



THERMOFLUX Multi Zone Ductless Mini Split System-R454b

SUBMITTAL DATA SHEET

Job Name _____
 Buyer _____
 Submitted to _____
 Unit Designation _____

Location _____
 Engineer _____
 Reference Approval Construction
 Schedule # _____

AHRI #	
Outdoor Model #	TMFX18HEI2NASOU25
Indoor Type	Non-Ducted TMF09HEI2NAO0T24-IN Ducted Mix
Certification	ETL AHRI 218082704 Energy Star NEEP

(Actual equipment appearance may vary)

Outdoor Unit Dimension								
Model	Outdoor Unit (inch/mm)							
H27FMH22XPC	D	E	F	G	H	I	J	K

18,000 BTU Three ZONE Condenser Combinations:				
Two Units		Three Units		
6+9	9+12	6+6+6	6+9+12	9+9+12
6+12	9+18	6+6+9	6+9+18	9+9+18
6+18	12+12	6+6+12	6+12+12	9+12+12
9+9	12+18	6+6+18	6+12+18	12+12+12
		6+9+9	9+9+9	



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SYSTEM PERFORMANCE DATA		
Power supply		208/230 / 1 / 60
Voltage Range (Min - Max)	V	175 - 265
Electrical		
Min. Circuit Ampacity - MCA	A	18
Max. FUSE Size	A	30
Cooling Capacity (Min - Max)	BTU/h	20,000 (4,500~31,000)
Rated Input Power	W	1,395
Rated Current	A	6.0
Heating Capacity (Min - Max)	BTU/h	20,000 (4,500~33,000)
Rated Input Power	W	1,395
Rated Current	A	6.2

REFRIGERANT PIPING DATA		
Refrigerant Type / Charged	oz	R454B/77.6
Pre-Charge Length Total	ft (m)	74(22.5)
Design Pressure	PSIG	725
Line Set Sized (Liquid - Gas)	in	3 X (1/4 - 3/8)
Add. Charge - Φ6.35 (1/4)	oz/ft	0.11
Add. Charge - Φ9.52 (3/8)	oz/ft	0.22
Line Set Length (Max) - Each	ft (m)	98 (30)
Line Set Length (Max) - Total	ft (m)	197 (60)
Max. Line Set Height Difference Btwn. ODU & Furthest IDU	ft (m)	49 (15)
Max. Line Set Height Difference Btwn. IDUs	ft (m)	33(10)
Connection method		Threaded Connection
Throttle Type		Capillary + EXV

OUTDOOR UNIT DATA		
Compressor Type		INVERTER, DC
Brand & Model		GMCC/KTM240D43UMT
Input	W	2,065
Rated current (RLA)	A	9.4
Refrigerant Oil / Charge	ml	620
Motor Type		
		DC
Brand & Model		DAYANG/ZW511B500077
Input	W	85
Speed	r/min	850
Performance		
Air Flow (Max)	CFM	1,647
Sound Pressure Level	dB(A)	62
Unit Data		
External Dimensions (W x H x D)	in	38.5 x 31.6 x 16.6
	mm	978 x 803 x 421
Package Dimensions (W x H x D)	in	40.2 x 32.9 x 18.9
	mm	1,022 x 835 x 480
Weight (Net / Gross)	lbs (kgs)	119/126 (54/ 57)
Temperature Range		
Outdoor Cooling Range	°F (°C)	5~131(-5~55)
Outdoor Heating Range	°F (°C)	-22~75(-30~24)

SYSTEM PERFORMANCE DATA					
SEER2 (Non-Ducted)	27	SEER2 (Ducted)	/	MIX SEER2	/
EER2 (Non-Ducted)	15	EER2 (Ducted)	/	MIX EER2	/
HSPF2-4 (Non-Ducted)	10	HSPF2-4 (Ducted)	/	MIX HSPF2-4	/
COP (Non-Ducted)	4.4	COP (Ducted)	/	MIX COP	/