

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*		Cd	0.25							

Note: Published data based on condition – suction temp.20°C