

**Model : NF400SGL**

Refrigerant fluid:		R134a	R404A	R407A	R407F	R448A	R449A	R452A	
Item	Symbol	Value							Unit
Evaporating temperature*	t	-35							°C
Annual electricity consumption	Q	7902	13033	12640	13552	12254	12254	12580	kWh/a
Seasonal Energy Performance Ratio	SEPR	1.53	1.62	1.45	1.47	1.61	1.61	1.63	
<b>Parameters at full load and ambient temperature 32°C</b>									
Rated cooling capacity	P <sub>A</sub>	1.62	2.83	2.46	2.68	2.64	2.64	2.75	kW
Rated power input	D <sub>A</sub>	2.06	3.41	3.31	3.55	3.35	3.35	3.41	kW
Rated COP	COP <sub>A</sub>	0.79	0.83	0.74	0.75	0.79	0.79	0.81	
<b>Parameters at full load and ambient temperature 25°C</b>									
Rated cooling capacity	P <sub>B</sub>	1.83	3.25	2.83	3.05	3.01	3.01	3.16	kW
Rated power input	D <sub>B</sub>	1.65	2.75	2.66	2.83	2.65	2.65	2.74	kW
COP	COP <sub>B</sub>	1.11	1.18	1.06	1.08	1.14	1.14	1.15	
<b>Parameters at full load and ambient temperature 15°C</b>									
Rated cooling capacity	P <sub>C</sub>	2.06	3.65	3.18	3.40	3.35	3.35	3.55	kW
Rated power input	D <sub>C</sub>	1.28	2.13	2.07	2.18	2.00	2.00	2.08	kW
COP	COP <sub>C</sub>	1.61	1.71	1.54	1.56	1.68	1.68	1.71	
<b>Parameters at full load and ambient temperature 5°C</b>									
Rated cooling capacity	P <sub>D</sub>	2.28	4.04	3.51	3.74	3.67	3.67	3.94	kW
Rated power input	D <sub>D</sub>	1.09	1.82	1.77	1.87	1.64	1.64	1.72	kW
COP	COP <sub>D</sub>	2.09	2.22	1.98	2.00	2.24	2.24	2.29	
<b>Parameters at full load and ambient temperature 43°C</b>									
Rated cooling capacity	P <sub>3</sub>	1.24	2.17	1.88	2.10	2.06	2.06	2.11	kW
Rated power input	D <sub>3</sub>	2.72	4.45	4.33	4.68	4.45	4.45	4.46	kW
COP	COP <sub>3</sub>	0.46	0.49	0.43	0.45	0.46	0.46	0.47	
<b>Other items</b>									
Capacity control	Fixed								
Coefficient of degradation for fixed and staged capacity unit*	C <sub>d</sub>	0.25							