

Model : NF300SGM

Refrigerant fluid:		R134a	R404A	R407A	R407F	R448A	R449A	R452A	
Item	Symbol	Value							Unit
Evaporating temperature*	t	-10							°C
Annual electricity consumption	Q	5193	8509	8250	8846	8048	8048	8234	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.60	3.84	3.45	3.50	3.79	3.79	3.86	
Parameters at full load and ambient temperature 32°C									
Rated cooling capacity	P _A	3.04	5.32	4.63	5.03	4.96	4.96	5.17	kW
Rated power input	D _A	1.59	2.63	2.55	2.74	2.58	2.58	2.63	kW
Rated COP	COP _A	1.91	2.02	1.82	1.84	1.92	1.92	1.97	
Parameters at full load and ambient temperature 25°C									
Rated cooling capacity	P _B	3.38	6.02	5.24	5.65	5.57	5.57	5.85	kW
Rated power input	D _B	1.29	2.15	2.08	2.21	2.07	2.07	2.14	kW
COP	COP _B	2.62	2.80	2.52	2.56	2.69	2.69	2.73	
Parameters at full load and ambient temperature 15°C									
Rated cooling capacity	P _C	3.95	7.04	6.13	6.56	6.46	6.46	6.85	kW
Rated power input	D _C	1.02	1.70	1.65	1.74	1.60	1.60	1.66	kW
COP	COP _C	3.87	4.14	3.72	3.77	4.04	4.04	4.13	
Parameters at full load and ambient temperature 5°C									
Rated cooling capacity	P _D	4.66	8.30	7.22	7.68	7.55	7.55	8.09	kW
Rated power input	D _D	0.85	1.41	1.37	1.45	1.27	1.27	1.33	kW
COP	COP _D	5.48	5.89	5.27	5.30	5.94	5.94	6.08	
Parameters at full load and ambient temperature 43°C									
Rated cooling capacity	P ₃	2.41	4.22	3.67	4.06	4.00	4.00	4.10	kW
Rated power input	D ₃	2.07	3.38	3.29	3.57	3.38	3.38	3.40	kW
COP	COP ₃	1.16	1.25	1.12	1.14	1.18	1.18	1.21	
Other items									
Capacity control	Fixed								
Coefficient of degradation for fixed and staged capacity unit*	C _d	0.25							