ATXTM-A / ARXTM-A

ATXTM30A2V1B + ARXTM30A2V1B

Cooling ·50Hz 220 -240V·

AFR	13.2
BF	0.18

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	3.07	2.62	0.45	2.93	2.55	0.49	2.79	2.49	0.53	2.74	2.46	0.55	2.65	2.42	0.58	2.51	2.36	0.62
16	22	3.21	2.57	0.45	3.07	2.51	0.49	2.93	2.45	0.54	2.88	2.43	0.55	2.79	2.39	0.58	2.65	2.33	0.62
18	25	3.35	2.74	0.45	3.21	2.69	0.50	3.07	2.63	0.54	3.01	2.61	0.56	2.93	2.58	0.58	2.79	2.52	0.63
19	**27**	3.42	2.94	0.45	3.28	2.88	0.50	3.14	2.83	0.54	3.08	2.81	0.56	3.00	2.78	0.58	2.86	2.72	0.63
22	30	3.63	2.85	0.46	3.49	2.80	0.50	3.35	2.75	0.54	3.29	2.73	0.56	3.21	2.71	0.59	3.07	2.66	0.63
24	32	3.76	2.79	0.46	3.62	2.74	0.50	3.49	2.70	0.55	3.43	2.68	0.56	3.35	2.66	0.59	3.21	2.62	0.63

Heating ·50Hz 220 -240V·

AFR	11.7

Indoor air temperature	Outdoor temperature [°C WB]															
	-25		-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1.18	0.41	1.51	0.44	1.83	0.47	2.21	0.50	2.58	0.52	2.90	0.55	3.36	0.59	3.61	0.61
20	1.02	0.43	1.35	0.46	1.68	0.48	2.05	0.51	2.42	0.54	2.74	0.57	3.20	0.60	3.45	0.62
22	0.96	0.43	1.28	0.46	1.62	0.49	1.98	0.52	2.36	0.54	2.68	0.57	3.14	0.61	3.38	0.63
24	0.89	0.44	1.22	0.47	1.56	0.50	1.92	0.52	2.29	0.55	2.61	0.58	3.07	0.62	3.32	0.63
25	0.86	0.44	1.19	0.47	1.53	0.50	1.88	0.53	2.26	0.55	2.58	0.58	3.04	0.62	3.29	0.64
27	0.80	0.45	1.12	0.48	1.47	0.50	1.82	0.53	2.20	0.56	2.52	0.59	2.98	0.63	3.22	0.64

Heating capacity at nominal operating frequency, measured according to ·EN14511·.

Indoor air temperature	Outdoor temperature [°C WB]															
	-25		-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	3.3	2	4	2.26	4.5	2.4	5.1	2.5	5.69	2.6	6.49	2.63	7.4	2.67	7.67	2.7

Heating peak capacity at maximum operating frequency.

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]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. 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).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.