

Air Conditioning

Product Information

MSZ-AP R32 Wall Mounted System Inverter Heat Pump

Making a
World of
Difference

M series



The **MSZ-AP** range is a wall mounted system that blends energy efficiency with a modern white design. Boasting outstanding benefits, this mid-range unit includes state-of-the-art Wi-Fi control as standard and utilises low GWP R32 refrigerant.

Key Features

- Compact and stylish white design
- Quiet operation with industry leading low noise levels
- Highly energy efficient operation, utilising low GWP R32 refrigerant
- Built in Wi-Fi interface enabling control and monitoring via the MELCloud app (MSZ-AP25/35/50)
- Double vanes to distribute airflow evenly throughout the room
- Weekly timer provides greater control of scheduling
- Incorporates Replace Technology, allowing the upgrade of systems utilising existing piping



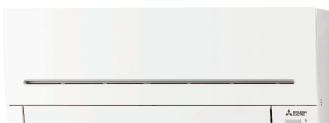
Cooling | Heating | Ventilation | Controls

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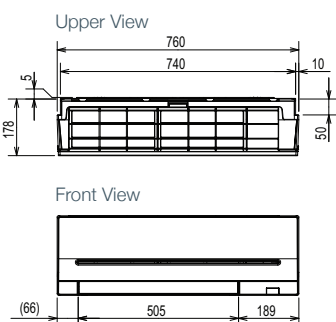
MSZ-AP - INDOOR UNITS		MSZ-AP15VF	MSZ-AP20VF	MSZ-AP25VGK	MSZ-AP35VGK	MSZ-AP50VGK
CAPACITY (KW)	Heating (nominal)	1.7 (1.2-3.0)	2.2 (1.2-3.9)	3.2 (1.0-4.1)	4.0 (1.3-4.6)	5.8 (1.4-7.3)
	Cooling (nominal)	1.5 (0.9-2.7)	2.0 (0.9-3.0)	2.5 (0.9-3.4)	3.5 (1.1-3.8)	5.0 (1.4-5.4)
	Heating (UK)	-	-	2.62 (0.8-3.4)	3.28 (1.1-3.77)	4.76 (1.2-6.0)
	Cooling (UK)	-	-	2.33 (0.8-3.2)	3.26 (1.0-3.5)	4.65 (1.3-5.0)
SHF (nominal)		-	-	0.92	0.88	0.74
COP / EER (nominal)		-	-	4.10 / 4.17	3.88 / 3.54	3.63 / 3.23
SCOP / SEER (BS EN14825)		-	-	4.80 / 8.60	4.70 / 8.60	4.70 / 7.40
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	-	-	A++ / A+++	A++ / A+++	A++ / A++
AIRFLOW (l/s)	Heating (SLo-Lo-Mid-Hi-SHi)	62-73-83-100-113	62-73-83-100-122	82-98-122-148-215	82-98-122-148-215	93-108-137-167-233
	Cooling (SLo-Lo-Mid-Hi-SHi)	58-65-77-92-107	58-65-77-92-115	82-98-118-145-190	82-98-118-145-190	100-120-140-167-210
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-Mid-Hi-SHi)	21-26-30-35-40	21-26-30-35-42	19-24-34-39-45	19-24-31-38-45	28-33-38-43-48
	Cooling (SLo-Lo-Mid-Hi-SHi)	21-26-30-35-40	21-26-30-35-42	19-24-30-36-42	19-24-30-36-42	28-33-36-40-44
SOUND POWER LEVEL (dBA)		59	60	57	57	58
DIMENSIONS (mm)	Width x Depth x Height	760 x 178 x 250	760 x 178 x 250	798 x 219 x 299	798 x 219 x 299	798 x 219 x 299
WEIGHT (kg)		8.2	8.2	10.5	10.5	10.5
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

Note: MSZ-AP15/20VF only available with R32 MXZ Multi-Split outdoor units

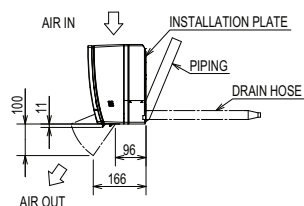
MUZ-AP - OUTDOOR UNITS		N/A MULTI-SPLIT ONLY	N/A MULTI-SPLIT ONLY	MUZ-AP25VG	MUZ-AP35VG	MUZ-AP50VG
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	-	-	48 / 47	50 / 49	52 / 52
SOUND POWER LEVEL (dBA)	Cooling	-	-	59	61	64
WEIGHT (kg)		-	-	31	31	40
DIMENSIONS (mm)	Width x Depth x Height	-	-	800 x 285 x 550	800 x 285 x 550	800 x 219 x 714
ELECTRICAL SUPPLY		-	-	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz
PHASE		-	-	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	-	-	0.78 / 0.60	1.03 / 0.99	1.60 / 1.55
	Heating/Cooling (UK)	-	-	0.70 / 0.56	0.93 / 0.93	1.44 / 1.46
STARTING CURRENT (A)		-	-	3.6	4.7	7.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	-	-	3.6 / 2.9 [7.06]	4.7 / 4.5 [8.46]	7.0 / 6.9 [13.6]
FUSE RATING (BS88) - HRC (A)		-	-	10	10	16
MAINS CABLE No. CORES		-	-	3	3	3
MAX PIPE LENGTH (m)		-	-	20	20	20
MAX HEIGHT DIFFERENCE (m)		-	-	12	12	12
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)		-	-	0.55 / 0.37	0.55 / 0.37	1.00 / 0.68
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)		-	-	0.26 / 0.18	0.26 / 0.18	0.26 / 0.18

PRODUCT DIMENSIONS

MSZ-AP15-20VF

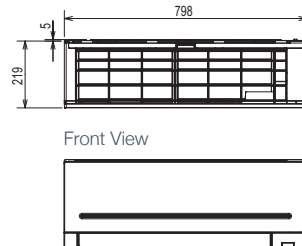


Side View

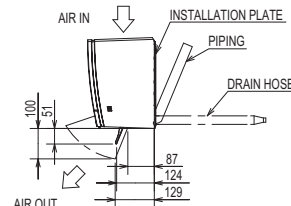


MSZ-AP25-50VGK

Upper 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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Effective as of January 2018