

MSZ-AY / MSZ-AP R32

Elegance Wall Mounted System

Inverter Heat Pump

Mseries

The **MSZ-AY & MSZ-AP** wall mounted systems deliver excellent flexibility and energy efficiency for air conditioning projects.

The range benefits from a stylish design, air purifying properties and a range of capacities from 1.5kW to 7.1kW. With connection capability to single as well as multi-split systems, the Elegance series is a great fit for residential and light commercial applications.

Key Features & Benefits:

- Elegant and sleek design to complement multiple application types
- High seasonal efficiencies, offering energy savings and low running costs
- Low noise levels, including Night Mode setting, for minimal disturbance to occupants
- In-room air purification through advanced V-Blocking filter, neutralising bacteria, viruses, allergens, dust and mould
- Luxury Matt finish ensures easy cleaning and consistent premium appearance (MSZ-AY only)
- Self-cleaning mode prevents mould and odours, allowing cleaner air to be delivered to the space (MSZ-AY only)
- Dual-Barrier coating on the heat exchanger, fan and air duct prevents dust and grease accumulation within the unit, ensuring long-term efficient operation (MSZ-AY only)
- Built-in Wi-Fi interface enables system control and monitoring via the Mitsubishi Electric MELCloud Home app; plus voice control - compatible with Amazon Alexa and Google Assistant-enabled devices

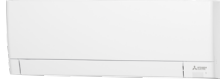


**MELCloud
HOME**

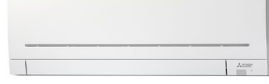




MSZ-AY15-20VGK



MSZ-AY25-50VGK



MSZ-AP60-71VGK



MSZ-AY20/25/35/42VG



MSZ-AY50VG & MSZ-AP60VG



MSZ-AP71VGK

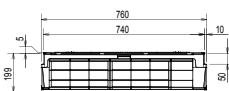
MSZ-AY / MSZ-AP INDOOR UNITS		MSZ-AY15VGK2	MSZ-AY20VGK2	MSZ-AY25VGK2	MSZ-AY35VGK2	MSZ-AY42VGK2	MSZ-AY50VGK2	MSZ-AP60VGK2	MSZ-AP71VGK2
CAPACITY (kW)	Heating (nominal)	2.0 (0.5-3.1)	2.5 (0.5-3.5)	3.2 (1.0-4.1)	4.0 (1.3-4.6)	5.2 (1.3-6.0)	5.5 (1.4-7.3)	6.8 (2.0-8.6)	8.1 (2.2-10.3)
	Cooling (nominal)	1.5 (0.5-2.2)	2.0 (0.6-2.7)	2.5 (0.9-3.4)	3.5 (1.1-3.8)	4.2 (0.9-4.5)	5.0 (1.4-5.4)	6.1 (1.4-7.3)	7.1 (2.0-8.7)
	Heating (UK)	1.64 (0.4-2.5)	2.06 (0.4-2.9)	2.64 (0.8-3.4)	3.3 (1.1-3.8)	4.45 (1.1-4.9)	4.78 (1.2-6.0)	5.6 (1.6-7.1)	6.76 (1.8-8.6)
	Cooling (UK)	1.49 (0.5-2.2)	1.98 (0.6-2.7)	2.48 (0.9-3.4)	3.47 (1.1-3.8)	4.17 (0.9-4.5)	4.95 (1.4-5.3)	6.05 (1.4-7.2)	7.04 (2.0-8.6)
SHF (nominal)	-	0.80	0.92	0.88	0.77	0.74	0.83	0.77	
COP / EER (nominal)	-	4.17 / 4.35	4.10 / 4.17	3.88 / 3.54	3.74 / 3.23	3.74 / 3.24	4.07 / 3.84	3.82 / 3.53	
SCOP / SEER (BS EN14825)	-	4.20 / 8.60	4.80 / 8.70	4.70 / 8.70	4.70 / 7.90	4.70 / 7.50	4.60 / 7.40	4.40 / 7.20	
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	-	A+ / A+++	A++ / A+++	A++ / A+++	A++ / A++	A++ / A++	A++ / A++	A+ / A++
AIRFLOW (l/s)	Heating - SL0-Lo-Mid-Hi-SHI	47-65-75-90-102	47-65-75-90-118	67-83-110-133-197	67-83-110-133-205	73-88-115-141-216	101-106-125-151-216	180-223-257-290-338	170-192-220-255-320
	Cooling - SL0-Lo-Mid-Hi-SHI	47-62-73-87-102	47-62-73-87-110	60-83-105-130-175	60-83-105-130-185	75-95-115-140-190	86-106-125-151-195	157-183-220-267-315	160-192-220-255-310
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")	9.52 (3/8")	12.7 (1/2")	12.7 (1/2")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	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 - SL0-Lo-Mid-Hi-SHI	21-26-30-35-40	19-26-30-35-42	18-24-34-39-45	18-24-31-38-45	21-29-35-40-45	28-33-38-43-48	30-37-41-45-48	30-37-41-45-51
	Cooling - SL0-Lo-Mid-Hi-SHI	21-26-30-35-40	19-26-30-35-42	18-24-30-36-42	18-24-30-36-42	21-29-34-38-42	28-33-36-40-44	30-37-41-45-48	30-37-41-45-49
SOUND POWER LEVEL (dBA)		54	57	57	57	57	58	65	65
DIMENSIONS (mm)	Width x Depth x Height	760 x 199 x 250	760 x 199 x 250	798 x 245 x 299	798 x 245 x 299	798 x 245 x 299	798 x 245 x 299	1100 x 257 x 325	1100 x 257 x 325
WEIGHT (kg)		7.9	7.9	10.5	10.5	10.5	10.5	16	17
ELECTRICAL SUPPLY		Fed by Outdoor unit	Fed by Outdoor Unit	Fed by Outdoor Unit	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	6	6	6
INTERCONNECTING CABLE No. CORES		4	4	4	4	4	4	4	4

MUZ-AY / MUZ-AP OUTDOOR UNITS		MULTI-SPLIT ONLY	MUZ-AY20VG2	MUZ-AY25VG2	MUZ-AY35VG2	MUZ-AY42VG2	MUZ-AY50VG2	MUZ-AP60VG2	MUZ-AP71VG2
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	-	48 / 47	48 / 47	50 / 49	51 / 50	52 / 52	57 / 56	55 / 55
SOUND POWER LEVEL (dBA)	Cooling	-	59	59	61	61	64	65	65
WEIGHT (kg)		-	28	26.5	28.5	33	40.5	40	53
DIMENSIONS (mm)	Width x Depth x Height	-	800 x 285 x 550	800 x 285 x 550	800 x 285 x 550	800 x 285 x 550	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	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		-	Single	Single	Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	-	1.00 / 0.46	0.78 / 0.60	1.03 / 0.99	1.39 / 1.30	1.47 / 1.54	1.67 / 1.59	2.12 / 2.01
	Heating/Cooling (UK)	-	0.90 / 0.43	0.70 / 0.50	0.93 / 0.83	1.25 / 1.08	1.32 / 1.28	1.51 / 1.33	1.91 / 1.68
STARTING CURRENT (A)		-	3.2	3.6	4.7	6.1	6.9	7.4	9.3
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	-	3.2 / 2.6 [7.0]	3.6 / 2.9 [7.06]	4.7 / 4.5 [8.46]	6.1 / 5.8 [9.9]	6.5 / 6.9 [13.8]	7.4 / 7.1 [14.0]	9.3 / 8.8 [16.4]
FUSE RATING (BS88) - HRC (A)		-	10	10	10	10	16	16	20
MAINS CABLE No. CORES		-	3	3	3	3	3	3	3
MAX PIPE LENGTH (m)		-	20	20	20	20	20	30	30
MAX HEIGHT DIFFERENCE (m)		-	12	12	12	12	12	15	15
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675) - 7m		-	0.55 / 0.37 (7m)	0.55 / 0.37 (7m)	0.55 / 0.37 (7m)	0.70 / 0.47 (7m)	1.00 / 0.68 (7m)	1.05 / 0.71 (15m)	1.50 / 1.02 (15m)
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675)		-	0.25 / 0.17	0.25 / 0.17	0.25 / 0.17	0.25 / 0.17	0.25 / 0.17	0.30 / 0.21	0.30 / 0.21

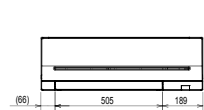
DIMENSIONS

MSZ-AY15-20VGK

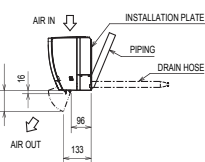
UPPER VIEW



FRONT VIEW

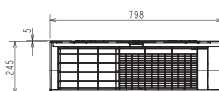


SIDE VIEW

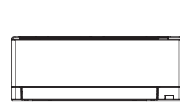


MSZ-AY25-50VGK

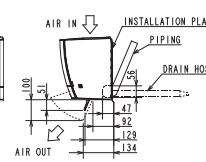
UPPER VIEW



FRONT VIEW

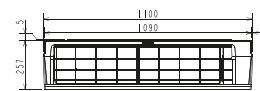


SIDE VIEW

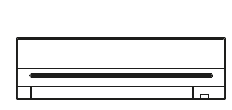


MSZ-AP60-71VGK

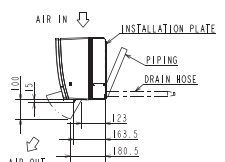
UPPER VIEW



FRONT VIEW



SIDE VIEW



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Note: The fuse rating is for guidance only and 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), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R515B (GWP:292), R454C (GWP:148), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a hydrocarbon, R290 (GWP:0.02). *These GWP values are based on IPCC 6th edition.

Effective as of February 2026

