

Model : NF600SGL

Refrigerant fluid:		R134a	R404A	R407A	R407F	R448A	R449A	R452A	
Item	Symbol	Value							Unit
Evaporating temperature*	t	-35							°C
Annual electricity consumption	Q	10440	17159	16627	17835	16164	16164	16549	kWh/a
Seasonal Energy Performance Ratio	SEPR	1.50	1.60	1.43	1.45	1.58	1.58	1.61	
Parameters at full load and ambient temperature 32°C									
Rated cooling capacity	P _A	2.10	3.68	3.20	3.48	3.43	3.43	3.58	kW
Rated power input	D _A	2.59	4.28	4.15	4.46	4.20	4.20	4.28	kW
Rated COP	COP _A	0.81	0.86	0.77	0.78	0.82	0.82	0.84	
Parameters at full load and ambient temperature 25°C									
Rated cooling capacity	P _B	2.36	4.21	3.66	3.95	3.90	3.90	4.09	kW
Rated power input	D _B	2.12	3.54	3.42	3.64	3.41	3.41	3.52	kW
COP	COP _B	1.11	1.19	1.07	1.09	1.14	1.14	1.16	
Parameters at full load and ambient temperature 15°C									
Rated cooling capacity	P _C	2.72	4.85	4.22	4.52	4.45	4.45	4.72	kW
Rated power input	D _C	1.75	2.92	2.83	2.99	2.75	2.75	2.85	kW
COP	COP _C	1.55	1.66	1.49	1.51	1.62	1.62	1.66	
Parameters at full load and ambient temperature 5°C									
Rated cooling capacity	P _D	3.12	5.56	4.84	5.14	5.06	5.06	5.42	kW
Rated power input	D _D	1.49	2.49	2.42	2.56	2.24	2.24	2.35	kW
COP	COP _D	2.09	2.23	2.00	2.01	2.26	2.26	2.13	
Parameters at full load and ambient temperature 43°C									
Rated cooling capacity	P ₃	1.63	2.85	2.48	2.74	2.69	2.69	2.78	kW
Rated power input	D ₃	3.33	5.44	5.30	5.75	5.44	5.44	5.47	kW
COP	COP ₃	0.49	0.52	0.47	0.48	0.49	0.49	0.51	
Other items									
Capacity control	Fixed								
Coefficient of degradation for fixed and staged capacity unit*	C _d	0.25							