MSZ-EF R32

Zen Wall Mounted System

Inverter Heat Pump



Black (B)



Silver (S)



White (W)





The **MSZ-EF** is a modern, small-scale wall mounted air conditioning system that effortlessly blends energy efficiency, low noise, Wi-Fi control and air filtration with a sophisticated, streamlined design. Available in capacities from 1.8kW to 5kW and connectable as a single or multi-split system, Zen is the perfect solution for residential and small office applications.

Key Features & Benefits

- Stylish design in a range of three distinct colours - black, silver and white
- Built in Wi-Fi interface enables system control & monitoring via the Mitsubishi Electric MELCloud Home app; plus voice control - compatible with Amazon Alexa enabled devices
- In-room air purification through our advanced V-Blocking filter, neutralising viruses, allergens, dust and mould
- Easy operation via a backlit controller with 7 day time clock
- Compatible with Plasma Quad Connect - an innovative, bolt-on air purifying device which neutralises viruses, bacteria, allergens, PM2.5, mould and dust. For more information, please refer to page 1.1.7

R32

MSZ-EF B/S/W - INDOOR UNITS		MSZ-EF18VGK2 B/S/W	MSZ-EF22VGK2 B/S/W	MSZ-EF25VGK2 B/S/W	MSZ-EF35VGK2 B/S/W	MSZ-EF50VGK2 B/S/W
CAPACITY (kW)	Heating (nominal)	2.0 (0.9 - 4.0)	2.6 (1.0-4.5)	3.2 (0.9-4.2)	4.0 (1.2-5.1)	5.8 (1.4-7.5)
	Cooling (nominal)	1.8 (0.9 - 3.0)	2.2 (1.0-3.2)	2.5 (0.9-3.4)	3.5 (1.1-4.0)	5.0 (1.4-5.4)
	Heating (UK)	-	-	2.65 (0.75-3.49)	3.32 (1.0-4.23)	4.82 (1.16-6.23)
	Cooling (UK)	-	-	2.48 (0.89-3.37)	3.47 (1.09-3.96)	4.96 (1.39-5.36)
SHF (nominal)		-	-	0.97	0.80	0.70
COP / EER (nominal)		-	-	4.57 / 4.63	4.21 / 3.85	3.72 / 3.25
SCOP / SEER (BS EN14825)		-	-	4.7 / 9.1	4.6 / 8.8	4.5 / 7.5
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	-	-	A++ / A+++	A++ / A+++	A+ / A++
AIRFLOW (l/s)	Heating (SLo-Lo-Mi-Hi-SHi)	63-75-107-155-208	63-75-107-155-208	63-75-107-155-208	63-75-107-155-223	98-117-137-162-198
	Cooling (SLo-Lo-Mi-Hi-SHi)	63-75-108-145-185	63-75-108-145-185	63-75-108-145-185	63-75-108-145-185	98-117-137-162-198
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA)	Heating (SLo-Lo-Mi-Hi-SHi)	21-24-29-37-45	21-24-29-37-45	21-24-29-37-45	21-24-30-38-46	30-33-37-43-49
	Cooling (SLo-Lo-Mi-Hi-SHi)	19-23-29-36-42	19-23-29-36-42	19-23-29-36-42	21-24-30-36-42	30-33-36-40-43
SOUND POWER LEVEL (dBA)		60	60	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	885 x 195 x 299	885 x 195 x 299
WEIGHT (kg)		11	11	11	11	11
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) – HRC (A)		6	6	6	6	6
INTERCONNECTING CABLE No. CORES		4	4	4	4	4

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

MUZ-EF - OUTDOOR UNITS		MULTI-SPLIT ONLY	MULTI-SPLIT ONLY	MUZ-EF25VG2	MUZ-EF35VG2	MUZ-EF50VG2
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	-	-	48 / 47	50 / 49	52 / 52
SOUND POWER LEVEL (dBA)	Cooling	-	-	58	62	65
WEIGHT (kg)		-	-	31	34	40
DIMENSIONS (mm)	Width x Depth x Height	-	-	800 x 285 x 550	800 x 285 x 550	800 x 285 x 714
ELECTRICAL SUPPLY		-	-	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		-	-	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	-	-	0.70 / 0.54	0.95 / 0.91	1.56 / 1.54
	Heating/Cooling (UK)	-	-	0.64 / 0.44	0.87 / 0.73	1.42 / 1.24
STARTING CURRENT (A)		-	-	3.6	4.4	7.1
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	-	-	3.6 / 3.0 [7.1]	4.4 / 4.2 [7.1]	7.1 / 6.9 [14.0]
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) - R32 (GWP 675) - 7m		-	-	0.62 / 0.42	0.74 / 0.50	1.05 / 0.71
MAX ADDITIONAL REFRIGERANT (kg) / CO_2 EQUIVALENT (t) - R32 (GWP 675)		-	-	0.26 / 0.18	0.26 / 0.18	0.46 / 0.31

Accessories

Indoor Units

MAC-100FT-E

Plasma Quad Connect Air Purifying Device

MAC-1300RC-E

Natural white remote controller holder

Outdoor Units

MAC-881SG

Air outlet guides for MUZ-EF25/35VG2

MAC-882SG

Air outlet guides for MUZ-EF50VG2

System Control Units

PAR-CT01MAA-SB/PB

Touch screen wired remote controller (PB = Premium Finish)

PAR-42MAAB/MAAPB

Standard wired remote controller (MAAPB = Black Finish)

MAC-334IF-E

Interface for M-NET, MA remote controller (PAR-42MAAB / PAR-CT01MAA), on/off input and run/fault output

MAC-497IF-E

Interface for MA remote controller (PAR-42MAAB / PAR-CT01MAA)

MELCOBEMS MINI (A1M+)

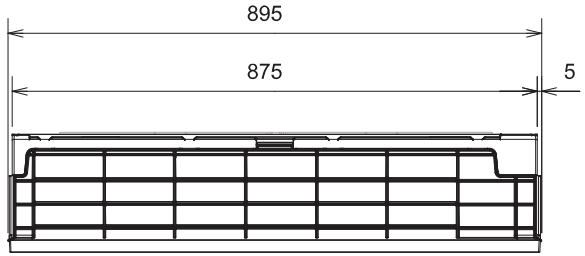
Modbus and BACnet MSTP CN105 adaptor

MELCORETAIL MINI

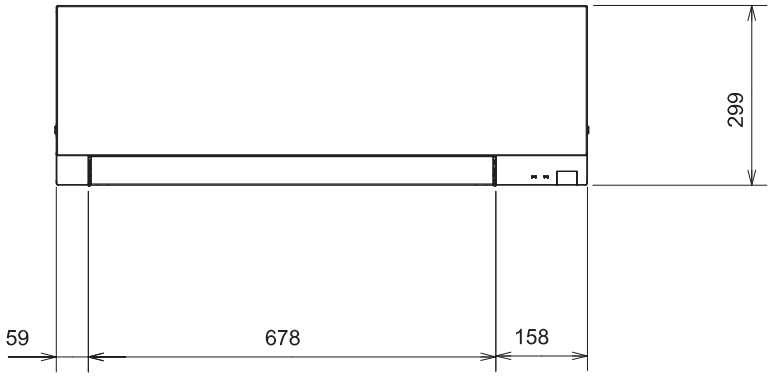
Retail control and input / output interface

Product Dimensions MSZ-EF18/22/25/35/50VGK2 B/S/W

Upper View



Front View



Side View

