

**SUBMITTAL DATA SHEET**



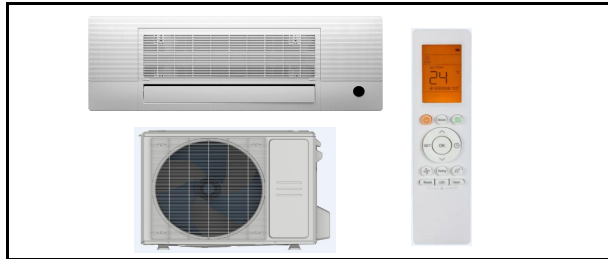
**T1W12P/CZP12CD(O) 12,000 BTU/H(208/230V) Wall Mounted Heat Pump System**

Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____
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**Set Code**  
 Indoor unit code \_\_\_\_\_  
 Outdoor unit code \_\_\_\_\_

**Set Model**  
 Indoor unit model T1W12P  
 Outdoor unit model CZP12CD(O)

**Certified**



**SYSTEM PERFORMANCE DATA**

<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
<b>Electrical</b>		
Minimum circuit ampacity	(A)	13.0
Max.fuse	(A)	15.0
Connection wiring		14*4 AWG
<b>Cooling</b>		
Rated Capacity	(Btu/h)	12000(4000~13200)
Capacity Range	(Btu/h)	12000(4000~13200)
Power Input	(W)	952(160~1200)
Rated current	(A)	4.17(1.26~5.35)
SEER2	(Btu/W)	22.0
EER2	(Btu/W)	12.6
<b>Heating</b>		
Rated Capacity	(Btu/h)	12500(3700~12800)
Capacity Range	(Btu/h)	12500(3700~12800)
Power Input	(W)	1145(300~1240)
Rated current	(A)	4.83(2.37~5.50)
HSPF2-4	(Btu/W)	9.8
HSPF2-5	(Btu/W)	7.5
COP	W/W	3.20
Heat at 17F	(Btu/h)	9000
Heat at 5F	(Btu/h)	7600
COP at 5F	W/W	2.1

**REFRIGERANT PIPE DATA**

Throttle type	Indoor unit	N/A
	Outdoor unit	EXV
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/38.1ozs
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.16
Additional charge for each m	(g/m)	15.0
Liquid side/ Gas side(indoor)	(inch)	1/4" / 1/2"
	(mm)	6.35/12.7
Liquid side/ Gas side(outdoor)	(inch)	1/4" / 1/2"
	(mm)	6.35/12.7
Max. pipe length	(ft)	82.0
	(m)	25.0
Max. difference in level	(ft)	32.8
	(m)	10.0
Connection method		Flared
Indoor(cooling/heating)	(Deg. °F)	60~90/32~86
	(Deg. °C)	16~32/0~30
Outdoor(cooling/heating)	(Deg. °F)	-13~-122/ -13~-75
	(Deg. °C)	-25~-50/ -25~-24

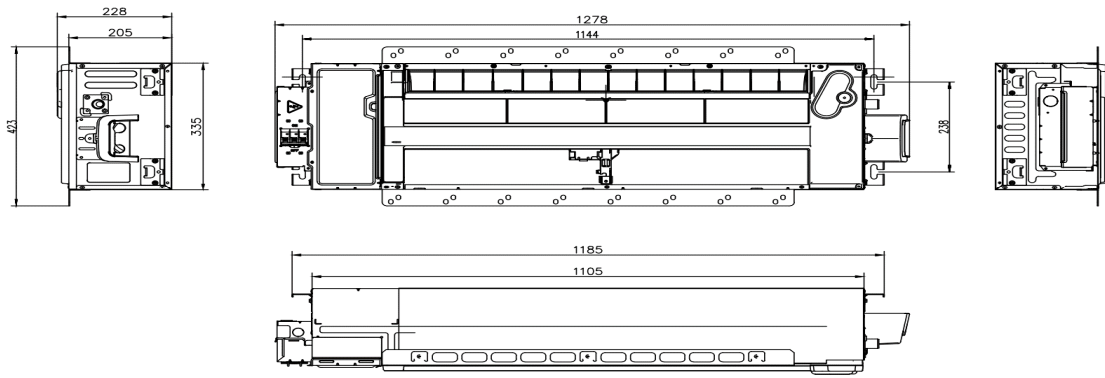
**INDOOR UNIT DATA**

<b>Indoor fan motor</b>		
Type		Centrifugal
Model		ZKFN-30-8-43
Qty		1
Input	(W)	-
Output	(W)	30.0
RLA	(A)	1.0
Speed(Hi/Mi/Lo)	(r/min)	1075/982/797
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	311.76/282.35/247.06
Indoor noise level (Hi/Med/Lo)	[dB(A)]	40.5/38.5/34.5
<b>Dehumidification</b>		
	(Pint/H)	
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	50.31x13.19x8.98
	(mm)	1278x335x228
Packing(WxDxH)	(inch)	57.60x22.48x22.64
	(mm)	1463x571x575
Net/Gross weight	(lbs.)	45.19/82.89
	(kg)	20.5/37.6

**OUTDOOR UNIT DATA**

<b>Compressor</b>		
Type		ROTARY
Model		KSK103D33UEZ3
Brand		GMCC
Capacity	(Btu/h)	11106
Input	(W)	826
Rated current (RLA)	(A)	6.4
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 310
<b>Outdoor fan motor</b>		
Model		ZKFN-34-10-1
Qty		1
Input	(W)	-
Output	(W)	34
RLA	(A)	0.40
Speed	(r/min)	800/600
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	1294
Outdoor noise level	[dB(A)]	2200
<b>Outdoor unit</b>		
Dimension (WxDxH)	(inch)	30.12x11.93x21.85
	(mm)	765x303x555
Packing (WxDxH)	(inch)	34.92x13.27x24.02
	(mm)	887x337x610
Net/ Gross weight	(lbs.)	63.71/69.00
	(kg)	28.9/31.3

Indoor unit dimension



Outdoor unit dimension

