

MXZ-HA R32 Inverter Heat Pump

(4-5kW)

Multi-Split Units

The **MXZ-HA** range of multi-split outdoor units connect to our MSZ-HR classic wall mounted indoor units. Together they form exceptional value small multi-split systems, that can be used in a wide range of applications such as residential spaces, small offices and light commercial premises.

Key Features & Benefits

- 2 or 3 MSZ-HR indoor units can be connected to a single outdoor unit
- Available in 4 or 5kW capacities, covering a wide range of applications
- With a total system pipe length of 30-50m, these units offer flexible installation options
- MSZ-HR connection only

R32



MXZ-HA - OUTDOOR UNITS		MXZ-2HA40VF2	MXZ-2HA50VF2	MXZ-3HA50VF2
NUMBER OF CONNECTABLE INDOOR UNITS		2	2	2 - 3
CAPACITY (kW)	Heating (nominal)	4.3 (1.0 - 4.7)	6.0 (1.0 - 6.4)	6.0 (2.6 - 7.5)
	Cooling (nominal)	4.0 (1.1 - 4.3)	5.0 (1.1 - 5.4)	5.0 (2.9 - 6.5)
	Heating (UK)	3.61 (0.84 - 3.95)	5.04 (0.84 - 5.38)	5.04 (2.18 - 6.30)
	Cooling (UK)	4.00 (1.10 - 4.30)	5.00 (1.10 - 5.40)	4.50 (2.61 - 5.85)
COP / EER (nominal)		4.73 / 3.81	3.90 / 3.29	4.62 / 3.97
SCOP (ηsh) / SEER (ηsc) (BS EN14825)		4.30 / 8.12	4.30 / 7.78	4.02 / 7.26
ErP ENERGY EFFICIENCY CLASS		A+ / A++	A+ / A++	A+ / A++
MAX AIRFLOW (m³/min)		33.5 / 28.4	34.7 / 32.7	29.1 / 31.0
SOUND PRESSURE LEVEL (dBA)		50 / 44	51 / 47	50 / 46
SOUND POWER LEVEL (dBA)		59	64	61
DIMENSIONS (mm)		800 x 285 x 550	800 x 285 x 550	840 x 330 x 710
WEIGHT (kg)		37	37	57
ELECTRICAL SUPPLY		220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz
PHASE		Single	Single	Single
POWER INPUT (kW)	Heating/Cooling (nominal)	0.91 / 1.05	1.54 / 1.52	1.30 / 1.26
	Heating/Cooling (UK)	0.82 / 0.90	1.39 / 1.31	1.17 / 1.08
STARTING CURRENT (A)		7.6	7.6	6.7
RUNNING CURRENT (A)		4.4 / 4.7 [12.2]	6.6 / 6.5 [12.2]	5.6 / 5.4 [18.0]
INTERCONNECTING CABLE No. CORES		4 Core	4 Core	4 Core
TOTAL PIPE LENGTH (m)		30	30	50
MAX PIPE LENGTH PER INDOOR UNIT (m)		20	20	25
MAX HEIGHT DIFFERENCE (m)		15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	15 (10 if OU higher than IU)
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675)		0.9 / 0.61	0.9 / 0.61	1.4 / 0.95
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675)		0	0	0.2 / 0.14
FUSE RATING (BS88) - HRC (A)		16	16	20

Notes: MSZ-HR connection only.

Accessories

Outdoor Units

MAC-881SG

Air outlet guide for MXZ-2HA40VF2, MXZ-2HA50VF2

MAC-856SG

Air outlet guide for MXZ-3HA50VF2

System Control Units

PAR-CT01MAA-SB/PB

Touch screen wired remote controller (PB = Premium finish)

MAC-334IF-E

Interface for M-NET, MA remote controller (PAR-41MAA / PAR-CT01MAA), on/off input and run/fault output

MAC-497IF-E

Interface for MA remote controller (PAR-41MAA / PAR-CT01MAA)

MAC-587IF-E

Interface for connection to Wi-Fi MELCloud service

PAR-41MAA

Standard wired remote controller

MELCOBEMS MINI (A1M+)

Modbus and BACnet MSTP CN105 adaptor

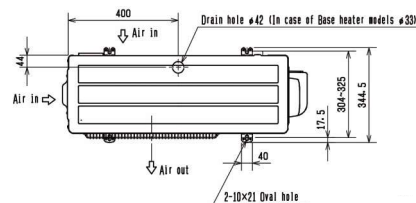
MELCORETAIL MINI

Retail control and input / output interface

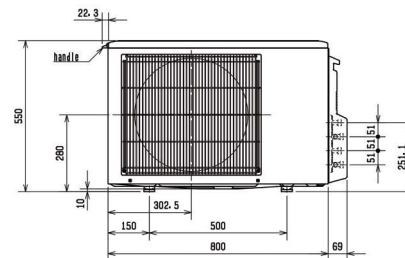
Product Dimensions

MXZ-2HA40/50VF2

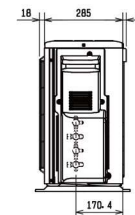
Upper View



Front View



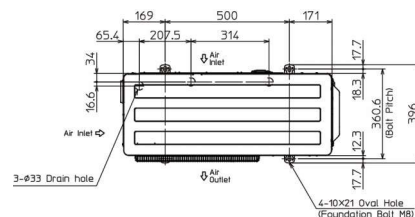
Side View



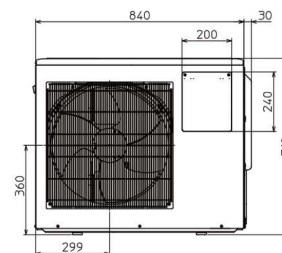
Product Dimensions

MXZ-3HA50VF2

Upper View



Front View



Side View

