

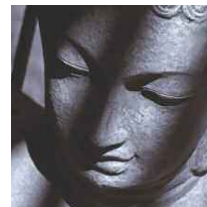
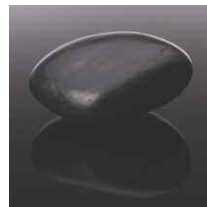
MITSUBISHI ELECTRIC

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# Zen Series

Elegant Efficiency

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M series



Air Conditioning | Heating  
Ventilation | Controls

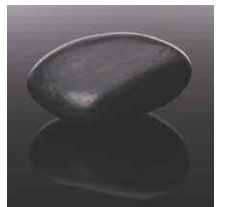


reddot design award  
winner 2015



# Zen Black

When it comes to dark interiors the luxurious black finish of Zen contributes to a professional, quality feel. Combined with a highly efficient performance, **Zen sets the benchmark when it comes to comfort control.**





# Zen Silver



The silver Zen units are produced using highly advanced manufacturing processes, including the application of a special film coating to produce a stylish, contemporary finish. **The modern, chic colour choice offers an alternative option to conventional style room air conditioning.**



# Zen White



The white Zen units blend in perfectly with light coloured interiors. The thin, stylish design expresses a sophisticated elegance and makes the units **perfect for any applications, large or small.**

# The Elegant & Efficient Zen Series



The Zen Series is a wall mounted system that blends energy efficiency with a sophisticated, streamlined design.



Combining an impressively low power consumption with a quiet, yet powerful performance, units have a distinctively styled front panel that not only looks appealing, but also helps to make cleaning of the unit easier.



Designed to complement modern interior décor and suitable for a wide range of applications, Zen units blend in naturally wherever they are installed and are available in three striking colours; black, silver and white.



## ● Smartphone / Tablet control with MELCloud



MELCloud is a new cloud based solution for controlling your Mitsubishi Electric air conditioning system either by PC, Tablet or Smartphone.

Remote operation can be achieved as long as you have a connected system and you have an Internet connection at the location of your equipment and Internet connection on your PC, Smartphone or Tablet device.\*\*

For further information please visit [melcloud.com](http://melcloud.com)



## Key Features

- **Energy Efficient Operation** - All Zen systems have an energy label of at least 'A+' and contribute to reduced energy consumption in shops, offices and a range of other settings. Available in a variety of capacities, all models produce a powerful performance with low starting and running currents to match.
- **Quiet Operation** - Zen indoor units feature a 'silent mode' fan speed setting that provides near silent operation as low as 21dBA (sizes 25/35). 
- **Weekly Timer** - Utilising a stylish infra-red remote controller or wired option all Zen indoor units feature a built in weekly timer for complete control at all times.
- **Filter Systems** - Zen indoor units make use of two types of filter. The Nano Platinum filter generates stable antibacterial and deodourising effects, while the optional Anti-Allergy Enzyme filter uses enzyme catalysts to filter allergens.
- **Replace Technology** - Zen incorporates 'Replace Technology' to allow the upgrade of R22 / R407c systems using existing pipework and wiring, without the need to apply any special cleaning operations. For further information visit [replace.mitsubishielectric.co.uk](http://replace.mitsubishielectric.co.uk) 
- **Multi-Split Compatibility** - Zen is fully compatible with our range of M Series MXZ Multi-Split Systems, allowing up to 8 indoor units to be connected to a single outdoor unit, saving on pipework and installation time.
- **VRF Compatibility** - Zen is compatible with City Multi when used in conjunction with PAC-LV11M LEV kit.

\* MAC-397IF required to connect to PAR-31MAA. \*\* MAC-557IF required to connect to MELCloud.

# Product Information

**M** series

## Indoor Units

MSZ-EF-B/S/W		MSZ-EF25VE2-B/S/W	MSZ-EF35VE2-B/S/W	MSZ-EF50VE2-B/S/W
CAPACITY (kW)	Heating (nominal)	3.2 (1.1-4.2)	4.0 (1.8-5.5)	5.8 (1.6-7.5)
	Cooling (nominal)	2.5 (1.2-3.4)	3.5 (1.4-4.0)	5.0 (1.4-5.4)
	Heating (UK)	2.65 (0.91-3.49)	3.32 (1.5-4.57)	4.82 (1.33-6.23)
	Cooling (UK)	2.48 (1.19-3.37)	3.47 (1.38-3.97)	4.96 (1.39-5.36)
SHF (nominal)		0.92	0.80	0.71
COP / EER (nominal)		4.57 / 4.59	4.19 / 3.85	3.71 / 3.21
SCOP / SEER (BS EN14825)		4.7 / 8.5	4.6 / 8.5	4.5 / 7.2
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A++ / A+++	A++ / A+++	A+ / A++
AIRFLOW (m <sup>3</sup> /min)	Heating/Cooling - S/Lo-Lo-Mi-Hi-Shi	4.0-4.6-6.2-8.9-11.9 / 4.0-4.6-6.3-8.3-10.5	4.0-4.6-6.2-8.9-12.7 / 4.0-4.6-6.3-8.3-10.5	6.4-7.3-9.0-11.1-13.2 / 5.8-6.8-7.9-9.3-11.0
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling - Silent-Lo-Mi-Hi-Shi	21-24-29-37-45 / 21-23-29-36-42	21-24-30-38-46 / 21-24-29-36-42	30-33-37-43-49 / 30-33-36-40-43
SOUND POWER LEVEL (dBA)		60	60	60
DIMENSIONS (mm)	Width x Depth x Height	895 x 195 x 299	895 x 195 x 299	895 x 195 x 299
WEIGHT (kg)		11.5	11.5	11.5
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. CORES		4	4	4

## Outdoor Units

MUZ-EF		MUZ-EF25VE	MUZ-EF35VE	MUZ-EF50VE
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	48 / 47	50 / 49	52 / 52
SOUND POWER LEVEL (dBA)	Cooling	58	61	65
WEIGHT (kg)		30	35	54
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 550	800 x 285 x 550	840 x 330 x 880
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.700 / 0.545	0.955 / 0.910	1.565 / 1.560
	Heating/Cooling (UK)	0.64 / 0.44	0.87 / 0.73	1.42 / 1.25
STARTING CURRENT (A)		3.5	4.4	7
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	3.5 / 2.9 [7.3]	4.4 / 4.2 [8.5]	7.0 / 6.9 [12.4]
FUSE RATING (BS88) - HRC (A)		10	10	16
MAINS CABLE No. CORES		3	3	3
MAX PIPE LENGTH (m)		20	20	30
MAX HEIGHT DIFFERENCE (m)		12	12	15
CHARGE R410A (kg) - 7m		0.8	1.15	1.45

B = Black S = Silver W = White



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