

H09AK / H12AK



- Supreme energy efficiency A+++
- 17dB low noise
- Plasmaster ioniser and auto clean
- **3M** Multi protection filter



H09AK/ H12AK



SPECIFICATIONS



System Model		Indoor Unit		H09AK.NSM		H12AK.NSM	
Capacity	Cooling	Min	kW			0.3	
		Rated	kW	2.5		3.5	
		Max	kW	3.8		4.04	
Heating +7°C	Heating +7°C	Min	kW			0.3	
		Rated	kW	3.2		4.0	
		Max	kW	6.6		6.8	
Heating -7°C	Heating -7°C	Rated	kW	4.3		4.6	
		Power Input	Cooling	Rated	kW	0.45	0.76
			Heating +7°C	Rated	kW	0.57	0.74
EER				5.6	4.6		
COP				5.6	5.4		
SEER				TBC	8.9		
Pdesign C			kW	9.1	3.5		
SCOP				5.2	5.1		
Pdesign H			kW	3.2	4.0		
Energy Label	Cooling					A+++	
	Heating					A+++	
Annual Energy Consumption			kW	99 / 846		138/1,098	
Sound Pressure	Cooling/Heating		dBA	38/33/25/17		39/33/25/17	
Sound Power			dBA			57	
Air Flow Rate			m ³ /min			15.5	
Outdoor	Outdoor	Max	dBA			65	
		Max	m ³ /min			33	
Dehumidification Rate			l/h	1.5		1.7	
Running Current	Cooling/Heating	Rated	A	2.3/2.9		3.5/3.8	
Starting Current	Cooling/Heating	Rated	A	2.3/2.9		3.5/3.8	
Power Supply			Ø / V / Hz			1 / 220-240 / 50	
Circuit Breaker			A			13	
Power Supply Cable		N x mm ²				3 x 1.0	
Power & Transmission		Cable N x mm ²				4 x 1.0 (Inc. Earth)	
Dimension			mm			875 x 295 x 235	
Net Weight			kg			11.5	
Fan Motor Output			W			20	
Outdoor				H09AK.UL2		H12AK.UL2	
Operation Range	Cooling	Min - Max	°CDB			-10-48°C	
	Heating	Min - Max	°CWB			-15-24°C	
Sound Pressure	Cooling	High	dBA			45	
	Heating	High	dBA			45	
Sound Power	Cooling	High	dBA			65	
Air Flow Rate	Cooling	High	m ³ /min			33	
Piping	Length (Odu/Idu)	Min	m			3	
		Max	m			20	
		Elevation (Odu/Idu)	Max	m			10
Piping Connection	Liquid	OD(Outside)	mm			6.35	
		inch				1/4	
		Gas	OD(Outside)	mm			9.52
		inch				3/8	
Drain	OD(Outside)	mm				21.5	
		inch				0.85	
Refrigerant	Type					R410A	
Charge at	Additional Charge	12.5mg				1150	
		g/m				20 (Over 12.5m)	
Fan Motor Output			W			45	
Compressor Type						Twin Rotary	
Net Weight			kg			35	
Dimension			mm			770 x 545 x 288	