HVAC System Calculator Results

Eu - MXZ Series

Outdoor Unit: MXZ-5F102VF3

Cooling Performance

8.20

SEER (Seasonal Energy Efficiency Ratio)

A++

10.2 kW

Heating Performance

4.70

SCOP (Seasonal Coefficient of Performance)

A++

7.4 kW

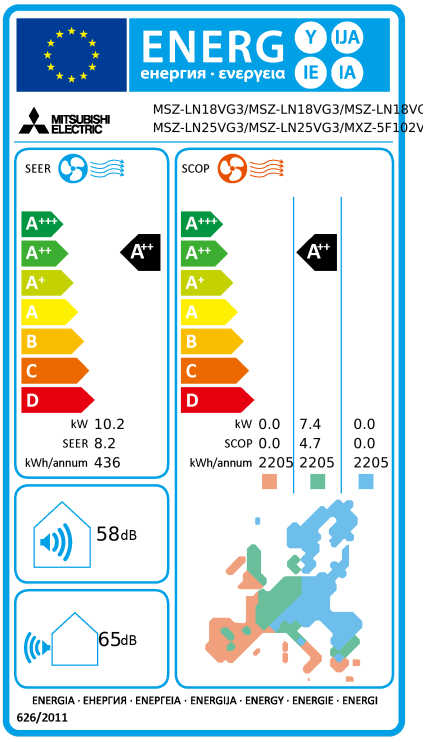
Annual Energy Consumption

436	2,205	2,641
kWh/year (Cooling)	kWh/year (Heating)	kWh/year (Total)

Sound Levels

65 dB	58 dB
Outdoor Unit	Indoor Unit

EU Energy Label


ENERG
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MITSUBISHI ELECTRIC
MSZ-LN18VG3/MSZ-LN18VG3/MSZ-LN18VC
MSZ-LN25VG3/MSZ-LN25VG3/MXZ-5F102V
SEER
A+++
A++
A+
A
B
C
D
kW 10.2
SEER 8.2
kWh/annum 436
SCOP
kW 0.0 7.4 0.0
SCOP 0.0 4.7 0.0
kWh/annum 2205 2205 2205
58dB
65dB
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Product Data Fiche

A	Model	**C**	Outdoor unit	MXZ-5F102VF3		
		B	Indoor unit 1	MSZ-LN18VG3		
			Indoor unit 2	MSZ-LN18VG3		
			Indoor unit 3	MSZ-LN18VG3		
			Indoor unit 4	MSZ-LN25VG3		
			Indoor unit 5	MSZ-LN25VG3		
			Indoor unit 6	-		
D	Sound power level, indoors/outdoors	**F**	Out-side	dB	65	
		E	Inside 1	dB	58	
			Inside 2	dB	58	
			Inside 3	dB	58	
			Inside 4	dB	58	
			Inside 5	dB	58	
			Inside 6	dB	-	
G	Refrigerant			R32 GWP 675		
H	Cooling	Seasonal energy efficiency ratio (SEER)			**8.20**	
		J	Energy efficiency class		**A++**	
		K	Annual energy consumption		kWh/annum	436
		L	Design load		kW	10.2
				Warmer	**Average**	**Colder**
M	Heating (moderately cold or cold climate)	Seasonal coefficient of performance (SCOP)		**0.00**	**4.70**	**0.00**
		J	Energy efficiency class	✕	**A++**	✕
		K	Annual energy consumption	0	2205	0
		L	Design load	0	7.4	0
		P	Reference design temperature			
		R	Bivalent temperature			
		S	Operating limit temperature			
		T	Back-up capacity			

Electric power input in power modes other than 'active mode'			
off mode	**POFF**	4	W
standby mode	**PSB**	4	W
thermostat - off mode	**PTO(c/h)**	27 / 27	W
crankcase heater mode	**PCK**	0	W