

Model : NFP100DGL

Refrigerant fluid:		R134a	R404A	R407A	R407F	R448A	R449A	R452A	
Item	Symbol	Value							Unit
Evaporating temperature*	t				-10				°C
Parameters at full load and ambient temperature 32°C									
Rated cooling capacity	P _A	0.45	0.79	0.59	0.72	0.65	0.65	0.74	kW
Rated power input	D _A	0.40	0.66	0.56	0.66	0.58	0.58	0.61	kW
Rated COP	COP _A	1.13	1.20	1.05	1.09	1.12	1.12	1.21	
Parameters at full load and ambient temperature 25°C									
Rated cooling capacity	P ₂	0.50	0.89	0.67	0.80	0.73	0.73	0.83	kW
Rated power input	D ₂	0.40	0.66	0.57	0.67	0.58	0.58	0.61	kW
COP	COP ₂	1.25	1.35	1.18	1.19	1.26	1.26	1.36	
Parameters at full load and ambient temperature 43°C									
Rated cooling capacity	P ₃	0.29	0.50	0.38	0.46	0.43	0.43	0.47	kW
Rated power input	D ₃	0.40	0.66	0.58	0.67	0.58	0.58	0.60	kW
COP	COP ₃	0.73	0.76	0.66	0.69	0.74	0.74	0.78	
Other items									
Capacity control					Fixed				
Coefficient of degradation for fixed and staged capacity unit*	C _d				0.25				