

Air Conditioning

Product Information

MSY-TP R32
High SHF Wall Mounted System
Inverter Heat Pump (Cooling Only)

Making a
World of
Difference

M series



The M Series **MSY-TP R32** High SHF wall mounted system blends energy efficiency with a modern white design. This cooling only unit has a high sensible cooling capacity, making it ideal for small computer rooms or areas that require a greater degree of sensible cooling. The MSY-TP also utilises low GWP R32 refrigerant.

Key Features

- Compact and stylish white design
- High sensible cooling ability
- Highly energy efficient, utilising low GWP R32 refrigerant
- Built in connection to our optional Wi-Fi interface, enabling control and monitoring using a smart phone, tablet or PC via the MELCloud app
- Weekly timer provides greater control of scheduling
- Cooling down to -25°C outdoor air temperature



Cooling | Heating | Ventilation | Controls

R32

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MSY-TP - INDOOR UNITS		MSY-TP35VF	MSY-TP50VF
CAPACITY (kW)	Cooling (nominal) Cooling (UK)	3.5 (1.5-4.0) 3.47 (1.48-3.96)	5.0 (1.5-5.7) 4.96 (1.48-5.65)
SHF (nominal)		0.98	0.82
EER (nominal)		4.61	3.45
SEER (BS EN14825)		9.00	8.00
EP ENERGY EFFICIENCY CLASS	Cooling	A+++	A++
AIRFLOW (l/s)	Cooling - Lo-Mi-Hi-SHi	168-193-228-273	168-193-228-273
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")
	Liquid	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA)	Cooling - Lo-Mi-Hi-SHi	31-36-40-45	31-36-40-45
SOUND POWER LEVEL (dBA)		60	60
DIMENSIONS (mm)	Width x Depth x Height	923 x 250 x 305	923 x 250 x 305
WEIGHT (kg)		12.5	12.5
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz
FUSE RATING (BS88) - HRC (A)		10	10
INTERCONNECTING CABLE No. CORES		4	4

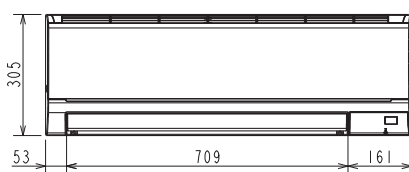
MUY-TP - OUTDOOR UNITS		MUY-TP35VF	MUY-TP50VF
SOUND PRESSURE LEVEL (dBA)	Cooling	45	47
SOUND POWER LEVEL (dBA)	Cooling	58	61
WEIGHT (kg)		34	34
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 550	800 x 285 x 550
ELECTRICAL SUPPLY		Fed by Indoor Unit	Fed by Indoor Unit
PHASE		Single	Single
SYSTEM POWER INPUT (kW)	Cooling (nominal)	0.76	1.45
	Cooling (UK)	0.64	1.12
STARTING CURRENT (A)		3.6	6.4
SYSTEM RUNNING CURRENT (A)	Cooling [MAX]	3.6 [9.2]	6.4 [9.2]
FUSE RATING (BS88) - HRC (A)		10	10
MAINS CABLE No. CORES		3	3
MAX PIPE LENGTH (m)		20	20
MAX HEIGHT DIFFERENCE (m)		12	12
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)		0.85 / 0.57	0.85 / 0.57
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)		0.13 / 0.09	0.13 / 0.09

Notes: The SHF figures are based on nominal conditions. Requires an additional MAC-334IF-E interface and PAR-40MAA wired remote controller

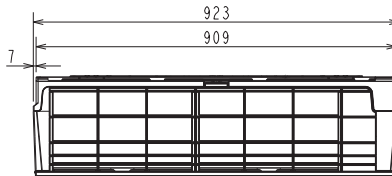
PRODUCT DIMENSIONS

MSY-TP35/50VF

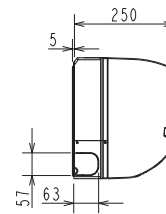
Front View



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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