



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



# Air Conditioning

## Product Information

### MSZ-AP R32 Wall Mounted System Inverter Heat Pump

Making a  
World of  
Difference



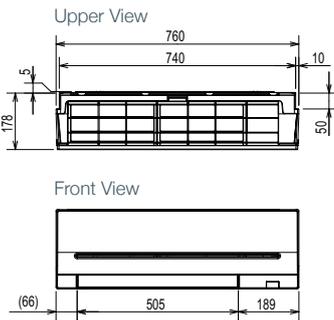
MSZ-AP - INDOOR UNITS		MSZ-AP15VF	MSZ-AP20VF	MSZ-AP25VGK	MSZ-AP35VGK	MSZ-AP50VGK
CAPACITY (KW)	Heating (nominal)	1.7 (1.2-3.0)	2.2 (1.2-3.9)	3.2 (1.0-4.1)	4.0 (1.3-4.6)	5.8 (1.4-7.3)
	Cooling (nominal)	1.5 (0.9-2.7)	2.0 (0.9-3.0)	2.5 (0.9-3.4)	3.5 (1.1-3.8)	5.0 (1.4-5.4)
SHF (nominal)	Heating (UK)	-	-	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)
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				
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

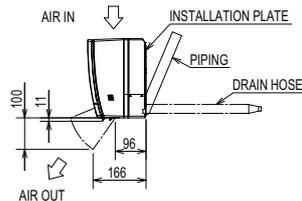
MUZ-AP - OUTDOOR UNITS		N/A MULTI-SPLIT ONLY	N/A MULTI-SPLIT ONLY	MUZ-AP25VG	MUZ-AP35VG	MUZ-AP50VG
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	-	-	48 / 47	50 / 49	52 / 52
SOUND POWER LEVEL (dBA)	Cooling	-	-	59	61	64
WEIGHT (kg)		-	-	31	31	40
DIMENSIONS (mm)	Width x Depth x Height	-	-	800 x 285 x 550	800 x 285 x 550	800 x 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)	-	-	0.78 / 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	16	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 <sub>2</sub> EQUIVALENT (t)		-	-	0.55 / 0.37	0.55 / 0.37	1.00 / 0.68
MAX ADDITIONAL REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (t)		-	-	0.26 / 0.18	0.26 / 0.18	0.26 / 0.18

#### PRODUCT DIMENSIONS

##### MSZ-AP15-20VF

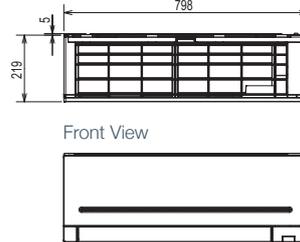


##### Side View

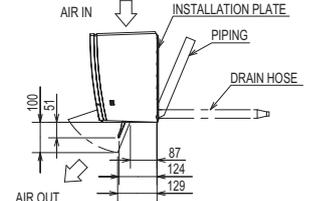


##### MSZ-AP25-50VGK

##### 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