

SUBMITTAL DATA SHEET






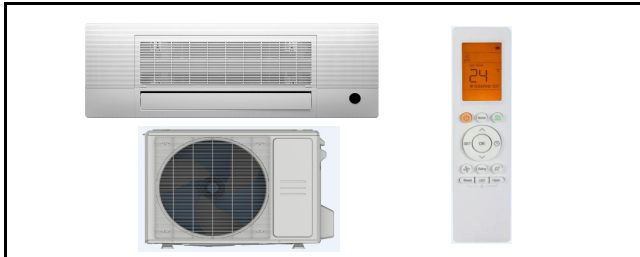
T1W18P/CZP18CD(O) 18,000 BTU/H(208/230V) Wall Mounted Heat Pump System

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 T1W18P
Outdoor unit model CZP18CD(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)	19.0
Max.fuse	(A)	30.0
Connection wiring		14*4 AWG
Cooling		
Rated Capacity	(Btu/h)	18000(3200~18100)
Capacity Range	(Btu/h)	18000(3200~18100)
Power Input	(W)	1440(415~1690)
Rated current	(A)	6.4(2~7.4)
SEER2	(Btu/W)	21.8
EER2	(Btu/W)	12.5
Heating		
Rated Capacity	(Btu/h)	19000(5300~21500)
Capacity Range	(Btu/h)	19000(5300~21500)
Power Input	(W)	1690(530~1960)
Rated current	(A)	7.6(2.6~8.8)
HSPF2-4	(Btu/W)	10.7
HSPF2-5	(Btu/W)	7.6
COP	W/W	3.30
Heat at 17F	(Btu/h)	15500
Heat at 5F	(Btu/h)	11600
COP at 5F	W/W	2.1

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	EXV+Throttle valve
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/56.44ozs
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)	98.4
	(m)	30.0
Max. difference in level	(ft)	65.6
	(m)	20.0
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

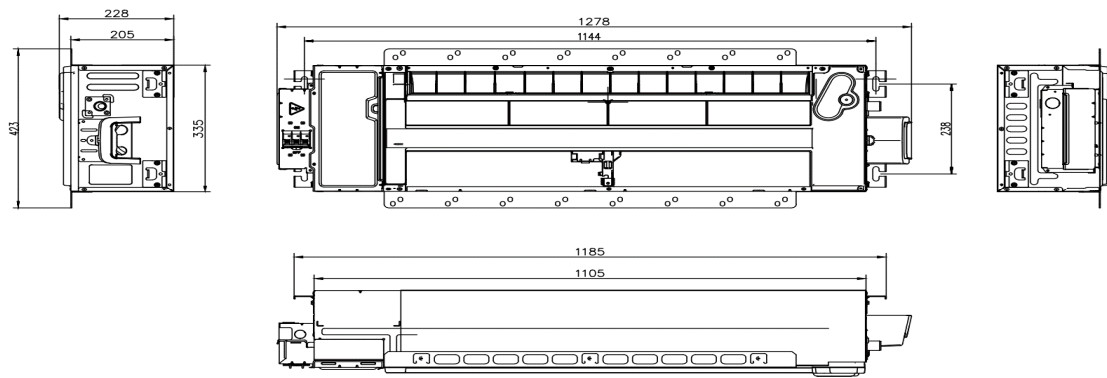
INDOOR UNIT DATA

Indoor fan motor		
Type		Centrifugal
Model		ZKFN-30-8-43
Qty		1
Input	(W)	-
Output	(W)	30.0
RLA	(A)	1.5
Speed(Hi/Mi/Lo)	(r/min)	1344/1184/1024
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	351.76/300.00/207.06
Indoor noise level (Hi/Med/Lo)	[dB(A)]	44/41/34
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		KSN140D58UFZ
Brand		GMCC
Capacity	(Btu/h)	14723
Input	(W)	1090
Rated current (RLA)	(A)	12
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 440
Outdoor fan motor		
Model		ZKFN-80-8-3
Qty		1
Input	(W)	-
Output	(W)	80
RLA	(A)	0.76
Speed	(r/min)	810/720
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	2059
Outdoor noise level	[dB(A)]	3500
Outdoor unit		
Dimension (WxDxH)	(inch)	35.04x13.46x26.50
	(mm)	890x342x673
Packing (WxDxH)	(inch)	39.17x15.67x29.13
	(mm)	995x398x740
Net/ Gross weight	(lbs.)	94.36/100.97
	(kg)	42.8/45.8

Indoor unit dimension



Outdoor unit dimension

