

# Technical Data Sheet



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

MODEL # ZEN-WM18HPP23S

Project name : \_\_\_\_\_

Project location : \_\_\_\_\_

Engineering (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
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Cooling		
Capacity	Btu/h	18000
Input	W	1360
Rated current	A	8.9
EER	Btu/w	13
SEER	Btu/w	21.5

Heating at 47°F		
Capacity	Btu/h	18000
Input	W	1385
Rated current	A	9.2
COP	W/W	3.35
HSPF4		11
HSPF5		9.2

Electrical		
MINIMUM CIRCUIT AMPACITY	A	18
MAX. FUSE	A	25
Connection wiring		16*4 AWG

Compressor		
Model		ATF235D22UMT
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	24345
Input	W	1970
Rated current (RLA)	A	12.9
Locked rotor Amp (LRA)	A	---
Thermal protector		---



Thermal protector position		---
Refrigerant oil/ oil change	ml	POE(VG74)/670

### SYSTEM DATA

Design pressure	PSIG	550/340
Refrigerant type	oz	R410A/65.2
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.	98
Max. difference in level	ft.	66

### OUTDOOR UNIT DATA

Outdoor fan motor		
Model		ZKFN-80-8-3
Type		DC
Input		115

RLA	A	---
LRA	A	---
Winding Resistance	$\Omega$	---
Capacitor	$\mu$ F	---
Speed	r/min	810/720

**Air flow & noise level**

Outdoor air flow	CFM	1764.70
Outdoor noise level	dB(A)	59

**Outdoor unit**

Dimension (W*D*H)	inch	35.04x13.46x26.50
Packing (W*D*H)	inch	39.17x15.67x29.13
Net/Gross weight	lbs	100.97/108.03

**Operation temperature**

Indoor (cooling/heating)	Deg. F	62~90/32~86
Outdoor (cooling/heating)	Deg. F	-22~122/-22~86
Application area	sq. ft	258-376

**INDOOR UNIT DATA**

**Indoor fan motor**

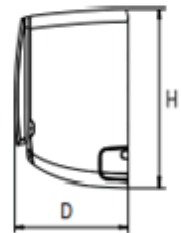
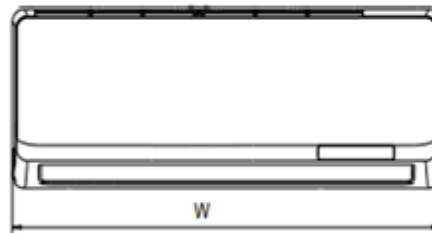
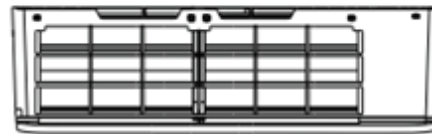
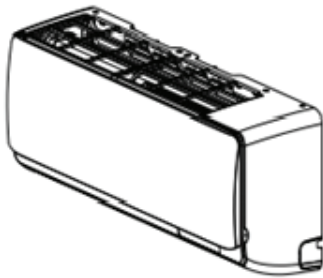
Model		ZKFP-58-8-1-5
Type		Cross-Flow
Input		58.0
RLA	A	---
LRA	A	---
Winding Resistance	$\Omega$	---
Capacitor	$\mu$ F	---
Speed(Hi/Mi/Lo)	r/min	1120/950/700

**Air flow & Noise level**

Indoor air flow (Hi/Lo)	CFM	530.59/458.82/382.35
Indoor noise level (Hi/Lo)	dB(A)	46/40/25

**Indoor unit**

Dimension (W*D*H)	inch	42.64x9.61x13.23
Packing (W*D*H)	inch	45.47x16.34x12.40
Net/Gross weight	lbs	29.54/37.48



**INDOOR UNIT**

Model	W (inch)	D (inch)	H (inch)
ZEN-WM18HPP23S / I	42.6	9.21	13.27

OUTDOOR UNIT

