

SUBMITTAL DATA SHEET



TIP-36/CZP36CD (O)	36,000 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 TIP-36
 Outdoor unit model CZP36CD(O)

Certified

AHRI

CSA



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)		30.0
Max.fuse (A)		45.0
Connection wiring		14AWG*2 Stranded, shielded
Cooling		
Rated Capacity (Btu/h)		36000
Capacity Range (Btu/h)		12400~36000
Power Input (Max) (W)		4000
Rated current (A)		17.61
SEER2 (Btu/W)		19.20
EER2 (Btu/W)		9.40

Heating at 47F		
Rated Capacity (Btu/h)		38000
Capacity Range (Btu/h)		11200~38000
Power Input (Max) (W)		3700
Rated current (A)		16.93
HSPF2-4 (Btu/W)		8.80
HSPF2-5 (Btu/W)		7.00
COP W/W		3.01

Heating at 17F		
Max Capacity (Btu/h)		0

REFRIGERANT PIPE DATA

Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/112.9
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)		213.0
	(m)	65.0
Max. difference in level (ft)		98.0
	(m)	30.0
Connection method		(Flared)
Indoor(cooling/ heating) (Deg. °F)		60~90 / 32~86
	(Deg. °C)	16~32 / 0~30
Outdoor(cooling/heating) (Deg. °F)		5~122 / 5~75
	(Deg. °C)	-15~50 / -15~24
Application area (sq.ft)		516.67~753.47
	(m2)	48~70

INDOOR UNIT DATA

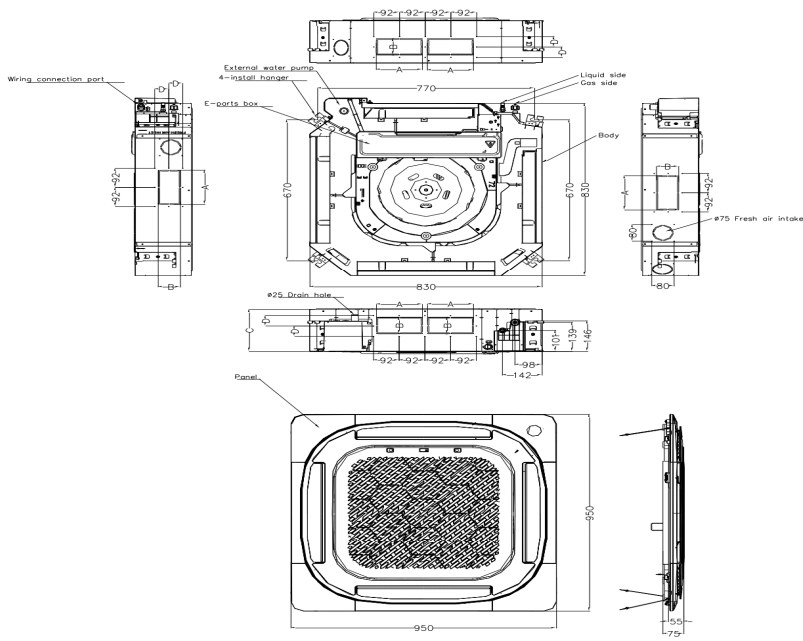
Indoor fan motor		
Type		Cross-Flow
Model		ZKFN-125-8-1
Qty		1
Input (W)		157.0
RLA (A)		-
LRA (A)		---
Winding Resistance (Ω)		---
Capacitor (uF)		---
Speed(Hi/Mi/Lo) (r/min)		760/632/568
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct) (CFM)		947/853/753
Indoor noise level (Hi/Med/Lo) [dB(A)]		52.5/50/46.5
Dehumidification (Pint/H)		

Indoor unit		
Dimension (WxDxH) (inch)		32.68x32.68x9.65
	(mm)	830x830x245
Packing(WxDxH) (inch)		35.83x35.83x11.42
	(mm)	910x910x290
Net/Gross weight (lbs.)		59.97/69.00
	(kg)	27.2/31.3

OUTDOOR UNIT DATA

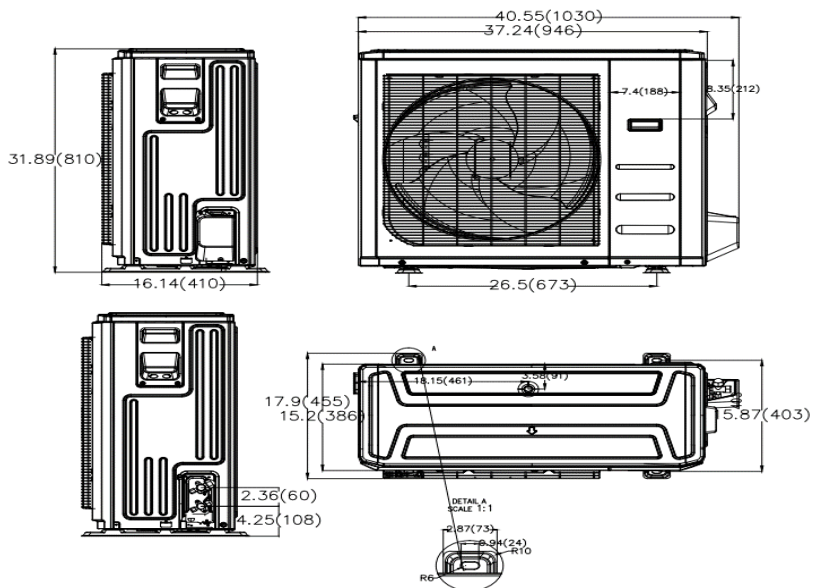
Compressor		
Type		KTF310D43UMT
Model		ROTARY
Brand		GMCC
Capacity (Btu/h)		32380
Input (W)		2600
Rated current (RLA) (A)		-
Refrigerant oil/oil charge (ml)		INT01L-4639
Throttle		Capillary +EXV
Outdoor fan motor		
Model		ZKFN-120-8-2
Qty		1
Input (W)		--
RLA (A)		--
Speed (r/min)		1050/900/850
Air flow & Noise level		
Outdoor air flow (Max.) (CFM)		2117.70
Outdoor noise level [dB(A)]		65
Outdoor unit		
Dimension (WxDxH) (inch)		37.24x16.14x31.89
	(mm)	946x410x810
Packing (WxDxH) (inch)		42.91x19.69x34.84
	(mm)	1090x500x885
Net/ Gross weight (lbs.)		155.42/166.23
	(kg)	70.5/75.4

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