

Model : NF600SGM

Refrigerant fluid:		R134a	R404A	R407A	R407F	R448A	R449A	R452A	
Item	Symbol	Value							Unit
Evaporating temperature*	t	-35							°C
Annual electricity consumption	Q	12584	20745	19143	20707	19840	19840	20940	kWh/a
Seasonal Energy Performance Ratio	SEPR	2.83	3.01	2.83	2.84	2.97	2.97	2.92	
Parameters at full load and ambient temperature 32°C									
Rated cooling capacity	P _A	5.79	10.15	8.82	9.58	9.58	9.58	9.96	kW
Rated power input	D _A	3.21	5.31	4.93	5.28	4.97	4.97	5.22	kW
Rated COP	COP _A	1.80	1.91	1.79	1.81	1.93	1.93	1.91	
Parameters at full load and ambient temperature 25°C									
Rated cooling capacity	P _B	6.20	11.04	9.68	10.40	10.14	10.14	10.66	kW
Rated power input	D _B	2.78	4.64	4.38	4.68	4.32	4.21	4.60	kW
COP	COP _B	2.23	2.38	2.21	2.22	2.35	2.35	2.32	
Parameters at full load and ambient temperature 15°C									
Rated cooling capacity	P _C	7.08	12.60	11.20	11.93	11.37	11.37	12.02	kW
Rated power input	D _C	2.34	3.90	3.72	3.96	3.61	3.61	3.87	kW
COP	COP _C	3.03	3.23	3.01	3.01	3.15	3.15	3.11	
Parameters at full load and ambient temperature 5°C									
Rated cooling capacity	P _D	8.01	14.26	12.90	13.65	12.67	12.67	13.43	kW
Rated power input	D _D	2.02	3.37	3.15	3.33	3.06	3.06	3.28	kW
COP	COP _D	3.97	4.23	4.10	4.10	4.14	4.14	4.09	
Parameters at full load and ambient temperature 43°C									
Rated cooling capacity	P ₃	5.01	8.75	7.47	8.29	8.70	8.70	8.86	kW
Rated power input	D ₃	3.89	6.36	5.79	6.22	5.99	5.99	6.19	kW
COP	COP ₃	1.29	1.38	1.29	1.33	1.45	1.45	1.43	
Other items									
Capacity control	Fixed								
Coefficient of degradation for fixed and staged capacity unit*	C _d	0.25							