



TIP24/CZP24CD(O)	24,000 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: TIP24
 Outdoor unit model: CZP24CD(O)

Certified

AHRI 

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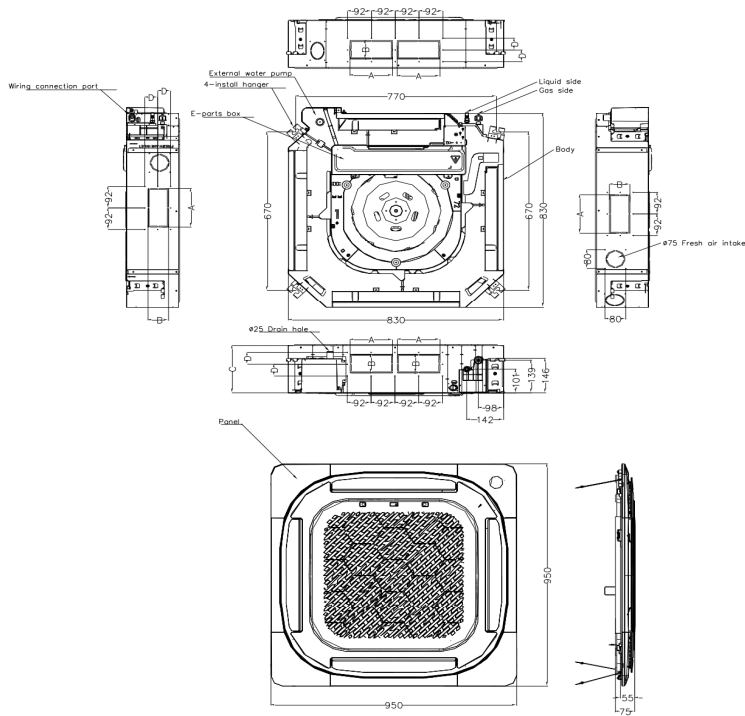
SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Voltage (V, Ph, Hz)		208/230, 1, 60	
Voltage Range (V)		187-253	
Electrical			
Minimum circuit ampacity (A)		22.0	
Max.fuse (A)		30.0	
Connection wiring		14*4 AWG	
Cooling			
Rated Capacity (Btu/h)		24000	
Capacity Range (Btu/h)		8130~26272	
Power Input (Max) (W)		1920	
Rated current (A)		8.78	
SEER2 (Btu/W)		21.5	
EER2 (Btu/W)		12.5	
Heating at 47F			
Rated Capacity (Btu/h)		26000	
Capacity Range (Btu/h)		10650~30000	
Power Input (Max) (W)		2210	
Rated current (A)		10	
HSPF2-4 (Btu/W)		9.7	
HSPF2-5 (Btu/W)		7.8	
COP	W/W	3.26	
Heating at 17F			
Max Capacity (Btu/h)		17000	
REFRIGERANT PIPE DATA			
Design pressure (PSIG)		550/340	
Refrigerant Type (Oz)		R410A/82.89	
Refrigerant precharge (ft)		25.0	
	(m)	7.6	
Additional charge for each ft (oz/ft)		0.32	
	(g/ft)	30	
Liquid side/ Gas side (inch)		3/8" / 5/8"	
	(mm)	9.52/15.9	
Max. pipe length (ft)		164.0	
	(m)	50.0	
Max. difference in level (ft)		82.0	
	(m)	25.0	
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)		344.44~505.90	
	(m2)	32~47	

INDOOR UNIT DATA			
Indoor fan motor			
Type			Cross-Flow
Model			ZKFN-45-8-1
Qty			1
Input (W)			72
RLA (A)			-
LRA (A)			---
Winding Resistance (Ω)			---
Capacitor (uF)			---
Speed(Hi/Mi/Lo) (r/min)			680/624/568/512
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo) (No duct) (CFM)		705.88/635.29/547.06	
Indoor noise level (Hi/Med/Lo) [dB(A)]		49/46/43	
Dehumidification (Pint/H)			

Indoor unit			
Dimension (WxDxH) (inch)			32.68x32.68x8.07
			(mm) 830x830x205
Packing(WxDxH) (inch)			35.83x35.83x9.84
			(mm) 910x910x250
Net/Gross weight (lbs.)			47.18/55.34
			(kg) 21.4/25.1

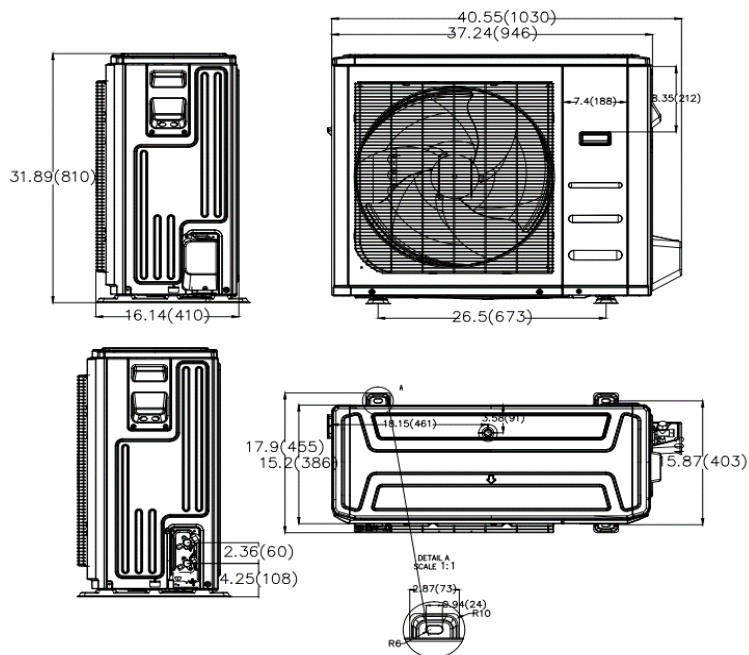
OUTDOOR UNIT DATA			
Compressor			
Type			KTM240D43UKT
Model			DUAL ROTARY
Brand			GMCC
Capacity (Btu/h)			25932.27641
Input (W)			2045
Rated current (RLA) (A)			-
Refrigerant oil/oil charge (ml)			-
Throttle			Capillary +EXV
Outdoor fan motor			
Model			ZKFN-120-8-2
Qty			1
Input (W)			--
RLA (A)			--
Speed (r/min)			900/810/450/360
Air flow & Noise level			
Outdoor air flow (Max.) (CFM)			2235.30
Outdoor noise level [dB(A)]			60
Outdoor unit			
Dimension (WxDxH) (inch)			37.24x16.14x31.89
			(mm) 946x410x810
Packing (WxDxH) (inch)			42.91x19.69x34.84
			(mm) 1090x500x885
Net/ Gross weight (lbs.)			124.78/134.92
			(kg) 56.6/61.2

Indoor unit dimension



Capacity (Btu/h)	Unit	A	B	C	D
24K	mm	165	80	205	50
	inch	6.5	3.15	8.07	1.97
36K	mm	165	100	245	60
	inch	6.5	3.64	9.65	2.36
48K	mm	165	100	287	60
	inch	6.5	3.64	11.30	2.36

Outdoor unit dimension



General Features

Wireless Remote with LCD Display

Follow Me

Sleep

Timer

Self Clean

46F Heating

Silent

Extended Performance Data