

**SUBMITTAL DATA SHEET**

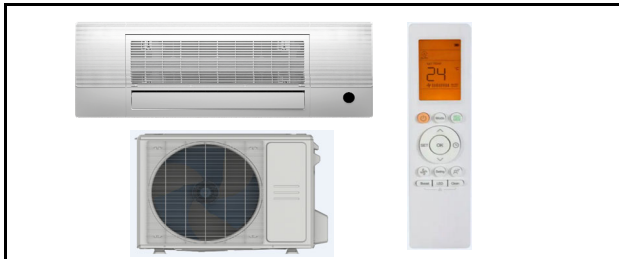


<b>T1W12P/CHF12CD(O)</b>	<b>12,000 BTU/H(208/230V) Wall Mounted Heat Pump System</b>
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

**Set Code**  
Indoor unit code  
Outdoor unit code

**Set Model**  
Indoor unit model: T1W12P  
Outdoor unit model: CHF12CD(O)

**Certified**



**SYSTEM PERFORMANCE DATA**

Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	15.0
Max.fuse	(A)	15.0
Connection wiring		14*4 AWG
Cooling		
Rated Capacity	(Btu/h)	12000(4000~14100)
Capacity Range	(Btu/h)	12000(4000~14100)
Power Input	(W)	923(147~1257)
Rated current	(A)	4.17(1.17~5.54)
SEER2	(Btu/W)	23.0
EER2	(Btu/W)	13.0
Heating		
Rated Capacity	(Btu/h)	12500(4600~15000)
Capacity Range	(Btu/h)	12500(4600~15000)
Power Input	(W)	1150(362~1500)
Rated current	(A)	4.85(1.73~6.59)
HSPF2-4	(Btu/W)	10.0
HSPF2-5	(Btu/W)	7.8
COP	W/W	3.19
Heat at 17F	(Btu/h)	11500
Heat at 5F	(Btu/h)	11000
COP at 5F	W/W	1.8

**REFRIGERANT PIPE DATA**

Throttle type	Indoor unit	N/A
	Outdoor unit	EXV
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/41.62ozs
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)	-22~-122/ -22~75
	(Deg. °C)	-30~50/ -30~24

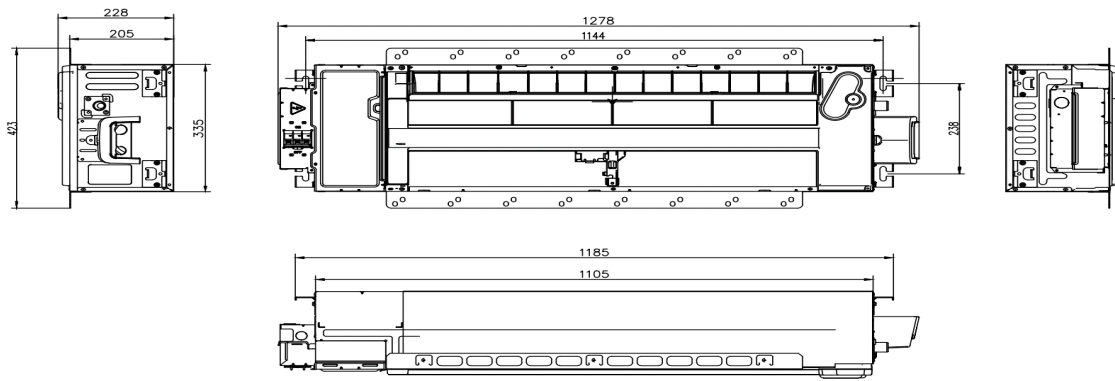
**INDOOR UNIT DATA**

Indoor fan motor		
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
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	311.76/282.35/247.06
Indoor noise level (Hi/Med/Lo)	[dB(A)]	38.5/37/32.5
Dehumidification		
	(Pint/H)	
Indoor unit		
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**

Compressor		
Type		ROTARY
Model		KTN110D42UFZ
Brand		GMCC
Capacity	(Btu/h)	11823
Input	(W)	885
Rated current (RLA)	(A)	8.8
Refrigerant oil/oil charge	(ml)	VG74/350
Outdoor fan motor		
Model		ZKFN-34-10-1
Qty		1
Input	(W)	--
Output	(W)	34
RLA	(A)	0.36
Speed	(r/min)	850/680/450
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1324
Outdoor noise level	[dB(A)]	2250
Outdoor unit		
Dimension (WxDxH)	(inch)	31.69x12.99x21.81
	(mm)	805x330x554
Packing (WxDxH)	(inch)	36.02x14.57x24.21
	(mm)	915x370x615
Net/ Gross weight	(lbs.)	73.63/79.37
	(kg)	33.4/36

Indoor unit dimension



Outdoor unit dimension

