MSZ-RZ R290

Premium Plus Wall Mounted System

Inverter Heat Pump











The **MSZ-RZ** range blends low GWP refrigerant, with a high heating performance efficiency in low outdoor temperatures. Excellent air purifying functions, low noise levels and many other smart features makes it an excellent choice. The indoor unit comes in white or matt black colour options.

Key Features & Benefits

- Utilises R290 low GWP refrigerant, reducing environmental impact, supporting sustainability and helping achieve CSR targets
- Integrated refrigeration sensor, providing early detection of leaks and enhancing occupant safety
- Built in Plasma quad technology neutralises viruses, bacteria, allergens, PM2.5 mould and dust, inhibiting 99.8% of SARS-CoV-2*
- 3D i-see sensor provides energy efficient, customised comfort by automatically monitoring room occupancy position and body temperatures
- 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
- Excellent heating performance delivers warmth to your room at low ambient outdoor temperatures
- 'Circulator' mode to automatically circulate the air and eliminate cold spots
- User-friendly backlit controller for remote operation, including scheduling options

R290

MSZ-RZ - INDOOR UNITS		MSZ-RZ25VU(B)	MSZ-RZ35VU(B)	MSZ-RZ50VU(B)
CAPACITY (KW)	Heating (nominal)	3.2 (0.8-5.4)	4.0 (1.1-6.3)	6.0 (1.8-8.7)
	Cooling (nominal)	2.5 (0.9-3.5)	3.5 (1.0-4.0)	5.0 (1.4-5.8)
	Heating (UK)	2.62 (0.66-4.43)	3.28 (0.9-5.17)	4.92 (1.48-7.13)
	Cooling (UK)	2.5 (0.9-3.5)	3.5 (1.0-4.0)	5.0 (1.4-5.8)
SHF (nominal)		1.00	0.92	0.81
COP / EER (nominal)		5.50 / 5.60	4.90 / 4.50	4.10 / 3.60
SCOP / SEER (BS EN14825)		5.3 / 11.7	5.2 / 9.6	4.7 / 7.6
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+++ / A+++	A+++ / A+++	A++ / A++
AIRFLOW (l/s)	Heating (SLo-Lo-Mi-Hi-SHi)	85-130-158-195-235	85-130-158-195-255	130-178-208-245-303
	Cooling (SLo-Lo-Mi-Hi-SHi)	85-108-150-175-195	85-115-150-192-235	130-158-185-218-270
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 (SLo-Lo-Mi-Hi-SHi)	19-25-30-36-41	19-25-30-36-42	25-32-37-41-46
	Cooling (SLo-Lo-Mi-Hi-SHi)	19-23-29-36-42	19-24-29-36-43	26-30-34-39-45
SOUND POWER LEVEL (dBA)		58	59	59
DIMENSIONS (mm)	Width x Depth x Height	998 x 247 x 305	998 x 247 x 305	998 x 247 x 305
WEIGHT (kg)		14.4	14.4	14.6
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

Notes: Black (B).

MUZ-RZ- OUTDOOR UNITS		MUZ-RZ25VU	MUZ-RZ35VU	MUZ-RZ50VUHZ
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	49 / 46	50 / 49	54 / 51
SOUND POWER LEVEL (dBA)	Cooling	60	61	64
WEIGHT (kg)		37.5	39.5	58
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 714	800 x 285 x 714	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)	0.58 / 0.45	0.81 / 0.77	1.45 / 1.38
	Heating/Cooling (UK)	0.53 / 0.38	0.74 / 0.65	1.32 / 1.17
STARTING CURRENT (A)		2.9	3.8	5.9
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	2.5 / 2.0 [9.8]	3.5 / 3.3 [9.9]	6.3 / 6.0 (15.7)
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) - R290 (GWP 0.02)		0.39 / 0.0000078 (10m)	0.39 / 0.0000078 (10m)	0.70 / 0.000014 (15m)
MAX ADDITIONAL REFRIGERANT (kg) / CO_2 EQUIVALENT (t) - R290 (GWP 0.02)		0.10 / 0.000002	0.10 / 0.000002	0.15 / 0.000003

* Derived from and subject to test results, for and on behalf of Mitsubishi Electric conducted at the Microbial Testing Laboratory, Textile Quality and Technology Center, Kobe, Japan.

Accessories

Indoor Units

MAC-1300RC-E

Natural white remote controller holder

Outdoor Units

MAC-882SG

Air outlet guide for MUZ-RZ25/35VU

MAC-890SG-E

Air outlet guide for MUZ-RZ50VUHZ

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+)

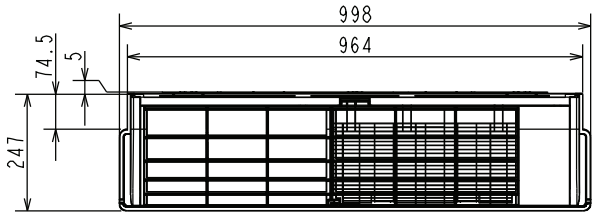
Modbus and BACnet MSTP CN105 adaptor

MELCORETAIL MINI

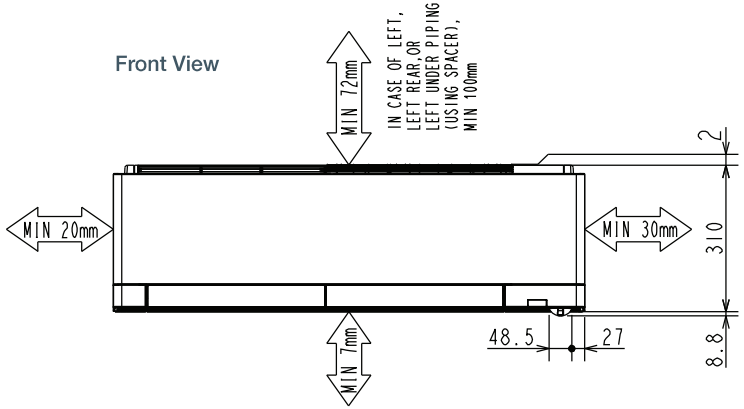
Retail control and input / output interface

Product Dimensions MSZ-RZ25/35/50VU(B)

Upper View



Front View



Side View

