

**MITSUBISHI  
ELECTRIC**  
SPLIT-TYPE AIR CONDITIONERS

*Changes for the Better*

MITSUBISHI ELECTRIC

OPERATION  
KIRIGAMINE ZEN

 for a greener tomorrow

禪  
KIRIGAMINE ZEN



A new wind has arrived.



## Stylish Line-up Matches Any Room Décor

Developed to complement modern interior room décor, Kirigamine ZEN air conditioners are available in three colours specially chosen to blend in naturally wherever installed. The streamlined wall-mounted indoor units have eloquent silver-bevelled edges, expressing sophistication and quality. Combining impressively low power consumption and quiet yet powerful performance, these units provide a best-match scenario for diverse interior designs while simultaneously ensuring maximum room and energy savings.



# white

ZEN White blends in perfectly with light-coloured interiors. The thin, stylish design of the indoor unit is reminiscent of a piece of contemporary art, clearly expressing chic elegance.





## black

When it comes to darker interiors, ZEN Black is the answer to matching décor and air conditioning needs. The luxurious black finish resembles that of modern audio-visual equipment, further contributing to high-quality feel and comfortable room environment.

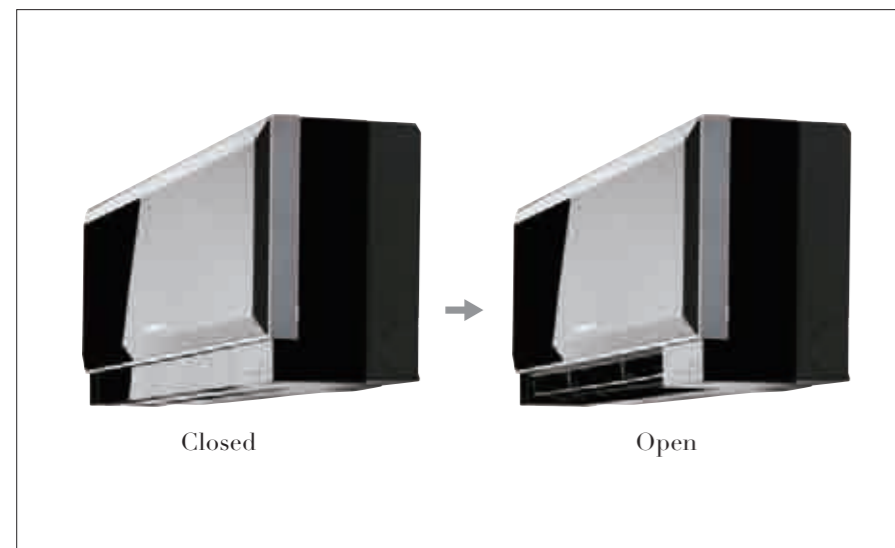
## silver

ZEN Silver is produced with highly advanced manufacturing processes, including the application of a special film coating to the factory-line finish to produce a stylish modern look. Slim, lustrous and compact, the indoor unit is a welcome accent to any room décor.



### Superior Exterior and Operating Design Concept

The indoor unit of the Kirigamine ZEN keeps its amazingly thin form even during operation. The only physical change notable is the movement of the variable vent. As a result, a slim attractive look is maintained.



### Convenient Built-in Weekly Timer

All ZEN indoor units are equipped with a Weekly Timer and come with a remote controller as standard equipment. (Weekly Timer settings are input via the remote controller.)

Example Operation Pattern (summer cooling mode)

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.
6:00	ON 26°C	ON 26°C	ON 26°C	ON 26°C	ON 26°C		
7:00							
8:00							
10:00	OFF	OFF	OFF	OFF	OFF	ON 26°C	ON 26°C
12:00	Automatically turned off during set work hours						
14:00							
16:00						OFF	OFF
18:00	ON 26°C	ON 26°C	ON 26°C	ON 26°C	ON 26°C	Automatically turns off during set period	
20:00						ON 26°C	ON 26°C
22:00	Automatically turns on, synchronized with set arrival time at home						
22:00~ (during sleeping hours)	ON 28°C	ON 28°C	ON 28°C	ON 28°C	ON 28°C	ON 28°C	ON 28°C
	Automatically raises temperature at set time for energy-saving operation at night						



### 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.

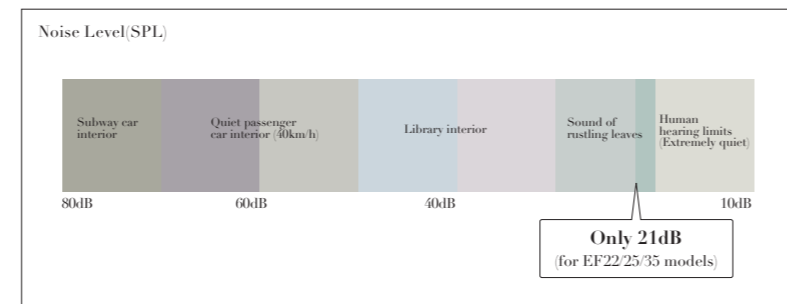


Outdoor \ Indoor	Rank A for single connection	Compatibility								
	MUZ-EF25/35VE(H) 42/50VE	MXZ								
		2C30VA*	2C40VA*	2C52VA*	3C54VA	3C68VA	4C71VA	4C80VA	5C100VA	6C120VA
MSZ-EF22VE	A/A	✓	✓	✓	✓	✓	✓	✓	✓	✓
MSZ-EF25VE	A/A	✓	✓	✓	✓	✓	✓	✓	✓	✓
MSZ-EF35VE	A/A		✓	✓	✓	✓	✓	✓	✓	✓
MSZ-EF42VE	A/A			✓	✓	✓	✓	✓	✓	✓
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 Kirigamine ZEN series ideal for use in most any situation.



### Indoor Unit



White  
MSZ-EF22-50VEW

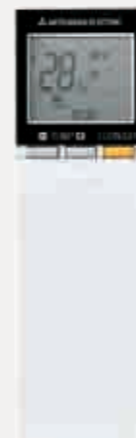


Silver  
MSZ-EF22-50VES



Black  
MSZ-EF22-50VEB

### Remote Controller



### Outdoor Unit

#### Single Connection



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



1-port  
MUZ-EF50VE

#### Multi Connection



2-port  
MXZ-2C30/2C40/2C52VA

\*Available in Spring 2011



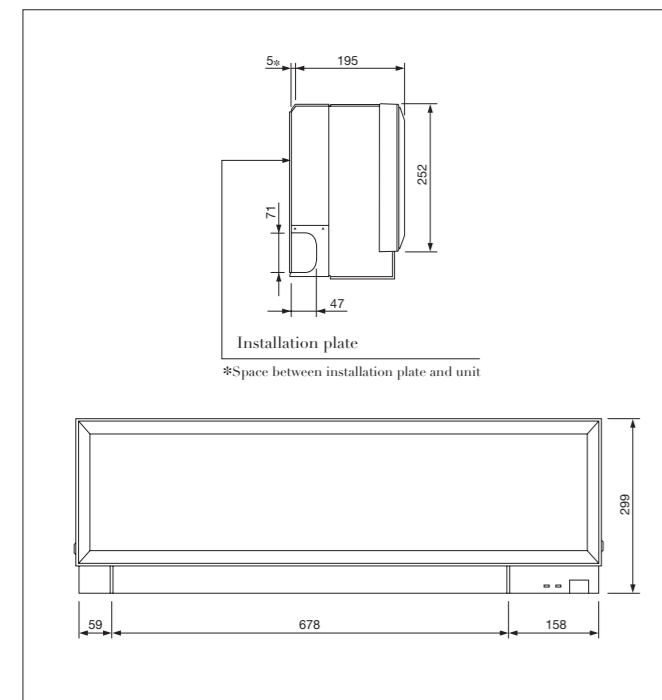
4-port 5-port  
MXZ-4C80/5C100VA



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



6-port  
MXZ-6C120VA



Type		Inverter Heat Pump						
Model Name	Indoor Unit	MSZ-EF22VEW/V/EB/VES	MSZ-EF25VEW/V/EB/VES	MSZ-EF35VEW/V/EB/VES	MSZ-EF42VEW/V/EB/VES	MSZ-EF50VEW/V/EB/VES		
Power Supply	Source	Outdoor power supply						
	Outdoor V/Phase/Hz	230 / Single / 50						
	Indoor V/Phase/Hz	230 / Single / 50						
Cooling	Capacity	Rated	kW		-			
		Min - Max	kW		-			
	Total Input	Rated	kW		-			
	EER	Rated	-		-			
		EEL Rank	A		A			
SPL	Indoor Unit (Silent-Lo-Mid-Hi-SH)*1	dB(A)	21 - 23 - 29 - 36 - 42	21 - 23 - 29 - 36 - 42	21 - 24 - 29 - 36 - 42	28 - 31 - 33 - 39 - 42		
	Outdoor Unit (Rated)	dB(A)	47					
	Air Volume	Indoor Unit (Silent-Lo-Mid-Hi-SH)*1	m³/min	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	5.8 - 6.8 - 7.9 - 9.3 - 11
		Outdoor Unit (Rated)	m³/min	-				
Heating	Capacity	Rated	kW		-			
		Min - Max	kW		-			
	Total Input	Rated	kW		-			
	COP	Rated	-		-			
		EEL Rank	A		A			
SPL	Indoor Unit (Silent-Lo-Mid-Hi-SH)*1	dB(A)	21 - 24 - 29 - 37 - 45	21 - 24 - 29 - 37 - 45	21 - 24 - 30 - 38 - 46	28 - 30 - 33 - 41 - 48		
	Outdoor Unit (Rated)	dB(A)	51					
	Air Volume	Indoor Unit (Silent-Lo-Mid-Hi-SH)*1	m³/min	4.0 - 4.6 - 6.2 - 8.9 - 11.9	4.0 - 4.6 - 6.2 - 8.9 - 11.9	4.0 - 4.6 - 6.2 - 8.9 - 12.7	5.5 - 6.3 - 7.8 - 9.9 - 12.7	6.4 - 7.3 - 9.0 - 11.1 - 13.2
		Outdoor Unit (Rated)	m³/min	-				
Operating Current (max)		Input	Rated	kW		-		
		Operating Current (max)	A		-			
Indoor Unit	Dimensions	H-W-D	mm		-			
	Weight	kg		-		-		
	Breaker Size	A		-		-		
	Dimensions	H-W-D	mm		-			
	Weight	kg		-		-		
Outdoor Unit	Operating Current (max)	A		-		-		
	Breaker Size	A		-		-		
	Dimensions	H-W-D	mm		-			
	Weight	kg		-		-		
Ext. Piping	Diameter	Liquid / Gas	mm		-			
	Max. Length	Out-In	m		-			
	Max. Height	Out-In	m		-			
Guaranteed Operating Range (Outdoor)	Cooling	°C	-		-			
	Heating	°C	-		-			

\*1 SHi → Super High    \*2 MSZ-EF22 is for MXZ connection only.    \*3 Freeze-prevention Heater (For drain pan) is available as optional parts. For EF42: MAC-643BH-E, For EF50: MAC-644BH-E



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