

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXF25A / RXF25A

Cooling 50Hz 230V

AFR	10,1
BF	0,22

Indoor air 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	2,56	2,08	0,59	2,44	2,03	0,64	2,33	1,97	0,69	2,28	1,95	0,71	2,21	1,92	0,75	2,10	1,86	0,80
16	22	2,68	2,05	0,59	2,56	1,99	0,64	2,44	1,94	0,70	2,40	1,92	0,72	2,33	1,89	0,76	2,21	1,84	0,81
18	25	2,79	2,17	0,59	2,68	2,12	0,64	2,56	2,07	0,70	2,51	2,06	0,72	2,44	2,03	0,76	2,33	1,98	0,81
19	27	2,85	2,31	0,59	2,73	2,27	0,64	2,62	2,22	0,70	2,57	2,20	0,72	2,50	2,18	0,76	2,38	2,13	0,81
22	30	3,02	2,24	0,60	2,91	2,20	0,65	2,79	2,16	0,71	2,74	2,14	0,73	2,67	2,12	0,77	2,56	2,08	0,81
24	32	3,14	2,19	0,60	3,02	2,15	0,65	2,90	2,12	0,71	2,86	2,10	0,73	2,79	2,08	0,77	2,67	2,04	0,83

Heating 50Hz 230V

AFR	10,3
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Indoor air 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		1,33	0,45	1,61	0,48	1,87	0,50	2,15	0,65	2,89	0,68	3,15	0,71
20		1,25	0,47	1,52	0,49	1,79	0,51	2,06	0,66	2,80	0,70	3,05	0,72
22		1,22	0,47	1,48	0,49	1,75	0,52	2,03	0,67	2,76	0,70	3,01	0,73
24		1,19	0,48	1,46	0,50	1,73	0,52	2,00	0,68	2,73	0,71	2,98	0,73
25		1,17	0,48	1,44	0,50	1,71	0,52	1,98	0,68	2,71	0,71	2,96	0,74
27		1,14	0,48	1,41	0,51	1,67	0,53	1,95	0,69	2,67	0,72	2,92	0,74

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

- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
- The bold cells indicate the standard conditions.
Rated operating frequency [Hz]
- The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
- The air flow rate and bypass factor are mentioned in the table.

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4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXF35A /RXF35A

Cooling 50Hz 230V

AFR	11,5
BF	0,23

Indoor air 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	3,38	2,54	0,76	3,22	2,46	0,84	3,07	2,39	0,91	3,01	2,36	0,94	2,92	2,31	0,99	2,76	2,23	1,06
16	22	3,54	2,50	0,77	3,38	2,42	0,84	3,22	2,35	0,92	3,17	2,33	0,95	3,07	2,28	0,99	2,92	2,22	1,07
18	25	3,69	2,62	0,77	3,54	2,56	0,85	3,38	2,49	0,92	3,32	2,46	0,95	3,22	2,42	1,00	3,07	2,36	1,07
19	27	3,76	2,76	0,77	3,61	2,70	0,85	3,45	2,64	0,92	3,39	2,61	0,95	3,30	2,57	1,00	3,15	2,52	1,08
22	30	3,99	2,67	0,78	3,84	2,61	0,86	3,68	2,56	0,93	3,62	2,54	0,96	3,53	2,50	1,01	3,38	2,44	1,08
24	32	4,14	2,60	0,79	3,99	2,55	0,86	3,84	2,50	0,94	3,77	2,48	0,97	3,68	2,44	1,01	3,53	2,39	1,09

Heating 50Hz 230V

AFR	11,5
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Indoor air 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		1,66	0,60	2,00	0,63	2,34	0,67	2,69	0,87	3,62	0,92	3,94	0,95
20		1,57	0,62	1,90	0,65	2,24	0,68	2,58	0,90	3,50	0,94	3,82	0,97
22		1,52	0,63	1,86	0,66	2,20	0,69	2,54	0,90	3,45	0,94	3,77	0,98
24		1,48	0,63	1,82	0,67	2,15	0,70	2,49	0,91	3,40	0,95	3,72	0,99
25		1,46	0,64	1,79	0,67	2,14	0,70	2,48	0,92	3,38	0,96	3,69	0,99
27		1,42	0,64	1,76	0,68	2,09	0,71	2,43	0,92	3,33	0,97	3,65	1,00

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