

Model : NF400SGM

Refrigerant fluid:		R134a	R404A	R407A	R407F	R448A	R449A	R452A	
Item	Symbol	Value							Unit
Evaporating temperature*	t	-10							°C
Annual electricity consumption	Q	7625	12540	11300	12133	12217	12217	12404	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.14	3.34	3.30	3.34	3.19	3.19	3.28	
Parameters at full load and ambient temperature 32°C									
Rated cooling capacity	P _A	3.89	6.82	6.07	6.59	6.34	6.34	6.62	kW
Rated power input	D _A	2.15	3.55	3.16	3.38	3.35	3.35	3.46	kW
Rated COP	COP _A	1.81	1.92	1.92	1.95	1.89	1.89	1.91	
Parameters at full load and ambient temperature 25°C									
Rated cooling capacity	P _B	4.31	7.67	6.75	7.25	7.03	7.03	7.39	kW
Rated power input	D _B	1.82	3.03	2.72	2.89	2.83	2.83	2.96	kW
COP	COP _B	2.37	2.53	2.48	2.51	2.48	2.48	2.50	
Parameters at full load and ambient temperature 15°C									
Rated cooling capacity	P _C	4.83	8.60	7.58	8.08	7.76	7.76	8.26	kW
Rated power input	D _C	1.45	2.42	2.17	2.29	2.28	2.28	2.37	kW
COP	COP _C	3.33	3.56	3.49	3.53	3.40	3.40	3.49	
Parameters at full load and ambient temperature 5°C									
Rated cooling capacity	P _D	5.45	9.71	8.66	9.17	8.60	8.60	9.33	kW
Rated power input	D _D	1.18	1.97	1.76	1.86	1.88	1.88	1.94	kW
COP	COP _D	4.62	4.94	4.92	4.93	4.57	4.57	4.81	
Parameters at full load and ambient temperature 43°C									
Rated cooling capacity	P ₃	3.14	5.48	5.00	5.55	5.26	5.26	5.41	kW
Rated power input	D ₃	2.67	4.37	3.85	4.15	4.17	4.17	4.25	kW
COP	COP ₃	1.18	1.25	1.30	1.34	1.26	1.26	1.27	
Other items									
Capacity control	Fixed								
Coefficient of degradation for fixed and staged capacity unit*	C _d	0.25							