



mitsubishi electric

KIRIGAMINE ZEN
OPERATION

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.



Air Conditioning | Commercial Heating
Domestic Heating | Photovoltaics



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.

Black



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 room air conditioning.

Silver





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 application, large or small.

white

Key Features:

Energy Efficient Operation - All Zen systems have an energy label of '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, 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.

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 reducing installation time.



MUZ-EF25/35VE



MUZ-EF50VE

Infra-red remote controllers



MSZ-EF-VEB/S/W - INDOOR UNITS		MSZ-EF25VEB/S/W	MSZ-EF35VEB/S/W	MSZ-EF50VEB/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 (0.9-3.5)	3.3 (1.5-4.55)	4.8 (1.35-6.25)
	Cooling (UK)	2.5 (1.2-3.35)	3.45 (1.4-3.95)	4.95 (1.4-5.35)
SHF (nominal)		0.92	0.80	0.71
COP / EER (nominal)		4.57 / 4.59	4.19 / 3.85	3.71 / 3.21
ENERGY LABEL Heating/Cooling		A / A	A / A	A / A
AIRFLOW (m³/min)	Heating - Sil-Lo-Mi-Hi-SupHi	4.0-4.6-6.2-8.9-11.9	4.0-4.6-6.2-8.9-12.7	6.4-7.3-9.0-11.1-13.2
	Cooling - Sil-Lo-Mi-Hi-SupHi	4.0-4.6-6.3-8.3-10.5	4.0-4.6-6.3-8.3-10.5	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")
NOISE (dBA)	Heating - Sil-Lo-Mi-Hi-SupHi	21-24-29-37-45	21-24-30-38-46	30-33-37-43-49
	Cooling - Sil-Lo-Mi-Hi-SupHi	21-23-29-36-42	21-24-29-36-42	30-33-36-40-43
DIMENSIONS (mm)	Width	895	895	895
	Depth	195	195	195
	Height	299	299	299
WEIGHT (kg)		11.5	11.5	11.5
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
PHASE		Single	Single	Single
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. CORES		4	4	4

B = Black S = Silver W = White

MUZ-EF-VE - OUTDOOR UNITS		MUZ-EF25VE	MUZ-EF35VE	MUZ-EF50VE
NOISE (dBA)	Heating/Cooling	48 / 47	50 / 49	52 / 52
WEIGHT (kg)		30	35	54
DIMENSIONS (mm)	Width	800	800	840
	Depth	285	285	330
	Height	550	550	880
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.70 / 0.545	0.955 / 0.91	1.565 / 1.56
	Heating/Cooling (UK)	0.637 / 0.436	0.869 / 0.728	1.424 / 1.248
STARTING CURRENT (A)		3.5	4.4	7.0
SYSTEM RUNNING CURRENT (A) [MAX] Heating/Cooling		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

ACCESSORIES / OPTIONAL EXTRAS

Anti-Allergy Enzyme Filter - MAC-2320FT

Wired Remote Controller - PAR-30MAA

Interfaces

MAC-399IF - for connection to M-NET system

MAC-397IF - for connection to PAR-30MAA



Changes for the Better

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