

SUBMITTAL DATA SHEET



<b>FPA-36DU/CZP36CD(O)</b>	<b>36,000 BTU/H(208/230V) Wall Mounted Heat Pump System</b>
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

**Set Model**  
 Indoor unit model FPA-36DU  
 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)	11476~36000
Power Input (Max) (W)	4509
Rated current (A)	20.6
SEER2 (Btu/W)	19.0
EER2 (Btu/W)	8.5

**Heating at 47F**

Rated Capacity (Btu/h)	38000
Capacity Range (Btu/h)	11467~38000
Power Input (Max) (W)	3978
Rated current (A)	18.2
HSPF2-4 (Btu/W)	7.0
HSPF2-5 (Btu/W)	9.0
COP	2.80

**Heating at 17F**

Max Capacity (Btu/h)	24000
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**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)	/ No
(Deg. °C)	92/188/213 / Yes
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-115-8-1
Qty	1
Input (W)	130.0
RLA (A)	-
LRA (A)	---
Winding Resistance (Ω)	---
Capacitor (uF)	---
Speed(Hi/Mi/Lo) (r/min)	1300/1150/800

**Air flow & Noise level**

Indoor air flow (Hi/Med/Lo) (No duct) (CFM)	1036.47/917.06/637.65
Indoor noise level (Hi/Med/Lo) [dB(A)]	51.5/48.0/40.5

**Dehumidification (Pint/H)**

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**Indoor unit**

Dimension (WxDxH) (inch)	50.59x26.57x9.25
(mm)	1285x675x235
Packing(WxDxH) (inch)	53.54x29.72x12.32
(mm)	1360x755x318
Net/Gross weight (lbs.)	69.00/81.57
(kg)	31.3/37

**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

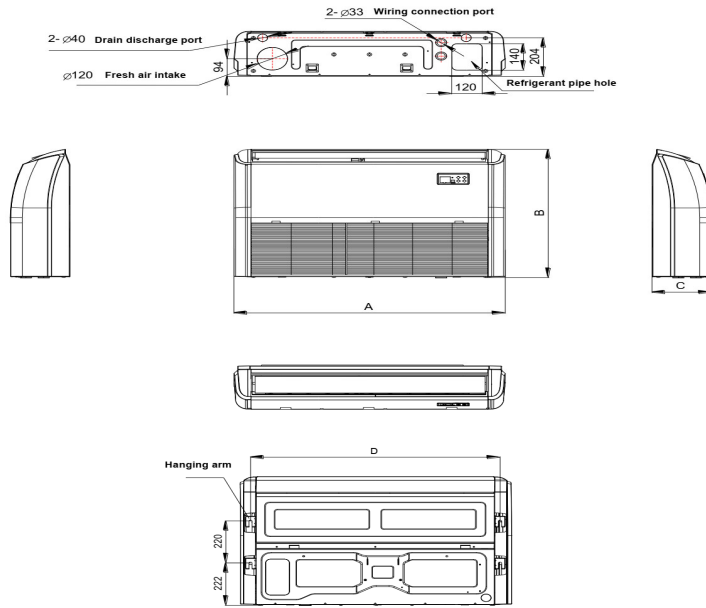
**Air flow & Noise level**

Outdoor air flow (Max.) (CFM)	2117.70
Outdoor noise level [dB(A)]	65

**Outdoor unit**

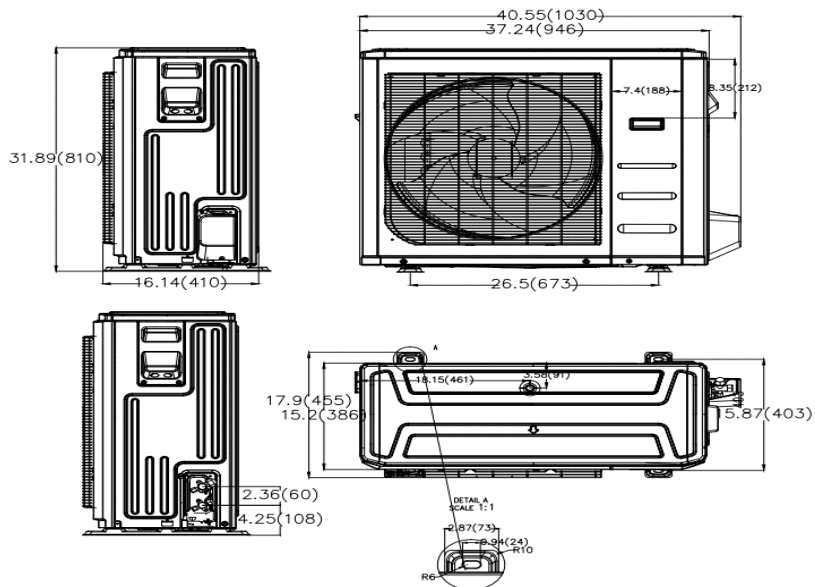
Dimension (W×D×H) (inch)	37.24x16.14x31.89
(mm)	946x410x810
Packing (W×D×H) (inch)	42.91x19.69x34.84
(mm)	1090x500x885
Net/ Gross weight (lbs.)	155.42/166.23
(kg)	70.5/75.4

**Indoor unit dimension**



Capacity (Btu/h)	Unit	A	B	C	D
18K / 24K	mm	1068	675	235	983
	inch	42.05	26.57	9.25	38.70
36K	mm	1285	675	235	1200
	inch	50.59	26.57	9.25	47.24
48K/60K	mm	1650	675	235	1565
	inch	64.96	26.57	9.25	61.61

**Outdoor unit dimension**



**General Features**

Wired controller(optional)

Weekly-time wired controller(optional)

Central controller

Long distance Alarm and ON/OFF controller(optional)

Build-in pump(optional)

3D airflow

**Extended Performance Data**