MITSUBISHI ELECTRIC

High SHF Combinations

Mr.SLIM M series

Our **Mr Slim** and **M Series** ranges offer high sensible cooling capacities, advanced control options and increased EER's. This range is ideal for small-scale computer rooms or applications that require a greater degree of sensible cooling.

R32 POWER INVERTER

Key Features & Benefits:

- High sensible heat ratio offers a lower system running cost
- High off-coil temperature minimises moisture in the air - ideal for applications such as computer rooms
- Flush-to-wall design, for simple installation



R32

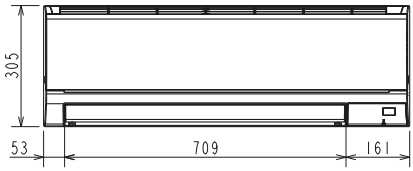


INDOOR UNITS		MSY-TP35VF	PKA-M50LA2	PKA-M60KA2	MSY-TP50VF	PKA-M71KA2
CAPACITY (kW)	Cooling (Rated) / Min-Max	3.5 (1.5-4.0)	3.6 (1.6-4.5)	4.6 (2.3-5.6)	5.0 (1.5-5.7)	6.1 (2.7-6.7)
SHF (Rated)		0.98	0.86	0.91	0.82	0.9
EER (Rated)		4.61	4.30	4.10	3.45	4.00
SEER (BS EN14825)		9.00	6.40	6.60	8.00	6.80
ErP ENERGY EFFICIENCY CLASS	Cooling	A+++	A++	A++	A+++	A++
AIRFLOW (l/s)	Cooling - (Lo-Mi2-Mi1-Hi)	168-193-228-273	125-137-153-182	300-333-367	168-193-228-273	300-333-367
PIPE SIZE MM (in)	Gas	9.52 (3/8")	12.7 (1/2")	12.7 (1/2")	9.52 (3/8")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")
SOUND PRESSSURE LEVEL (dBA)	Cooling - (Lo-Mi2-Mi1-Hi)	31-36-40-45	34-37-40-43	39-42-45	31-36-40-45	39-42-45
SOUND POWER LEVEL (dBA)		60	60	64	60	64
DIMENSIONS (MM)	Width x Depth x Height	923 x 250 x 305	898-237-299	1170-295-365	923 x 250 x 305	1170-295-365
WEIGHT (KG)		12.5	12.6	21	12.5	21
ELECTRICAL SUPPLY		220-240v, 50Hz	Fed by Outdoor	Fed by Outdoor	220-240v, 50Hz	Fed by Outdoor
FUSE RATING (BS88) - HRC (A)		10	6	6	10	6
INTERCONNECTING CABLE No. CORES		4	4	4	4	4
OUTDOOR UNITS		**MUY-TP35VF**	**PUZ-ZM35VKA2**	**PUZ-ZM50VKA2**	**MUY-TP50VF**	**PUZ-ZM60VHA2**
SOUND PRESSSURE LEVEL (dBA)	Cooling	45	44	44	47	47
SOUND POWER LEVEL (dBA)	Cooling	58	65	65	61	67
WEIGHT (KG)		34	46	46	34	67
DIMENSIONS (MM)	Width x Depth x Height	800 x 285 x 550	800 x 300 x 630	800 x 300 x 630	800 x 285 x 550	950 x 300 + 25 x 943
ELECTRICAL SUPPLY		Fed by Indoor Unit	220-240v, 50Hz	220-240v, 50Hz	Fed by Indoor Unit	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Cooling (Nominal)	0.76	0.837	1.121	1.45	1.525
STARTING CURRENT (A)		3.6	5	5	6.4	6
SYSTEM RUNNING CURRENT (A)	Cooling [MAX]	3.6 [9.2]	4.31 [13.4]	5.57 [13.4]	6.4 [9.2]	6.65 [19.4]
FUSE RATING (BS88) - HRC (A)		10	16	16	10	25
MAINS CABLE No. Cores		3	3	3	3	3
MAX PIPE LENGTH (m)		20	50	50	20	55
MAX HEIGHT DIFFERENCE (m)		12	30	30	12	30
CHARGE REFRIGERANT (kg) / CO_2 EQUIVALENT (t) - R32 (GWP 675)		0.85 / 0.57 (7m)	2.00 / 1.35 (30m)	2.00 / 1.35 (30m)	0.85 / 0.57 (7m)	2.80 / 1.89 (30m)
MAX ADDITIONAL REFRIGERANT (kg) / CO_2 EQUIVALENT (t) - R32 (GWP 675)		0.13 / 0.09	0.30 / 0.20	0.30 / 0.20	0.13 / 0.09	0.80 / 0.54
ACCESSORIES	Remote Controller	PAR-41MAA	PAR-41MAA	PAR-41MAA	PAR-41MAA	PAR-41MAA

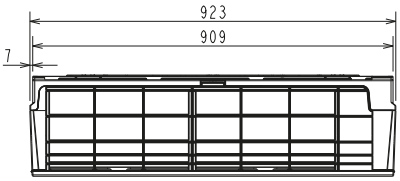
INDOOR UNITS		PCA-M71KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2
CAPACITY (kW)	Cooling (Rated) / Min-Max	6.1 (2.7-6.7)	7.1 (3.3-8.1)	9.5 (4.9-11.4)	9.5 (4.9-11.4)
SHF (Rated)		0.86	0.9	0.86	0.86
EER (Rated)		4.1	4	4.1	4.1
SEER (BS EN14825)		6.5	6.6	6.4	6.3
ErP ENERGY EFFICIENCY CLASS	Cooling	A++	A++	A++	A++
AIRFLOW (l/s)	Cooling - (Lo-Mi2-Mi1-Hi)	267-283-300-333	367-400-433-467	383-417-450-483	383-417-450-483
PIPE SIZE MM (in)	Gas	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
SOUND PRESSSURE LEVEL (dBA)	Cooling - (Lo-Mi2-Mi1-Hi)	35-37-39-41	37-39-41-43	39-41-43-45	39-41-43-45
SOUND POWER LEVEL (dBA)		62	63	65	65
DIMENSIONS (MM)	Width x Depth x Height	1280-680-230	1600-680-230	1600-680-230	1600-680-230
WEIGHT (KG)		32	37	38	38
ELECTRICAL SUPPLY		Fed by Outdoor	Fed by Outdoor	Fed by Outdoor	Fed by Outdoor
FUSE RATING (BS88) - HRC (A)		6	6	6	6
INTERCONNECTING CABLE No. CORES		4	4	4	4
OUTDOOR UNITS		**PUZ-ZM60VHA2**	**PUZ-ZM71VHA2**	**PUZ-ZM100VDA**	**PUZ-ZM100YDA**
SOUND PRESSSURE LEVEL (dBA)	Cooling	47	47	44	44
SOUND POWER LEVEL (dBA)	Cooling	67	67	63	63
WEIGHT (KG)		67	67	107	114
DIMENSIONS (MM)	Width x Depth x Height	950 x 300 + 25 x 943	950 x 300 + 25 x 943	1100 x 460 + 45 x 870	1100 x 460 + 45 x 870
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	380-415v, 50Hz
PHASE		Single	Single	Single	Three
SYSTEM POWER INPUT (kW)	Cooling (Nominal)	1.487	1.775	2.318	2.318
STARTING CURRENT (A)		6	6	11.9	3.5
SYSTEM RUNNING CURRENT (A)	Cooling [MAX]	6.48 [19.4]	7.81 [19.4]	10.06 [27.3]	3.36 [8.8]
FUSE RATING (BS88) - HRC (A)		25	25	32	16
MAINS CABLE No. Cores		3	3	3	5
MAX PIPE LENGTH (m)		55	55	100	100
MAX HEIGHT DIFFERENCE (m)		30	30	30	30
CHARGE REFRIGERANT (kg) / CO_2 EQUIVALENT (t) - R32 (GWP 675)		2.80 / 1.89 (30m)	2.80 / 1.89 (30m)	3.60 / 2.43 (40m)	3.60 / 2.43 (40m)
MAX ADDITIONAL REFRIGERANT (kg) / CO_2 EQUIVALENT (t) - R32 (GWP 675)		0.80 / 0.54	0.80 / 0.54	0.24 / 1.62	0.24 / 1.62
ACCESSORIES	Remote Controller	PAR-41MAA	PAR-41MAA	PAR-41MAA	PAR-41MAA

MSY-TP35/50VF DIMENSIONS

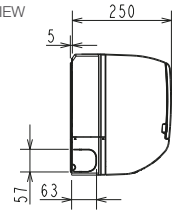
FRONT VIEW



UPPER VIEW

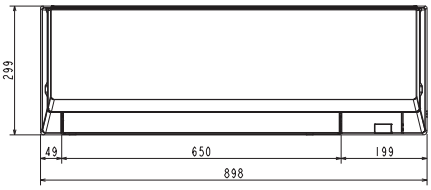


SIDE VIEW

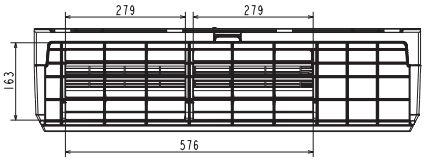


PKA-M50LA2 DIMENSIONS

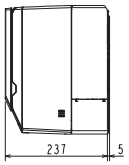
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UPPER VIEW

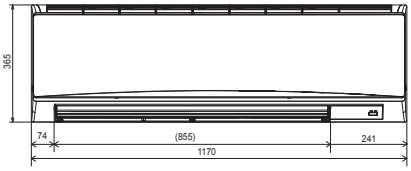


SIDE VIEW

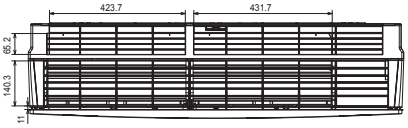


PKA-M60/71KA2 DIMENSIONS

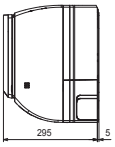
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UPPER VIEW

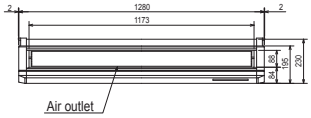


SIDE VIEW

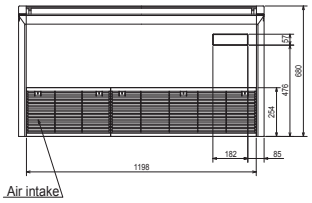


PCA-M71KA2 DIMENSIONS

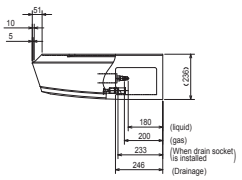
FRONT VIEW



UPPER VIEW

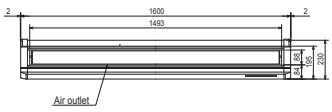


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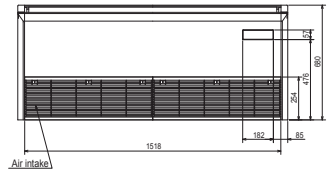


PCA-M100/125KA2 DIMENSIONS

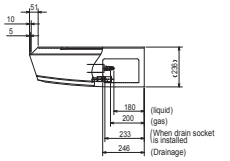
FRONT VIEW



UPPER 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 September 2025

Green Gateway greengateway.mitsubishielectric.co.uk