



TPA-12/CZP12CD(O)	12,000 BTU/H(208/230V) Wall Mounted Heat Pump System
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

Set Model
 Indoor unit model TPA-12
 Outdoor unit model CZP12CD(O)

Certified

AHRI


UL




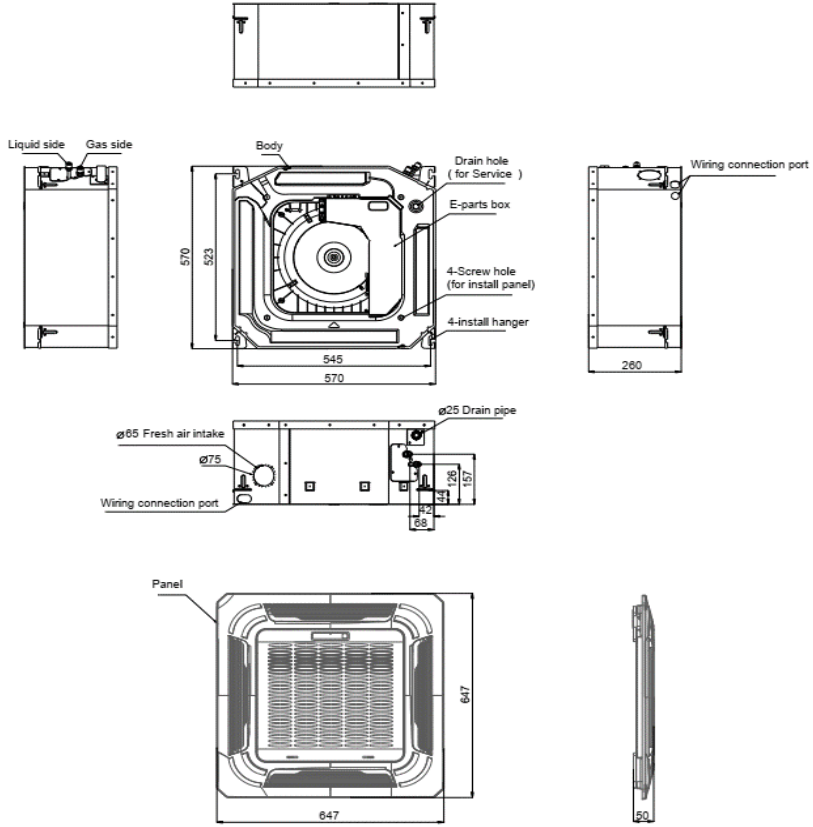
SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60	
Voltage Range	(V)	187-253	
Electrical			
Minimum circuit ampacity	(A)	13.0	
Max.fuse	(A)	15.0	
Connection wiring		14*4 AWG	
Cooling			
Rated Capacity	(Btu/h)	12000	
Capacity Range	(Btu/h)	2800~14100	
Power Input (Max)	(W)	857	
Rated current	(A)	3.92	
SEER2	(Btu/W)	22.7	
EER2	(Btu/W)	14.0	
Heating at 47F			
Rated Capacity	(Btu/h)	12000	
Capacity Range	(Btu/h)	1950~14600	
Power Input (Max)	(W)	1045	
Rated current	(A)	4.78	
HSPF2-4	(Btu/W)	9.8	
HSPF2-5	(Btu/W)	7.8	
COP	W/W	3.37	
Heating at 17F			
Max Capacity	(Btu/h)	9350	

REFRIGERANT PIPE DATA			
Design pressure	(PSIG)	550/340	
Refrigerant Type	(Oz)	R410A/38.1	
Refrigerant precharge	(ft)	25.0	
	(m)	7.6	
Additional charge for each ft	(oz/ft)	0.16	
	(g/ft)	15	
Liquid side/ Gas side	(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	
Application area	(sq.ft)	172.22~247.57	
	(m ²)	16~23	

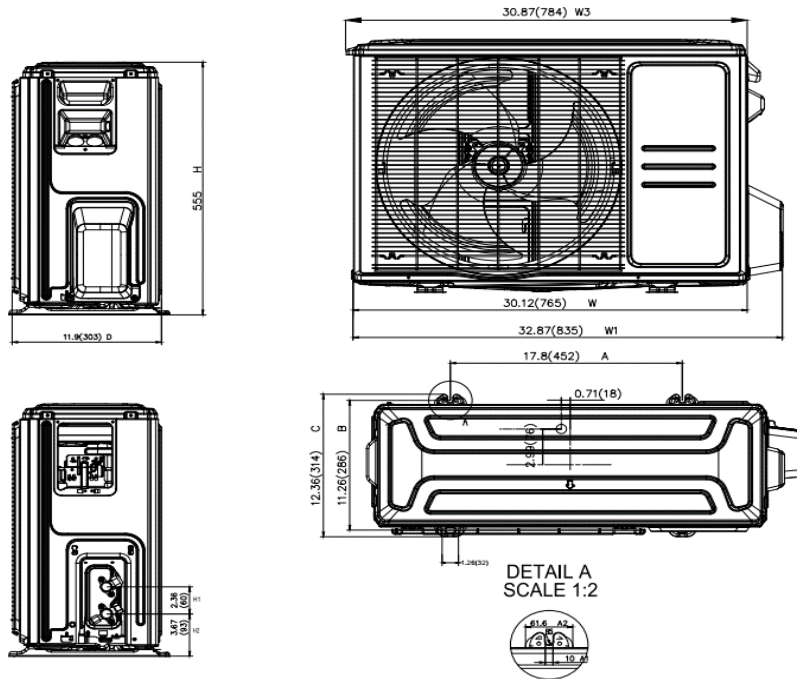
INDOOR UNIT DATA			
Indoor fan motor			
Type			Cross-Flow
Model			ZKFP-46-8-1
Qty			1
Input	(W)	45.0	
RLA	(A)	-	
LRA	(A)	---	
Winding Resistance	(Ω)	---	
Capacitor	(uF)	---	
Speed(Hi/Mi/Lo)	(r/min)	680/580/500	
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	379/309/261	
Indoor noise level (Hi/Med/Lo)	[dB(A)]	40.5/35.5/31.5	
Dehumidification	(Pint/H)	---	
Indoor unit			
Dimension (WxDxH)	(inch)	22.44x22.44x10.24	
	(mm)	570x570x260	
Packing(WxDxH)	(inch)	26.06x26.06x12.48	
	(mm)	662x662x317	
Net/Gross weight	(lbs.)	35.27/41.01	
	(kg)	16/18.6	

OUTDOOR UNIT DATA			
Compressor			
Type			KSK103D33UEZ3
Model			ROTARY
Brand			GMCC
Capacity	(Btu/h)	6944 / 11107	
Input	(W)	325 / 826	
Rated current (RLA)	(A)	-	
Refrigerant oil/oil charge	(ml)	-	
Throttle			Capillary +EXV
Outdoor fan motor			
Model			ZKFN-34-10-1
Qty			1
Input	(W)	--	
RLA	(A)	--	
Speed	(r/min)	800/600	
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)	1294.10	
Outdoor noise level	[dB(A)]	53.5	
Outdoor unit			
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



General Features

Wireless Remote with LCD Display

Sleep

Timer

Self Clean

46F Heating

Silent

Extended Performance Data