



TPA-09/CZP09CD(O)	9,000 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-09
 Outdoor unit model CZP09CD(O)

Certified

AHRI 

UL 

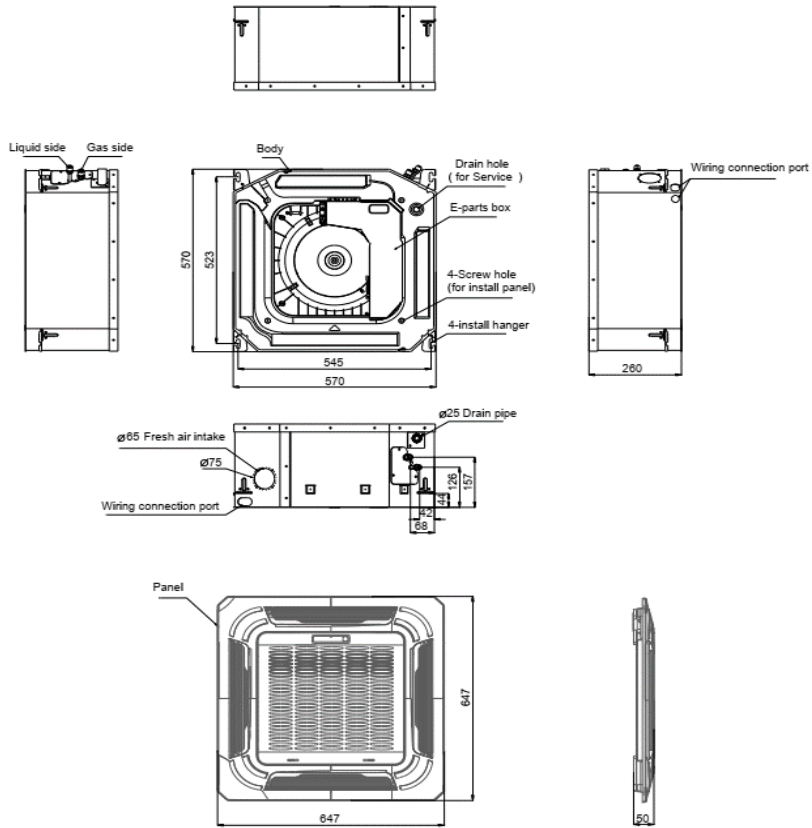


SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Voltage V, Ph, Hz		208/230, 1, 60	
Voltage Range (V)		187-253	
Electrical			
Minimum circuit ampacity (A)		13.0	
Max.fuse (A)		15.0	
Connection wiring		14*4 AWG	
Cooling			
Rated Capacity (Btu/h)		9000	
Capacity Range (Btu/h)		2970~10500	
Power Input (Max) (W)		692	
Rated current (A)		3.17	
SEER2 (Btu/W)		20.0	
EER2 (Btu/W)		13.0	
Heating at 47F			
Rated Capacity (Btu/h)		10000	
Capacity Range (Btu/h)		2230~11650	
Power Input (Max) (W)		952	
Rated current (A)		4.16	
HSPF2-4 (Btu/W)		10.0	
HSPF2-5 (Btu/W)		8.2	
COP W/W		3.08	
Heating at 17F			
Max Capacity (Btu/h)		9450	
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" / 3/8"	
	(mm)	6.35/9.52	
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)		129.17~193.75	
	(m2)	12~18	

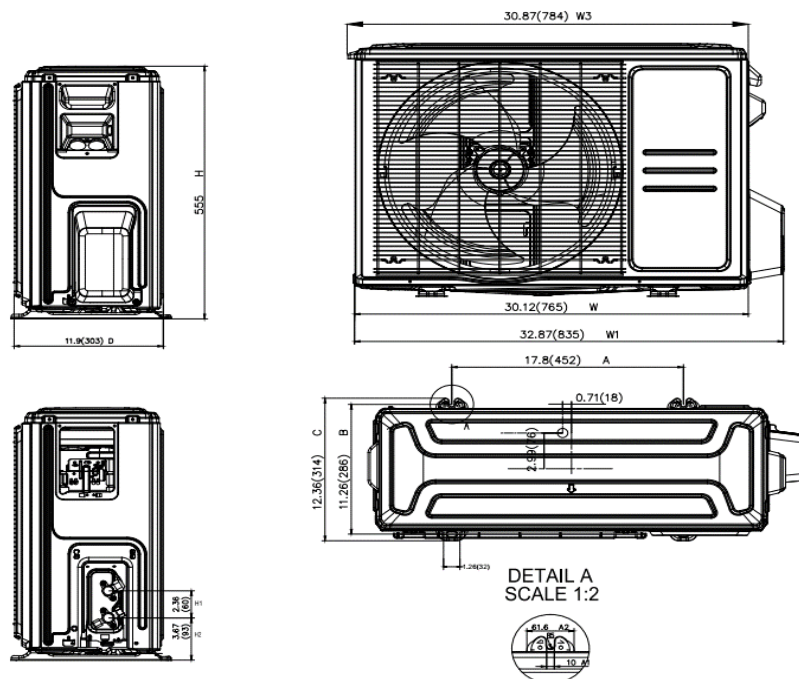
INDOOR UNIT DATA			
Indoor fan motor			
Type			Cross-Flow
Model			ZKFP-46-8-1
Qty			1
Input (W)		45.0	
RLA (A)		-	
LRA (A)		---	
Winding Resistance (Ω)		---	
Capacitor (uF)		---	
Speed(Hi/Mi/Lo) (r/min)		600/520/460	
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo) (No duct) (CFM)		352.94/305.88/270.59	
Indoor noise level (Hi/Med/Lo) [dB(A)]		37.5/34.5/31.5	
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.)		31.97/38.14	
	(kg)	14.5/17.3	
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	
Outdoor unit			
Dimension (W×D×H) (inch)		30.12x11.93x21.85	
	(mm)	765x303x555	
Packing (W×D×H) (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