

**Model : NF300DGM**

Refrigerant fluid:		R134a	R404A	R407A	R407F	R448A	R449A	R452A	
Item	Symbol	Value							Unit
Evaporating temperature*	t	-10							°C
Annual electricity consumption	Q	5771	9508	8397	8979	8891	8891	9000	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.33	3.54	3.46	3.51	3.48	3.48	3.57	
<b>Parameters at full load and ambient temperature 32°C</b>									
Rated cooling capacity	P <sub>A</sub>	3.13	5.48	4.73	5.13	5.03	5.03	5.22	kW
Rated power input	D <sub>A</sub>	1.65	2.73	2.60	2.78	2.69	2.69	2.75	kW
Rated COP	COP <sub>A</sub>	1.90	2.01	1.82	1.85	1.87	1.87	1.90	
<b>Parameters at full load and ambient temperature 25°C</b>									
Rated cooling capacity	P <sub>B</sub>	3.43	6.10	5.35	5.77	5.60	5.60	5.88	kW
Rated power input	D <sub>B</sub>	1.37	2.29	2.11	2.24	2.18	2.18	2.25	kW
COP	COP <sub>B</sub>	2.50	2.66	2.54	2.58	2.57	2.57	2.61	
<b>Parameters at full load and ambient temperature 15°C</b>									
Rated cooling capacity	P <sub>C</sub>	3.88	6.90	6.25	6.69	6.46	6.46	6.83	kW
Rated power input	D <sub>C</sub>	1.10	1.84	1.68	1.77	1.72	1.72	1.79	kW
COP	COP <sub>C</sub>	1.16	1.24	1.15	1.18	1.28	1.28	1.23	
<b>Parameters at full load and ambient temperature 5°C</b>									
Rated cooling capacity	P <sub>D</sub>	4.35	7.74	7.37	7.84	7.52	7.52	8.01	kW
Rated power input	D <sub>D</sub>	0.88	1.47	1.39	1.47	1.45	1.45	1.47	kW
COP	COP <sub>D</sub>	4.94	5.27	5.30	5.33	5.19	5.19	5.45	
<b>Parameters at full load and ambient temperature 43°C</b>									
Rated cooling capacity	P <sub>3</sub>	2.58	4.51	3.89	4.24	4.18	4.18	4.31	kW
Rated power input	D <sub>3</sub>	2.09	3.42	3.34	3.58	3.41	3.41	3.50	kW
COP	COP <sub>3</sub>	1.23	1.32	1.16	1.18	1.23	1.23	1.23	
<b>Other items</b>									
Capacity control	Fixed								
Coefficient of degradation for fixed and staged capacity unit*	C <sub>d</sub>	0.25							