

# SFZ-M R32

## Floor Mounted Concealed System

Standard Inverter Heat Pump (Single Phase)

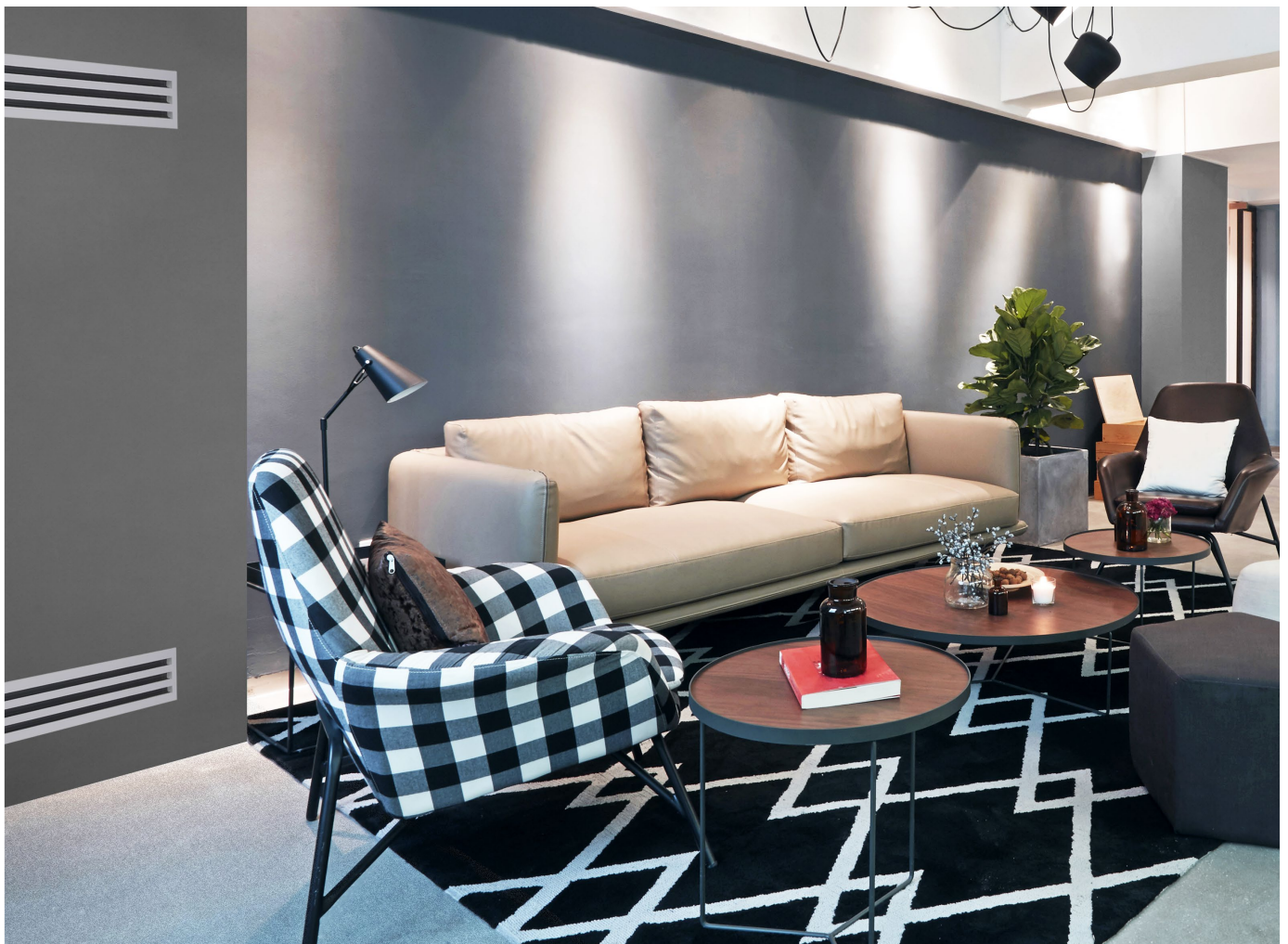
Mr.SLIM™

The **SFZ-M** is a compact concealed unit providing simple, effective air conditioning for perimeter zones in offices, restaurants and retail premises. The unit is easy to install at floor level and, with a depth of only 200mm, offers an unobtrusive method of delivering highly efficient air conditioning performance.

**R32** INVERTER

### Key Features & Benefits:

- Compact unit allowing for concealed installation within a wall or under a window
- Ideal for perimeter refurbishments and new build projects
- Low static pressure level resulting in noise reduction
- 0-25-40-60Pa static pressure settings available, for flexibility of design and installation
- Capacity range from 2.5kW~7.1kW for flexibility of project design

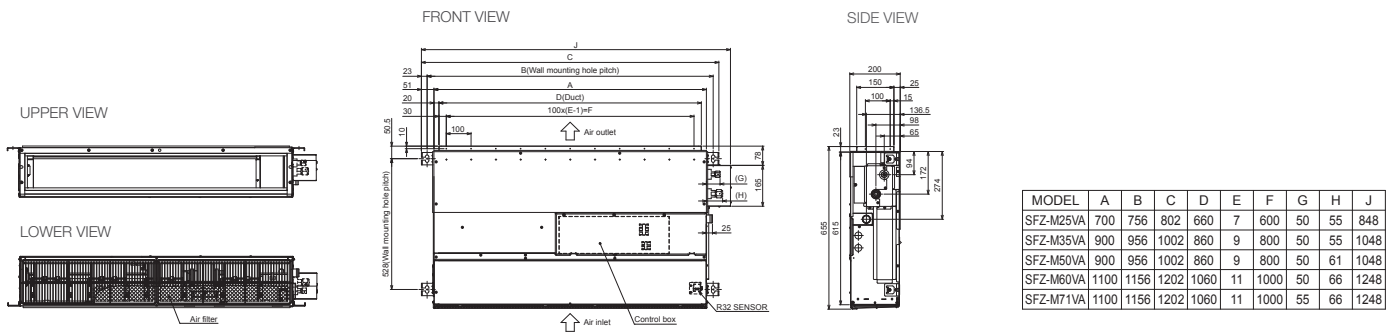




SFZ-M INDOOR UNITS		SFZ-M25VA	SFZ-M35VA	SFZ-M50VA	SFZ-M60VA	SFZ-M71VA
CAPACITY (kW)	Heating (nominal)	3.2 (1.2-4.2)	4.1 (1.0-5.0)	6.0 (1.5-7.2)	7.0 (1.6-8.0)	8.0 (2.0-10.2)
	Cooling (nominal)	2.5 (1.5-3.2)	3.5 (0.7-3.9)	5.0 (1.1-5.6)	6.1 (1.6-6.3)	7.1 (1.9-8.1)
	Heating (UK)	2.47 (1.11-3.57)	3.57 (0.94-4.25)	5.10 (1.28-6.12)	6.29 (1.36-6.80)	6.80 (1.70-8.67)
	Cooling (UK)	2.30 (1.29-2.94)	3.22 (0.64-3.59)	4.60 (1.01-5.15)	5.61 (1.47-5.80)	6.53 (2.02-7.45)
SHF (nominal)		0.84	0.78	0.76	0.75	0.74
COP / EER (nominal)		3.61 / 3.90	3.90 / 3.50	3.71 / 3.40	3.71 / 3.30	3.71 / 3.30
SCOP / SEER (BS EN14825)		4.00 / 6.10	4.10 / 6.10	4.10 / 6.10	4.20 / 6.10	4.00 / 6.10
ERP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A++	A+ / A++	A+ / A++	A+ / A++	A+ / A++
AIRFLOW (l/s)	Lo-Mi-Hi	92-117-150	117-150-183	167-208-250	200-250-300	200-267-333
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")	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")
EXTERNAL STATIC PRESSURE (Pa)		0-25-40-60	0-25-40-60	0-25-40-60	0-25-40-60	0-25-40-60
SOUND PRESSURE Level (dBA)	Lo-Mi-Hi	25-29-35	25-29-33	30-35-39	30-35-39	30-36-42
SOUND POWER LEVEL (dBA)		54	53	59	59	61
DIMENSIONS (mm)	Width x Depth x Height	700 x 200 x 615	900 x 200 x 615	900 x 200 x 615	1100 x 200 x 615	1100 x 200 x 615
WEIGHT (kg)		19	22.5	22.5	26	26
ELECTRICAL SUPPLY		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
INTERCONNECTING CABLE No. Cores		4	4	4	4	4
WIRED REMOTE CONTROLLER REFERENCE		PAR-41MAA	PAR-41MAA	PAR-41MAA	PAR-41MAA	PAR-41MAA

SUZ-M OUTDOOR UNITS		SUZ-M25VAR2	SUZ-M35VAR2	SUZ-M50VAR2	SUZ-M60VAR2	SUZ-M71VAR1
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	45 / 46	48 / 48	48 / 49	49 / 51	49 / 51
SOUND POWER LEVEL (dBA)	Heating/Cooling	59	59	64	65	66
WEIGHT (kg)		30	35	41	54	55
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 550	800 x 285 x 550	800 x 285 x 714	840 x 330 x 880	840 x 330 x 880
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.886 / 0.641	1.051 / 1.00	1.617 / 1.47	1.886 / 1.848	2.156 / 2.151
	Heating/Cooling (UK)	0.75 / 0.55	0.89 / 0.86	1.37 / 1.26	1.60 / 1.59	1.83 / 1.85
STARTING CURRENT (A)		3.1	5.0	5.7	7.6	10.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	3.7 / 3.0 [6.8]	5.0 / 4.1 [8.5]	8.0 / 7.1 [13.5]	9.3 / 8.4 [14.8]	9.5 / 9.1 [14.8]
FUSE RATING (BS88) - HRC (A)		10	16	20	20	20
MAINS CABLE No. CORES		3	3	3	3	3
MAX PIPE LENGTH (m)		20	20	30	30	30
MAX HEIGHT DIFFERENCE (m)		12	12	30	30	30
CHARGE REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (t) - R32 (GWP 675) - 7m		0.65 / 0.44	0.90 / 0.61	1.20 / 0.81	1.25 / 0.84	1.45 / 0.98
MAX ADDITIONAL REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (t) - R32 (GWP 675)		0.91 / 0.61	1.16 / 0.78	1.66 / 1.12	1.71 / 1.15	2.37 / 1.60

### SFZ-M25/35/50/60/71VA DIMENSIONS



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Note: Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'. 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), 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 April 2023



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