

# Submittal Data Sheet

Project Name:		Approval:	
Location:		Date:	
Engineer:		Construction:	
Submitted to:		Unit #:	
Submitted by:		Drawing #:	
Reference:			

Model	
Indoor unit model	DHP14-12-12-U
Outdoor unit model	OHP14-12-12-25



**PERFORMANCE DATA**

Power supply	Ph-V-Hz	208-230V,1Ph,60Hz
<b>Cooling</b>		
Capacity	Btu/h	12000
Input	W	960
Rated current	A	4.4

**Heating at 47**

Capacity	Btu/h	12000
Input	W	1065
Rated current	A	4.88
COP	W/W	3.3

**Electrical**

MINIMUM CIRCUIT AMPACITY	A	9
MAX. FUSE	A	15
Connection wiring		14*4 AWG

**Compressor**

Model		ATM115D43UFZ2
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 PSIG
Refrigerant type	oz	R410A/52.9
Refrigerant precharge	ft	25
Additional charge per ft.	oz	0.16
Liquid side/ Gas side	mm(in)	Φ6.35/Φ12.7(1/4"/1/2")
Max. refrigerant pipe length	ft	82
Max. difference in level	ft.	33

**ESP**

ESP range	ln. wg.	0-0.16
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**INDOOR UNIT DATA**

<b>Indoor fan motor</b>		
Model		ZKFN-55-8-22
Type		DC
Input		130.0
RLA	A	1.11
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed(Hi/Mi/Lo)	r/min	1170/1030/850

**Air flow & Noise level**

Indoor air flow (Hi/Lo)	CFM	353/283/177
Indoor noise level (Hi/Lo)	dB(A)	38/26/33.5

**Indoor unit**

Dimension(W*D*H)	inch	27.56x17.72x7.87
Packing (W*D*H)	inch	33.86x21.26x10.83
Net/Gross weight	lbs.	37.5/48.3

**OUTDOOR UNIT DATA**

<b>Outdoor fan motor</b>		
Model		ZKFN-40-8-1L
Type		DC
Input		63
RLA	A	0.38
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed	r/min	810

**Air flow & Noise level**

Outdoor air flow	CFM	1180
Outdoor noise level	dB(A)	57

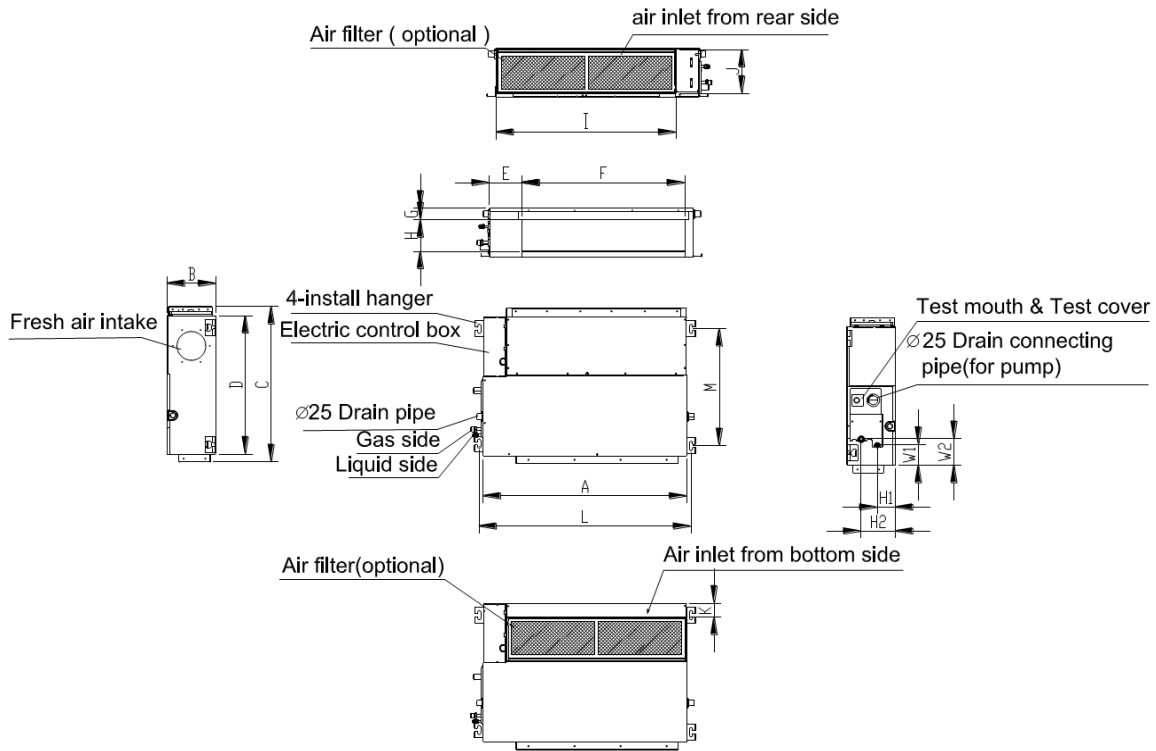
**Outdoor unit**

Dimension(W*D*H)	inch	31.5x13.11x21.81
Packing (W*D*H)	inch	36.22x15.35x24.21
Net/Gross weight	lbs.	88.18/93.7

**Operation temperature**

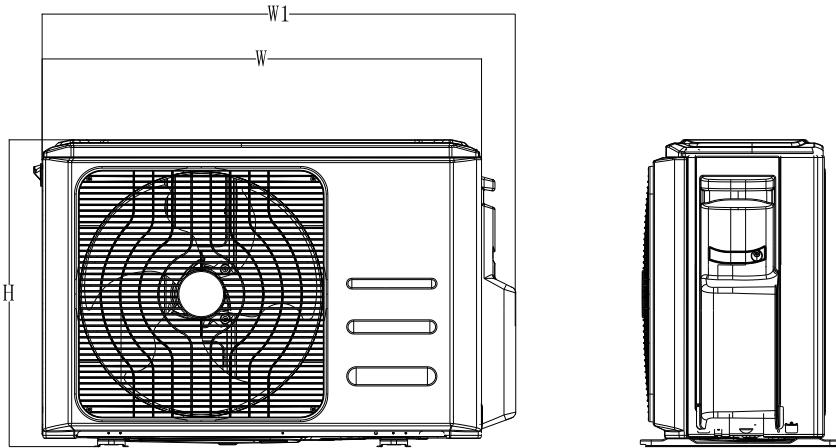
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	-22~122/ -22~86
Application area	sq.ft	172-252

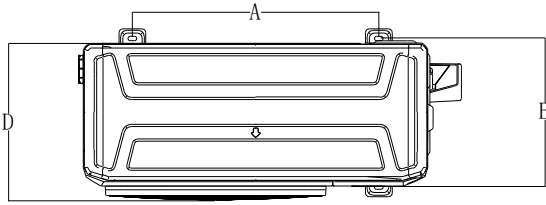
**INDOOR UNIT**



Capacity (Btu)	Outline dimension(mm)				Air outlet opening size				Air return opening size			Size of mounted plug		Size of gas and liquid valve			
	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
12000	700	200	506	450	137	537	30	152	599	186	50	741	360	84	140	84	84

**OUTDOOR UNIT**



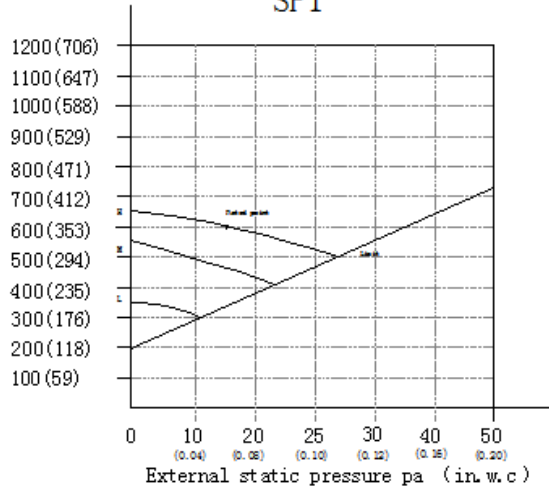


Model	W (inch)	D (inch)	H (inch)	W1 (inch)	A (inch)	B (inch)
OHP14-12-12-25	31.5	13.1	21.8	34.3	20.2	13.4

### MTIU-12HWFN1-M

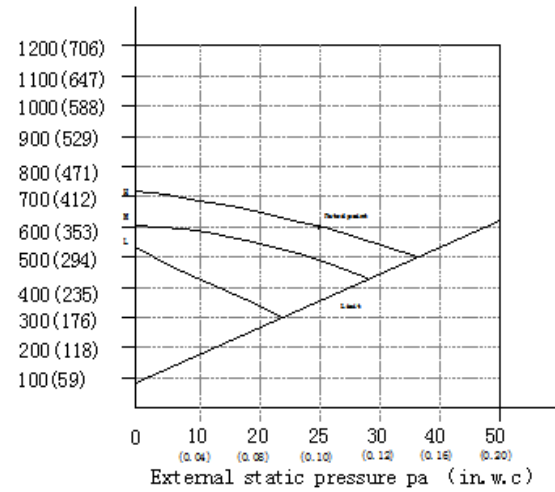
Air volume m<sup>3</sup>/h(CFM)

SP1

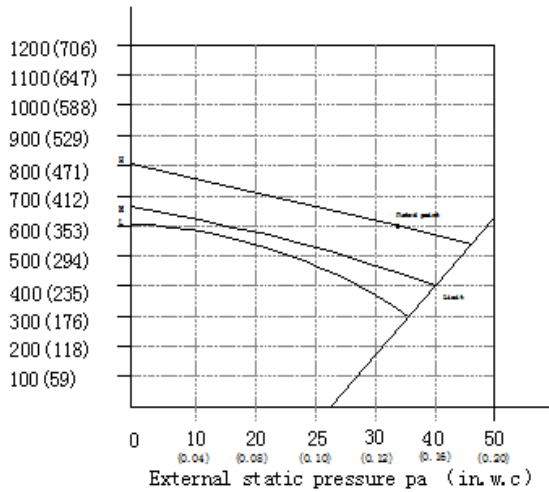


Air volume m<sup>3</sup>/h(CFM)

SP2



Air volume m<sup>3</sup>/h(CFM)



Air volume m<sup>3</sup>/h(CFM)

