

High SHF Combinations

Mr.SLIM™ Mseries

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



Key Features & Benefits:

- High sensible heat ratio offers a lower system running cost
- 'Backup and rotate' feature reduces load on individual units and prevents downtime (requires PAR-41MAA controller)
- High off-coil temperature minimises moisture in the air - ideal for applications such as computer rooms
- Flush-to-wall design, for simple installation

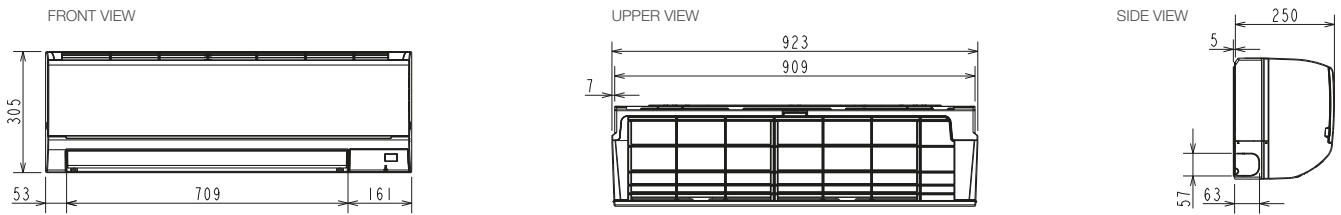




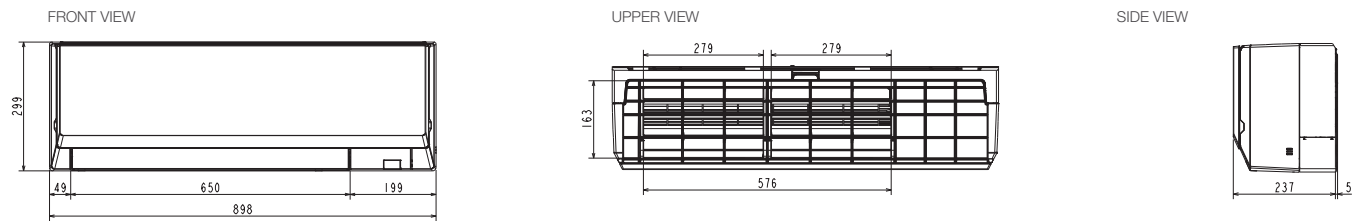
INDOOR UNITS		MSY-TP35VF	PKA-M50LA2	PKA-M60KA2	MSY-TP50VF	PKA-M71KA2
CAPACITY (kW)	Cooling (Rated) / Min-Max	3.5 (1.5-4.0)	3.6 (1.6-4.5)	4.6 (2.3-5.6)	5.0 (1.5-5.7)	6.1 (2.7-6.7)
SHF (Rated)		0.98	0.86	0.91	0.82	0.9
EER (Rated)		4.61	4.3	4.1	3.45	4
SEER (BS EN14825)		9	6.4	6.6	8	6.8
ErP ENERGY EFFICIENCY 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 PRESSURE 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 PRESSURE 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 x 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	Cooling (Nominal) kW	0.76	0.837	1.121	1.45	1.525
STARTING CURRENT	A	3.6	5	5	6.4	6
SYSTEM RUNNING CURRENT	Cooling (MAX) A	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)	2.0 / 1.35 (30m)	2.0 / 1.35 (30m)	0.85 / 0.57 (7m)	2.8 / 1.89 (30m)
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675)		0.13 / 0.09	0.3 / 0.20	0.3 / 0.20	0.13 / 0.09	0.8 / 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 PRESSURE 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-ZM100VKA2	PUZ-ZM100YKA2
SOUND PRESSURE LEVEL (dBA)	Cooling	47	47	49	49
SOUND POWER LEVEL (dBA)	Cooling	67	67	69	69
WEIGHT (KG)		67	67	105	111
DIMENSIONS (MM)	Width x Depth x Height	950 x 300 x 25 x 943	950 x 300 x 25 x 943	1050 x 300 x 40 x 1338	1050 x 300 x 40 x 1338
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	380-415v, 50Hz
PHASE		Single	Single	Single	Three
SYSTEM POWER INPUT	Cooling (Nominal) kW	1.487	1.775	2.317	2.317
STARTING CURRENT	A	6	6	13	13
SYSTEM RUNNING CURRENT	Cooling (MAX) A	6.48 (19.4)	7.81 (19.4)	10.45 (27.1)	5.45 [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)		2.8 / 1.89 (30m)	2.8 / 1.89 (30m)	3.6 / 2.43 (40m)	3.6 / 2.43 (40m)
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675)		0.8 / 0.54	0.8 / 0.54	0.24 / 1.62	0.24 / 1.62
ACCESSORIES	Remote Controller	PAR-41MAA	PAR-41MAA	PAR-41MAA	PAR-41MAA

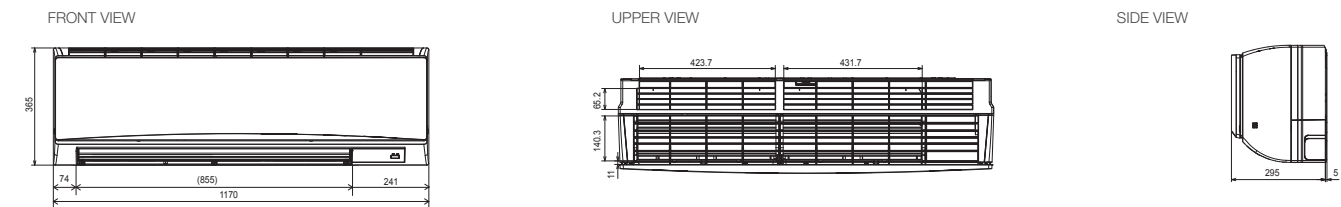
MSY-TP35/50VF DIMENSIONS



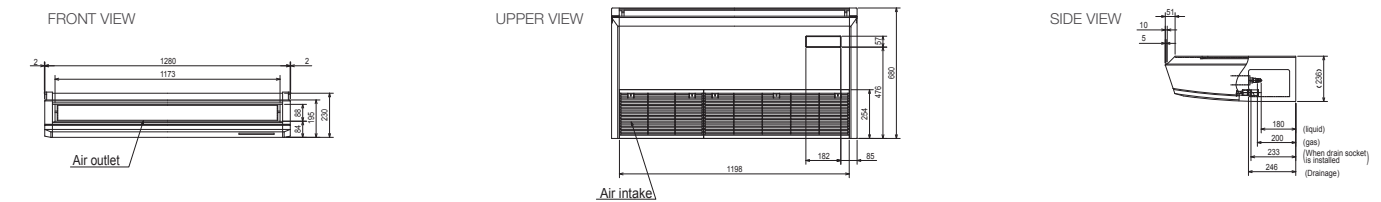
PKA-M50LA2 DIMENSIONS



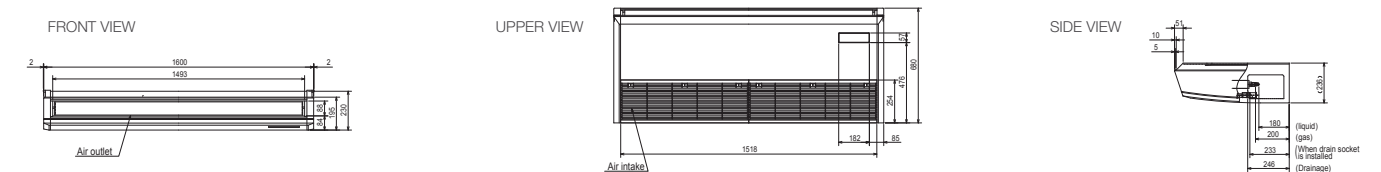
PKA-M60/71KA2 DIMENSIONS



PCA-M71KA2 DIMENSIONS



PCA-M100/125KA2 DIMENSIONS



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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), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *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).

Effective as of January 2023

