

SUBMITTAL DATA SHEET

ComfortStar®

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

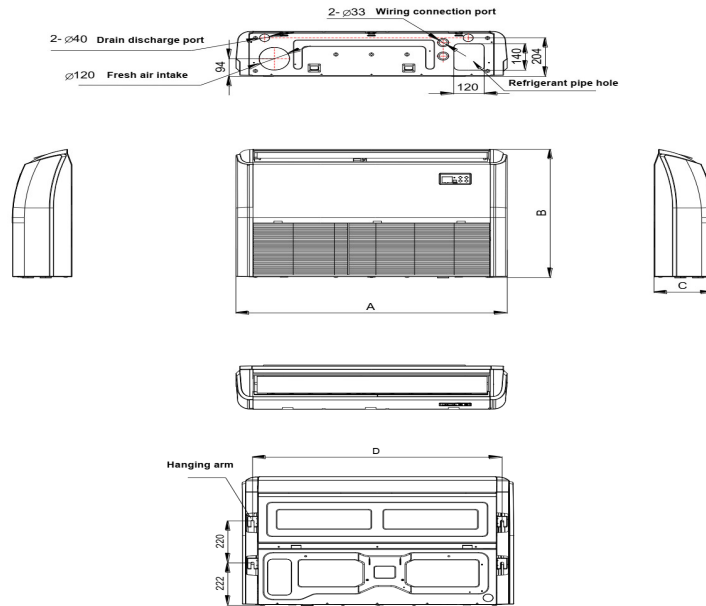
Set Model Indoor unit model Outdoor unit model	FPA-36DU CZP36CD(O)
Certified AHRI CSA	



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	W/W	2.80	
Heating at 17F			
Max Capacity	(Btu/h)	24000	
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	

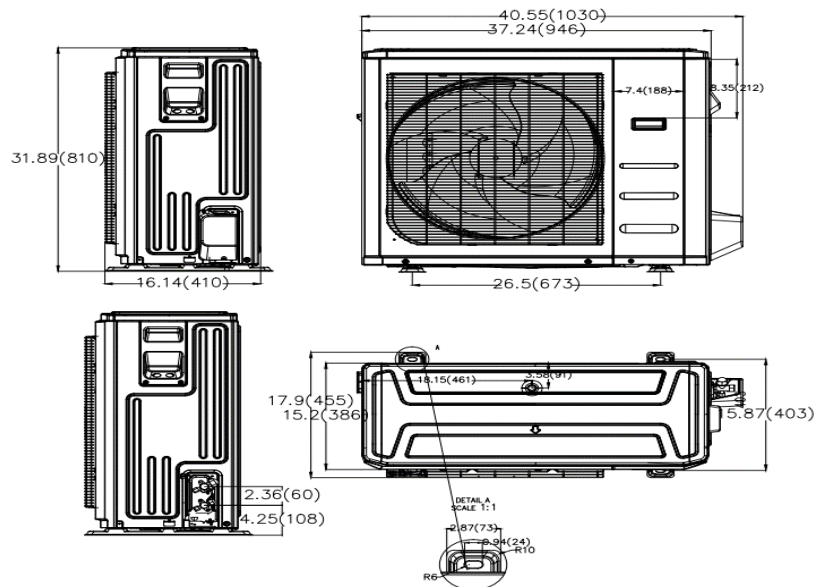
INDOOR UNIT DATA			
Indoor fan motor			
Type		Cross-Flow	
Model		ZKFN-115-8-1	
Qty		1	
Input	(W)	130.0	
RLA	(A)	-	
LRA	(A)	---	
Winding Resistance	(Ω)	---	
Capacitor	(uF)	---	
Speed(Hi/Mi/Lo)	(r/min)	1300/1150/800	
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	1036.47/917.06/637.65	
Indoor noise level (Hi/Med/Lo)	[dB(A)]	51.5/48.0/40.5	
Dehumidification	(Pint/H)	---	
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