SFZ-M R32 Floor Mounted System

Standard Inverter Heat Pump
(Single Phase)

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 and with a depth of only 200mm, offers an unobtrusive method of delivering highly efficient air conditioning performance.

Key Features & Benefits

- Compact unit allowing for concealed installation
- Low static pressure level resulting in noise reduction
- Ideal for perimeter refurbishments and new build projects
- 0-25-40-60Pa static pressure settings available, for flexibility of design and installation

R32











SFZ-M - INDOOR UNITS		SFZ-M25VA2	SFZ-M35VA2	SFZ-M50VA2	SFZ-M60VA2	SFZ-M71VA2
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-42MAAB	PAR-42MAAB	PAR-42MAAB	PAR-42MAAB	PAR-42MAAB

SUZ-M - OUTDOOR UNITS		SUZ-M25VA2	SUZ-M35VA2	SUZ-M50VA2	SUZ-M60VA2	SUZ-M71VA2
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	53	54
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_2 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_2 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

Accessories

Outdoor Units

MAC-881SG

Air outlet guide for SUZ-M25-35VA2

MAC-882SG

Air outlet guide for SUZ-M50VA2

MAC-890SG-E

Air outlet guide for SUZ-M60VA2 / SUZ-M71VA2

System Control Units

PAC-SA89TA

Remote on/off adaptor (3 wire adaptor)

PAC-SA88HA

Run/fault adaptor (5 wire adaptor)

PAC-SE42TS-E

Remote sensor

PAR-CT01MAA-SB/PB

Touch screen wired remote controller (PB=Premium Finish)

PAR-42MAAB/MAAPB

Standard wired remote controller (MAAPB = Black Finish)

PAR-334IF-E

Interface for M-NET, MA remote controller (PAR-42MAAB / PAR-CT01MAA), on/off input and run/fault output

MAC-497IF-E

Interface for MA remote controller (PAR-42MAAB / PAR-CT01MAA)

MAC-597IF-E

Interface for Wi-Fi connection to MELCloud Home service

MELCOBEMS MINI (A1M+)

Modbus and BACnet MSTP CN105 adaptor

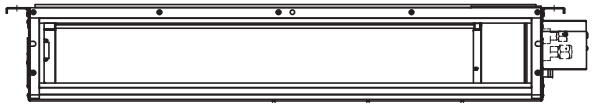
MELCORETAIL MINI

Retail control and input / output interface

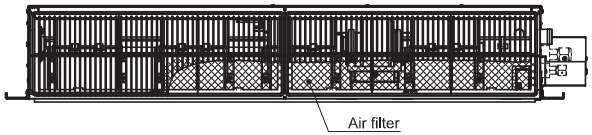
Note: Please see page 1.3.66 for the full range of accessories.

Product Dimensions SFZ-M25/35/50/60/71VA2

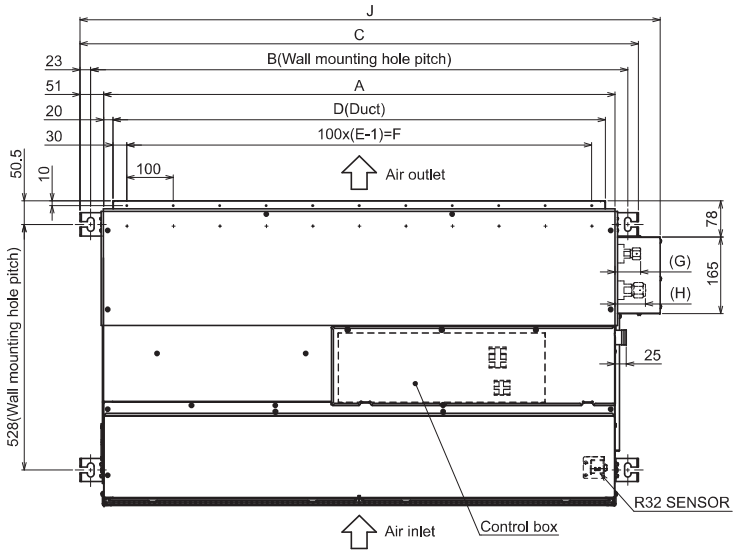
Upper View



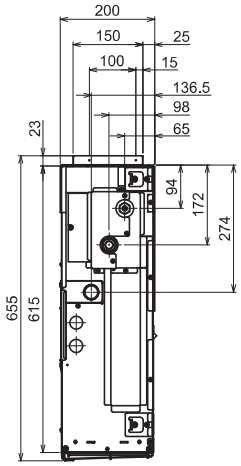
Lower View



Front View



Side View



MODEL	A	B	C	D	E	F	G	H	J
SFZ-M25VA2	700	756	802	660	7	600	50	55	848
SFZ-M35VA2	900	956	1002	860	9	800	50	55	1048
SFZ-M50VA2	900	956	1002	860	9	800	50	61	1048
SFZ-M60VA2	1100	1156	1202	1060	11	1000	50	66	1248
SFZ-M71VA2	1100	1156	1202	1060	11	1000	55	66	1248