

Cooling mode:

Where information relates to multi-split air conditioners, the test result and performance data may be obtained on the basis of performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.

Heating mode:

Information requirements for heat pumps									
Model(s):K2F-615 DN6									
Test matching indoor units form, cassette: KCIBF-80 DN5.0×8									
Outdoor side heat exchanger of air conditioner: air									
Indoor side heat exchanger of air conditioner: air									
If the heater is equipped with a supplementary heater: no									
Driver of compressor: electric motor									
Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasons are optional.									
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit	
Rated heating capacity	P _{rated,h}	61.50	kW		Seasonal space heating energy efficiency	η _{s,h}	165.4	%	
Declared heating capacity for part load at indoor temperature 20°C and outdoor temperatures T _j					Declared coefficient of performance or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T _j				
T _j =-7°C	P _{dh}	29.92	kW		T _j =-7°C	COP _d	253	%	
T _j =+2°C	P _{dh}	18.22	kW		T _j =+2°C	COP _d	393	%	
T _j =+7°C	P _{dh}	11.71	kW		T _j =+7°C	COP _d	632	%	
T _j =+12°C	P _{dh}	9.84	kW		T _j =+12°C	COP _d	716	%	
T _{biv} =bivalent temperature	P _{dh}	33.83	kW		T _{biv} =bivalent temperature	COP _d	202	%	
T _{oL} =operation temperature	P _{dh}	33.83	kW		T _{oL} =operation temperature	COP _d	202	%	
Bivalent temperature	T _{biv}	-10	°C						
Degradation co-efficient for heat pumps(**)	C _{dh}	0.25	--						
Power consumption in modes other than "active mode"					Supplementary heater				
Off mode	P _{OFF}	0.005	kW		Back-up heating capacity(*)	el _{bu}	0	kW	
Thermosat-off mode	P _{TO}	0.005	kW		Type of energy input				
Crankcase heater mode	P _{CK}	0.05	kW		Standby mode	P _{SB}	0.05	kW	
Other items									
Capacity control	variable				For air-to-air heat pump: air flow rate, outdoor measured	--	21500	m³/h	
Sound power level,outdoor	L _{WA}	89	dB						
GWP of the refrigerant		2088	kg CO ₂ eq (100years)						
Contact details									
(*)									
(**)If C _{dh} is not determined by measurement, then the default degradation coefficient of heat pumps shall be 0.25.									
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