

Air Conditioning

Product Information

MSZ-EF R410A
Zen Inverter Heat Pump
Wall Mounted System

Making a
World of
Difference

M 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.

Key Features

- Stylish design in a range of three distinct colours
- Energy efficient operation with a powerful performance
- Recognised by the Noise Abatement Society and awarded the Quiet Mark for industry leading low noise levels



Cooling | Heating | Ventilation | Controls

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Black (B)



Silver (S)



White (W)



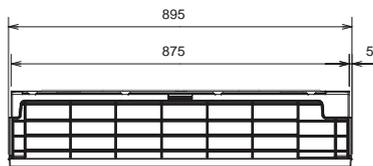
MSZ-EF B/S/W - INDOOR UNITS		MSZ-EF25VE3 B/S/W	MSZ-EF35VE3 B/S/W	MSZ-EF50VE3 B/S/W
CAPACITY (kW)	Heating (nominal)	3.2 (1.1-4.2)	4.0 (1.8-5.5)	5.8 (1.6-7.5)
	Cooling (nominal)	2.5 (1.2-3.4)	3.5 (1.4-4.0)	5.0 (1.4-5.4)
	Heating (UK)	2.65 (0.91-3.49)	3.32 (1.5-4.57)	4.82 (1.33-6.23)
	Cooling (UK)	2.48 (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 (l/s)	Heating - SLo-Lo-Mi-Hi-SHi	67-77-103-148-198	67-77-103-148-212	107-122-150-185-220
	Cooling - SLo-Lo-Mi-Hi-SHi	67-77-105-138-175	67-77-105-138-175	97-113-132-155-183
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 - SLo-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	885 x 195 x 299	885 x 195 x 299	885 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

MUZ-EF - OUTDOOR UNITS		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 REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R410A (GWP 2088) - 7m		0.8 / 1.68	1.15 / 2.41	1.45 / 3.03
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R410A (GWP 2088)		0.39 / 0.82	0.39 / 0.82	0.46 / 0.97

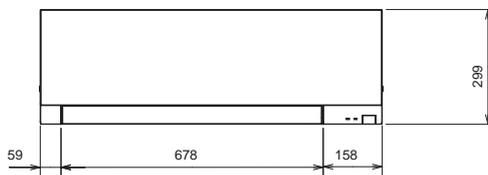
Notes: Black (B), Silver (S), White (W)

PRODUCT DIMENSIONS

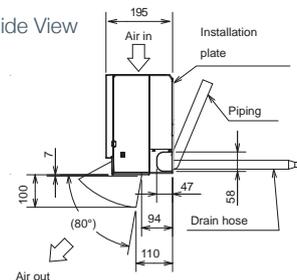
Upper View



Front View



Side View



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Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774) or R134a (GWP:1430). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows: R410A (GWP:1975), R32 (GWP: 550), R407C (GWP:1650) or R134a (GWP:1300).



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