

Model : NF300SGL

Refrigerant fluid:		R134a	R404A	R407A	R407F	R448A	R449A	R452A	
Item	Symbol	Value							Unit
Evaporating temperature*	t	-35							°C
Annual electricity consumption	Q	6259	10312	10029	10706	9735	9735	9990	kWh/a
Seasonal Energy Performance Ratio	SEPR	1.51	1.61	1.44	1.47	1.59	1.59	1.62	
Parameters at full load and ambient temperature 32°C									
Rated cooling capacity	P _A	1.27	2.23	1.94	2.11	2.08	2.08	2.17	kW
Rated power input	D _A	1.64	2.72	2.64	2.83	2.67	2.67	2.72	kW
Rated COP	COP _A	0.77	0.82	0.73	0.75	0.78	0.78	0.80	
Parameters at full load and ambient temperature 25°C									
Rated cooling capacity	P _B	1.45	2.58	2.25	2.42	2.39	2.39	2.47	kW
Rated power input	D _B	1.33	2.21	2.14	2.27	2.13	2.13	2.20	kW
COP	COP _B	1.09	1.17	1.05	1.07	1.12	1.12	1.12	
Parameters at full load and ambient temperature 15°C									
Rated cooling capacity	P _C	1.71	3.05	2.66	2.84	2.80	2.80	2.97	kW
Rated power input	D _C	1.05	1.75	1.70	1.79	1.65	1.65	1.71	kW
COP	COP _C	1.63	1.74	1.56	1.59	1.70	1.70	1.74	
Parameters at full load and ambient temperature 5°C									
Rated cooling capacity	P _D	1.93	3.44	2.99	3.18	3.13	3.13	3.35	kW
Rated power input	D _D	0.93	1.55	1.51	1.59	1.40	1.40	1.46	kW
COP	COP _D	2.08	2.22	1.98	2.00	2.24	2.24	2.29	
Parameters at full load and ambient temperature 43°C									
Rated cooling capacity	P ₃	0.96	1.68	1.45	1.62	1.59	1.59	1.70	kW
Rated power input	D ₃	2.15	3.52	3.43	3.71	3.52	3.52	3.54	kW
COP	COP ₃	0.45	0.48	0.42	0.44	0.45	0.45	0.48	
Other items									
Capacity control	Fixed								
Coefficient of degradation for fixed and staged capacity unit*	C _d	0.25							