1.05	4.41	3.19	1.12	4.26	3.14	1.20	4.19	3.11	1.23	4.10	3.08	1.27	3.94	3.03	1.35
19	27	4.66	3.42	1.05	4.51	3.37	1.12	4.35	3.33	1.20	4.29	3.30	1.23	4.20	3.27	1.27	4.05	3.24	1.35
22	30	4.95	3.31	1.06	4.80	3.26	1.13	4.64	3.23	1.21	4.58	3.21	1.24	4.49	3.18	1.28	4.34	3.13	1.36
24	32	5.14	3.23	1.06	4.99	3.19	1.13	4.83	3.15	1.21	4.77	3.14	1.24	4.68	3.10	1.28	4.53	3.07	1.36

Heating ·50Hz 220-240V·

AFR	12.8

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2.18	0.79	2.63	0.83	3.08	0.88	3.54	1.15	4.76	1.21	5.18	1.25
20	2.06	0.82	2.50	0.86	2.94	0.90	3.39	1.19	4.60	1.24	5.02	1.28
22	2.00	0.83	2.44	0.87	2.89	0.91	3.34	1.19	4.53	1.24	4.95	1.29
24	1.95	0.83	2.39	0.88	2.83	0.92	3.27	1.20	4.47	1.25	4.89	1.31
25	1.92	0.84	2.35	0.88	2.81	0.92	3.26	1.21	4.44	1.27	4.85	1.31
27	1.87	0.84	2.31	0.90	2.75	0.94	3.19	1.21	4.38	1.28	4.80	1.32

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

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	2.60	1.07	2.92	1.18	3.12	1.25	3.52	1.32	5.00	1.40	5.26	1.47

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

Notes

1) The bold cells indicate the standard conditions.
2) The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
3) The air flow rate and bypass factor are mentioned in the table.
4) The ratings shown are net capacities which include a deduction for indoor fan motor heat.
5) The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).

Symbols

AFR: Air flow rate [m³/min]
BF: Bypass factor
EWB: Entering wet-bulb temperature (°C WB)
EDB: Entering dry-bulb temperature (°C DB)
TC: Total capacity [kW]
SHC: Sensible heat capacity [kW]
PI: Power input [kW]