

# HVAC System Calculator Results

Eu - MXZ Series

Outdoor Unit: MXZ-5F102VF

## Cooling Performance

**6.43**

SEER (Seasonal Energy Efficiency Ratio)

**A++**

8.3 kW

## Heating Performance

**4.16**

SCOP (Seasonal Coefficient of Performance)

**A+**

7.4 kW

## Annual Energy Consumption

**452**

kWh/year (Cooling)

**2,490**

kWh/year (Heating)

**2,942**

kWh/year (Total)

## Sound Levels


**65 dB**

Outdoor Unit

**60 dB**


Indoor Unit


## EU Energy Label




# ENERG


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MFZ-KT50VG/MFZ-KT50VG  
MXZ-5F102VF


SEER 




kW 8.3  
 SEER 6.4  
 kWh/annum 452


 60dB

 65dB

SCOP 



kW	0.0	7.4	0.0
SCOP	0.0	4.2	0.0
kWh/annum	2490	2490	2490



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626/2011

# Product Data Fiche

<b>A</b>	Model	<b>C</b>	Outdoor unit	MXZ-5F102VF		
		<b>B</b>	Indoor unit 1	MFZ-KT50VG		
			Indoor unit 2	MFZ-KT50VG		
			Indoor unit 3	-		
			Indoor unit 4	-		
			Indoor unit 5	-		
			Indoor unit 6	-		
<b>D</b>	Sound power level, indoors/outdoors	<b>F</b>	Outside	dB	65	
		<b>E</b>	Inside 1	dB	60	
			Inside 2	dB	60	
			Inside 3	dB	-	
			Inside 4	dB	-	
			Inside 5	dB	-	
			Inside 6	dB	-	
<b>G</b>	Refrigerant	R32 GWP 675				
<b>H</b>	Cooling	Seasonal energy efficiency ratio (SEER)			<b>6.43</b>	
		<b>J</b>	Energy efficiency class		<b>A++</b>	
		<b>K</b>	Annual energy consumption	kWh/annum	452	
		<b>L</b>	Design load	kW	8.3	
				<b>Warmer</b>	<b>Average</b>	<b>Colder</b>
<b>M</b>	Heating (moderately cold or cold climate)	Seasonal coefficient of performance (SCOP)		<b>0.00</b>	<b>4.16</b>	<b>0.00</b>
		<b>J</b>	Energy efficiency class	<b>A+</b>		
		<b>K</b>	Annual energy consumption	0	2490	0
		<b>L</b>	Design load	0	7.4	0
		<b>P</b>	Reference design temperature			
		<b>R</b>	Bivalent temperature			
		<b>S</b>	Operating limit temperature			
		<b>T</b>	Back-up capacity			

**Electric power input in power modes other than 'active mode'**

off mode	<b>POFF</b>	4	W
standby mode	<b>PSB</b>	4	W
thermostat - off mode	<b>PTO(c/h)</b>	27 / 27	W
crankcase heater mode	<b>PCK</b>	0	W





