

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
SEER	(Btu/W)	18.2
EER	(Btu/W)	9.0
Heating at 47F		
Rated Capacity	(Btu/h)	38000
Capacity Range	(Btu/h)	11200~38000
Power Input (Max)	(W)	3700
Rated current	(A)	16.93
HSPF4	(Btu/W)	10.6
HSPF5	(Btu/W)	8.5
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.)	(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

General Features

Wireless Remote with LCD Display

Follow Me

Sleep

Timer

Self Clean

46F Heating

Silent

Extended Performance Data

