

8HP

Information requirements for air-to-air conditioners								
Model(s): K2F-252 DR7								
Test matching indoor units form, cassette: 1×KCIF-45 DN5.0+3×KCIBF-71 DN5.0								
Outdoor side heat exchanger of air conditioner: air								
Indoor side heat exchanger of air conditioner: air								
Type: compressor driven								
Driver of compressor: electric motor								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	25.2	kW		Seasonal space cooling energy efficiency	η _{s,c}	340.0	%
Declared cooling capacity for part load at given outdoor temperatures T _j and indoor 27/19°C (dry/wet bulb)					Declared energy efficiency ratio or gas utilisation efficiency /auxiliary energy factor for part load at given outdoor temperatures T _j			
T _j =+35°C	P _{dc}	25.2	kW		T _j =+35°C	EER _d	4.00	--
T _j =+30°C	P _{dc}	18.6	kW		T _j =+30°C	EER _d	5.84	--
T _j =+25°C	P _{dc}	11.8	kW		T _j =+25°C	EER _d	9.87	--
T _j =+20°C	P _{dc}	7.62	kW		T _j =+20°C	EER _d	19.60	--
Degradation co-efficient for air conditioners(*)	C _{dc}	0.25	--					
Power consumption in modes other than "active mode"								
Off mode	P _{OFF}	0.006	kW		Crankcase heater mode	P _{CK}	0.006	kW
Thermosat-off mode	P _{TO}	0.006	kW		Standby mode	P _{SB}	0.006	kW
Other items								
Capacity control	variable				For air-to-air air conditioner: air flow rate, outdoor measured	--	12600	m³/h
Sound power level, outdoor	L _{WA}	78	dB					
GWP of the refrigerant		675	kg CO ₂ eq (100years)					
Contact details								
(*)If C _{dc} is not determined by measurement, then the default degradation coefficient of heat pumps shall be 0.25.								
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:

Where information relates to multi-split heat pumps, 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.