

ARXP25K3

Cooling

50 Hz

230 V

AFR	10,1
BF	0,22

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
14,0	20	2,56	2,08	0,51	2,44	2,03	0,56	2,33	1,97	0,60	2,28	1,95	0,62	2,21	1,92	0,65	2,10	1,86	0,70
16,0	22	2,68	2,05	0,51	2,56	1,99	0,56	2,44	1,94	0,61	2,40	1,92	0,63	2,33	1,89	0,66	2,21	1,84	0,71
18,0	25	2,79	2,17	0,51	2,68	2,12	0,56	2,56	2,07	0,61	2,51	2,06	0,63	2,44	2,03	0,66	2,33	1,98	0,71
19,0	27	2,85	2,31	0,51	2,73	2,27	0,56	2,62	2,22	0,61	2,57	2,20	0,63	2,50	2,18	0,66	2,38	2,13	0,71
22,0	30	3,02	2,24	0,52	2,91	2,20	0,57	2,79	2,16	0,62	2,74	2,14	0,64	2,67	2,12	0,67	2,56	2,08	0,71
24,0	32	3,14	2,19	0,52	3,02	2,15	0,57	2,90	2,12	0,62	2,86	2,10	0,64	2,79	2,08	0,67	2,67	2,04	0,72

Heating

50 Hz

230 V

AFR	10,3
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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
15,0		1,43	0,44	1,72	0,47	2,00	0,49	2,30	0,64	3,10	0,67	3,37	0,70
20,0		1,34	0,46	1,63	0,48	1,92	0,50	2,21	0,65	3,00	0,69	3,27	0,71
22,0		1,31	0,46	1,59	0,48	1,88	0,51	2,17	0,66	2,96	0,69	3,23	0,72
24,0		1,27	0,47	1,56	0,49	1,85	0,51	2,14	0,67	2,92	0,70	3,19	0,72
25,0		1,25	0,47	1,54	0,49	1,83	0,51	2,12	0,67	2,90	0,70	3,17	0,73
27,0		1,22	0,47	1,51	0,50	1,79	0,52	2,09	0,68	2,86	0,71	3,13	0,73

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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