



Multizone + Ducted 1 Drive 3

Indoor model	MTIU-09HWFN1-M*3
Outdoor code	2.20223E+13
Outdoor model	M3OF-27HFN1-M

Submittal Data Sheet

Power Supply: 208~230 V

Capacity: 28000 Btu/h



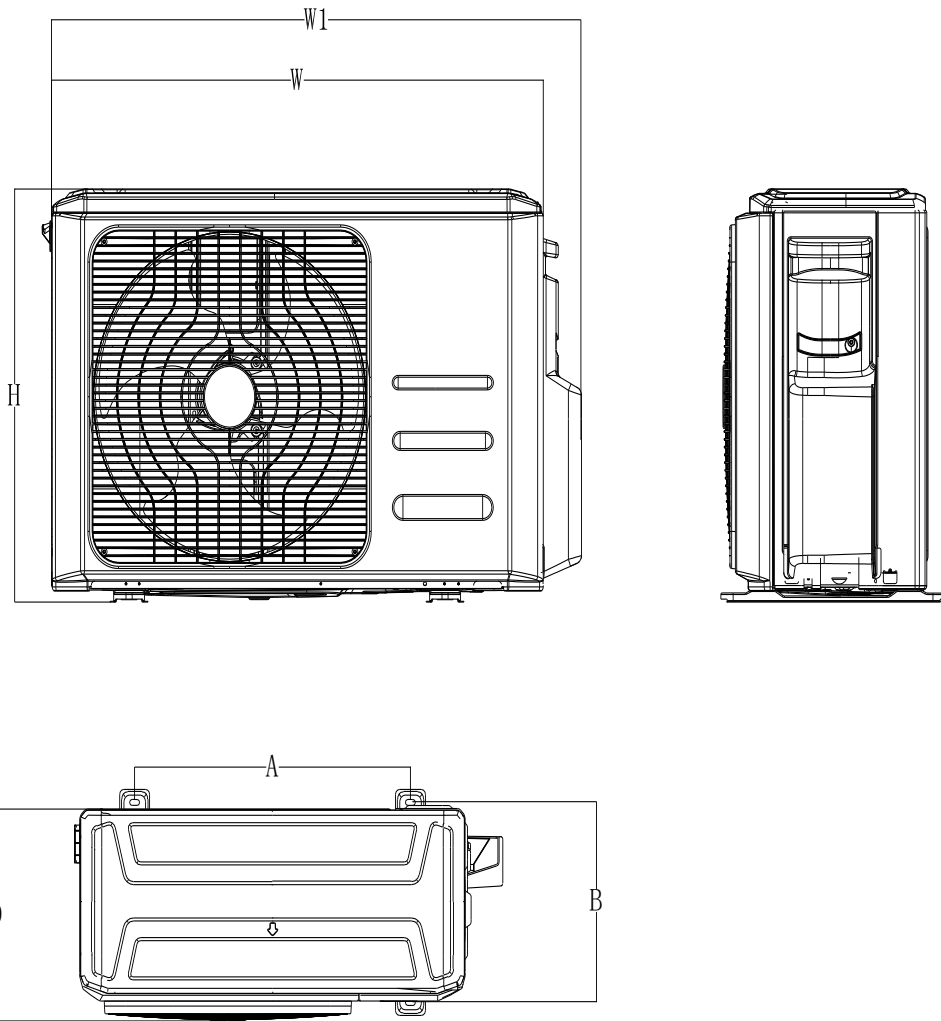
PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V ~ 60Hz , 1Ph
Cooling		
Capacity	Btu/h	28000
Input	W	2545
Rated current	A	11.1
EER	Btu/w	11
SEER	Btu/w	21
Heating		
Capacity	Btu/h	28000
Input	W	2261
Rated current	A	9.8
COP	W/W	3.63
HSPF4		10
HSPF5		8.5
Electrical		
MINIMUM CIRCUIT AMPACITY	A	25.0
MAX. FUSE	A	35.0
Connection wiring		16*4 AWG
Compressor		
Model		ATF235D22UMT
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	24345
Input	W	1970
Rated current(RLA)	A	20
Locked rotor Amp(LRA)	A	---
Thermal protector		---
Thermal protector position		---
Refrigerant oil/oil charge	ml	VG74/670
Operation temperature		
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	-13~122/ -13~86
Application area	sq.ft	387-564

OUTDOOR UNIT DATA

Outdoor fan motor		
Model		ZKFN-120-8-2
Type		DC
Input		150.0
RLA	A	1.39
Speed	r/min	900/750/600
Air flow & Noise level		
Outdoor air flow	CFM	2129.41
Outdoor noise level	dB(A)	63.4
Outdoor unit		
Dimension(W*D*H)	inch	37.24x16.14x31.89
Packing (W*D*H)	inch	42.91x19.69x34.06
Net/Gross weight	lbs.	149.91/160.94
SYSTEM DATA		
Design pressure	PSIG	550/340
Refrigerant type	oz	R410A/98.8
Refrigerant precharge	ft	74
Additional charge per ft.	oz	0.16 for 1/4" liquid pipe 0.32 for 3/8" liquid pipe
Liquid side/ Gas side	mm(inch)	3 X Φ6.35/Φ 9.52(1/4"/3/8")
Max. length for all rooms	ft	197
Max. length for one indoor unit	ft	98
Max. height difference between indoor and outdoor unit	ft	49
Max. height difference between indoor units	ft	33

OUTDOOR UNIT



Model	W (inch)	D (inch)	H (inch)	W1inch)	A(inch)	B (inch)
M3OF-27HFN1-M	37.24	16.54	31.89	40.55	26.5	15.9