

## Indoor Unit



White  
MSZ-EF22-60VEW



Silver  
MSZ-EF22-60VES



Black  
MSZ-EF22-60VEB

## Remote Controller



## Outdoor Unit

### Single Connection



1-port  
MUZ-EF25/35VE(H)  
MUZ-EF42VE



1-port  
MUZ-EF50VE

### Multi Connection



2-port  
MXZ-2C30/2C40/2CS2VA

\*Available in Spring 2011



3-port | 4-port  
MXZ-3C54/3C68/4C71VA



4-port | 5-port  
MXZ-4C80/5C100VA



6-port  
MXZ-6C120VA

# Energy-efficient Operation

All models in the series have achieved the "Rank A" energy-savings rating, and are contributing to reduced energy consumption in homes, offices and a range of other settings. Offered in a variety of output capacities and installation patterns, the vast applicability promises an ideal match for any user.

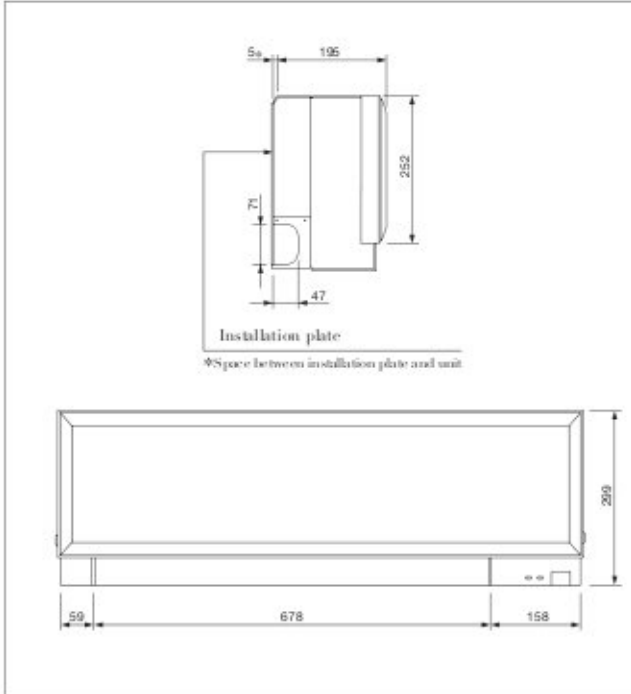
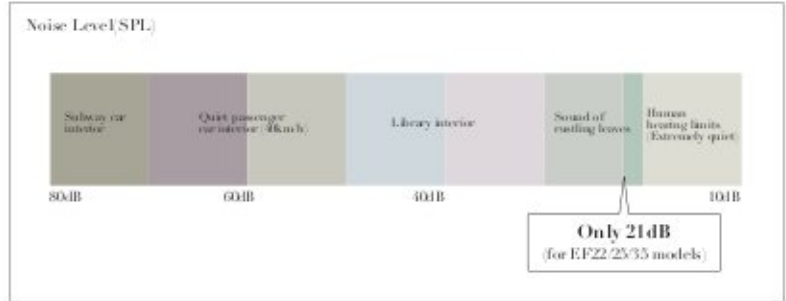


Outdoor / Indoor	Rank A for single connection	Compatibility								
	MUZ-EF25/35VE(H) 42/50VE	MXZ								
		2C30VA*	2C40VA*	2C52VA*	3C54VA	3C68VA	4C74VA	4C80VA	5C100VA	6C120VA
MSZ-EF22VE	A/A	✓	✓	✓	✓	✓	✓	✓	✓	✓
MSZ-EF25VE	A/A	✓	✓	✓	✓	✓	✓	✓	✓	✓
MSZ-EF35VE	A/A		✓	✓	✓	✓	✓	✓	✓	✓
MSZ-EF42VE	A/A			✓	✓	✓	✓	✓	✓	✓
MSZ-EF50VE	A/A				✓	✓	✓	✓	✓	✓

\*Available in Spring 2011

# Quiet Comfort All Day Long

Mitsubishi Electric's advanced "Silent Mode" fan speed setting provides super-quiet operation as low as 21dB for EF22/25/35 models. This unique feature makes the Kingamine ZEN series ideal for use in most any situation.



Type		Inverter Heat Pump					
Model Name	Indoor Unit	MSZ-EF22VEW/V/EA/ES	MSZ-EF25VEW/V/ER/ES	MSZ-EF35VEW/V/ER/ES	MSZ-EF42VEW/V/EA/ES	MSZ-EF50VEW/V/EA/ES	
Power Supply	Outdoor Unit	N/A <sup>92</sup>					
Cooling	Source	Outdoor power supply					
	Outdoor (V/Phase/Hz)	230/Single/50					
Heating	Indoor (V/Phase/Hz)	230/Single/50					
	Capacity	Rated	kW				
	Min - Max	kW					
	Total Input	Rated	kW				
	EER	A					
	SPL	EEL Rank	A				
		Indoor Unit (Silent-Lo-Mid-Hi-SHE <sup>91</sup> )	dB(A)				
		Outdoor Unit (Rated)	dB(A)				
	Air Volume	Indoor Unit (Silent-Lo-Mid-Hi-SHE <sup>91</sup> )	m <sup>3</sup> /min				
		Outdoor Unit (Rated)	m <sup>3</sup> /min				
Operating	Capacity	Rated	kW				
	Min - Max	kW					
	Total Input	Rated	kW				
	COP	A					
	SPL	EEL Rank	A				
		Indoor Unit (Silent-Lo-Mid-Hi-SHE <sup>91</sup> )	dB(A)				
		Outdoor Unit (Rated)	dB(A)				
	Air Volume	Indoor Unit (Silent-Lo-Mid-Hi-SHE <sup>91</sup> )	m <sup>3</sup> /min				
		Outdoor Unit (Rated)	m <sup>3</sup> /min				
	Indoor Unit	Input	Rated	kW			
Operating Current (max)		A					
Dimensions		H-W-D	mm				
Weight		kg					
Bracket Size		mm					
Outdoor Unit		Dimensions	H-W-D	mm			
	Weight	kg					
	Operating Current (max)	A					
	Bracket Size	mm					
	Ext. Piping	Diapicor	Liquid / Gas	mm			
		Max. Length	Out-In	m			
Max. Height		Out-In	m				
Guaranteed Operating Range (Outdoor)	Cooling	°C					
	Heating	°C					
			2.5	3.5	4.2	5.0	
			1.2 - 3.4	1.4 - 4.0	0.9 - 4.6	1.4 - 5.4	
			0.545	0.90	1.280	1.560	
			4.39	3.85	3.28	3.21	
			A	A	A	A	
			21 - 21 - 29 - 36 - 42	21 - 21 - 29 - 36 - 42	21 - 24 - 30 - 36 - 42	28 - 31 - 35 - 41 - 42	
			47	49	50	52	
			4 - 4.6 - 6.3 - 8.3 - 10.5	4 - 4.6 - 6.3 - 8.3 - 10.5	4 - 4.6 - 6.3 - 8.3 - 10.5	5.8 - 6.6 - 7.7 - 8.9 - 10.3	
			3.2	4.0	5.4	5.8	
			1.1 - 4.2	1.8 - 5.5	1.4 - 6.3	1.6 - 7.5	
			0.300	0.955	1.400	1.365	
			4.57	4.49	3.70	3.71	
			A	A	A	A	
			21 - 24 - 29 - 37 - 45	21 - 24 - 30 - 38 - 46	28 - 30 - 35 - 41 - 48	30 - 33 - 37 - 43 - 49	
			48	50	51	52	
			40 - 4.6 - 6.2 - 8.9 - 11.9	40 - 4.6 - 6.2 - 8.9 - 11.9	40 - 4.6 - 6.2 - 8.9 - 12.7	5.5 - 6.3 - 7.8 - 9.9 - 12.7	
			44.6	44.6	44.6	44.6	
			7.3	8.5	9.5	12.4	
			0.027	0.014	0.011	0.014	
			0.3	0.3	0.3	0.4	
			299 - 895 - 195	299 - 895 - 195	299 - 895 - 195	299 - 895 - 195	
			11.5	11.5	11.5	11.5	
			10	10	10	10	
			550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	880 - 840 - 330	
			30	35	35	54	
			7.0	8.2	9.2	12.0	
			10	10	10	10	
			6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	
			20	20	20	30	
			12	12	12	15	
			-10 - +46	-10 - +46	-10 - +46	-10 - +46	
			-15 - 20 - +24	-15 - 20 - +24	-15 - 24	-15 - 24	

<sup>91</sup> SHE → Super High    <sup>92</sup> MSZ-EF22 is for MXZ connection only    <sup>93</sup> Freeze-prevention Heater (For drain pan) is available as optional parts. For EF42: MAC-643BE-E, For EF30: MAC-644BE-E

