

Technical Data Sheet



WALL MOUNTED **HEAT PLUS** DUCTLESS MINI SPLIT UNIT

MODEL # ZEN-WM12HPP23S

Project name : _____
 Project location : _____
 Engineer (name) : _____
 Contractor (name) : _____

- Approved
- Approved as Noted
- Correct & Resubmit
- Rejected

General Features :

1. Low Ambient Cooling 0° F
2. Inverter Compressor
3. Inverter Condenser Fan
4. 2D Indoor Unit Air Supply
5. Intelligent Defrost
6. Led Display
7. Blue Fins Condenser



PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V/1Ph/60Hz
Cooling		
Capacity	Btu/h	12000
Input	W	923
Rated current	A	2.5
EER	Btu/w	13
SEER	Btu/w	22
Heating at 47 °F		
Capacity	Btu/h	12000
Input	W	978
Rated current	A	4.25
COP	W/W	3.60
HSPF4		12.7
HSPF5		10.8
Electrical		
MINIMUM CIRCUIT AMPACITY	A	9
MAX. FUSE	A	15
Connection wiring		16*4 AWG
Compressor		
Model		ATM115D43UF22
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	11430
Input	W	870

Rated current (RLA)	A	5.65
Locked rotor Amp (LRA)	A	---
Thermal protector		---
Thermal protector position		---
Refrigerant oil/oil charge	ml	ESTER OIL VG74/500

SYSTEM DATA

Design pressure	PSIG	550/340
Refrigerant type	oz	R410A/41.62
Refrigerant precharge	ft	25
Additional charge per ft.	oz	0.16
Liquid side/ Gas side	mm (in)	Ø6.35/Ø12.7 (1/4"/1/2")
Max. refrigerant pipe length	ft.	82
Max. difference in level	ft.	32.8

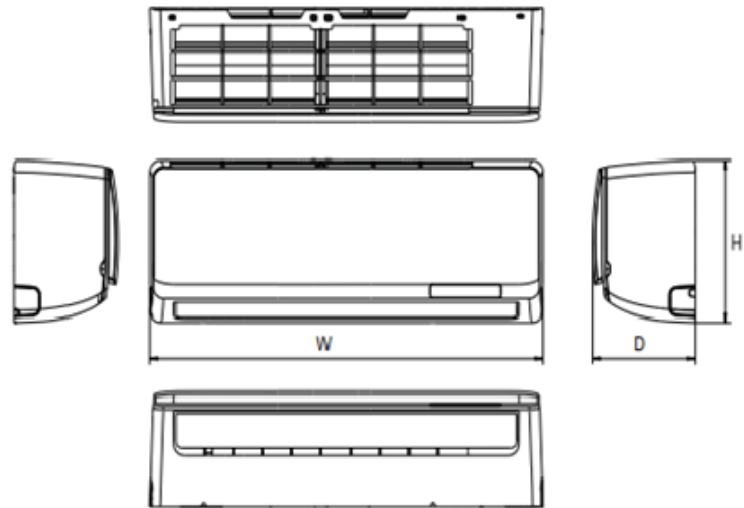
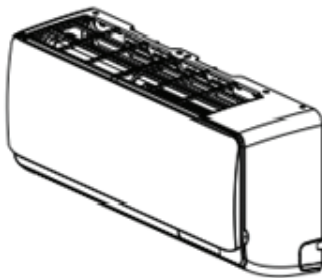
OUTDOOR UNIT DATA

Outdoor fan motor		
Model		ZKFN-34-10-1
Type		DC
Input		---

RLA	A	---
LRA	A	---
Winding Resistance	Ω	---
Capacitor	μ F	---
Speed	r/min	850/680/450
Air flow & noise level		
Outdoor air flow	CFM	1323.50
Outdoor noise level	dB(A)	56
Outdoor unit		
Dimension (W*D*H)	inch	31.69x12.99x21.81
Packing (W*D*H)	inch	36.02x14.57x24.21
Net/Gross weight	lbs	73.63/79.37
Operation temperature		
Indoor (cooling/heating)	Deg. F	62~90/32~86
Outdoor (cooling/heating)	Deg. F	-22~ 122/-22~ 86
Application area	sq. ft	172-247

INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-13-8-4
Type		Cross-Flow
Input		---
RLA	A	---
LRA	A	---
Winding Resistance	Ω	---
Capacitor	μ F	---
Speed(Hi/Mi/Lo)	r/min	1250/950/750
Air flow & noise level		
Indoor air flow (Hi/Lo)	CFM	291.18/194.12/152.94
Indoor noise level (Hi/Lo)	dB(A)	41.5/36/24
Indoor unit		
Dimension (W*D*H)	inch	31.57x7.87x11.61
Packing (W*D*H)	inch	34.45x11.22x14.96
Net/Gross weight	lbs	18.74/24.25



INDOOR UNIT

Model	W (inch)	D (inch)	H (inch)
ZEN-WM12HPP23S / I	38.23	8.98	12.64

OUTDOOR UNIT

