

Panasonic

SUBMITTAL DATA SHEET

36000Btu/h	A-Coil
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

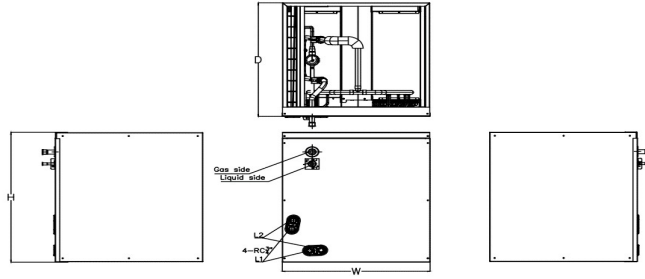
Set Model	
Indoor unit model	CS-HE36YAC6
Outdoor unit model	CU-HE36YAHK6
AHRI Reference Number	212396507
Certified	
AHRI	
UL	



SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	30.0
Max.fuse	(A)	50.0
Cooling		
Rated Capacity	(Btu/h)	36000
Capacity Range	(Btu/h)	11700-40000
Power Input (Max)	(W)	3530(800-5000)
Rated current	(A)	14.8(3.5-21)
SEER2	(Btu/W)	14.8
EER2	(Btu/W)	9.8
Heating at 47F		
Rated Capacity	(Btu/h)	39000
Capacity Range	(Btu/h)	9200-50000
Power Input (Max)	(W)	3600(800-5000)
Rated current	(A)	15.65(3.5-21)
HSPF2-4	(Btu/W)	10.0
HSPF2-5	(Btu/W)	8.0
COP	W/W	3.18
Heating at 5F		
Capacity	(Btu/h)	32000
COP	W/W	2.0
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant type	(Oz)	R410A/165.79
Refrigerant precharge	(ft)	25.0
	(m)	7.6
Additional charge for each ft	(oz/ft)	0.69
	(g/m)	65.0
Liquid side/ Gas side	(inch)	3/8" / 3/4"
	(mm)	Φ9.52 / Φ19
Max. pipe length	(ft)	213.3
	(m)	65.0
Max. difference in level	(ft)	98.4
	(m)	30.0
Connection method	Indoor	Braze
	Outdoor	Flared to braze
Indoor(cooling)	(Deg. °F / °C)	62-90 / 17-32
Indoor(heating)	(Deg. °F/ °C)	32-86 / 0-30
Outdoor(cooling)	(Deg. °F/ °C)	5-122 / -15~-50
Outdoor(heating)	(Deg. °F/ °C)	-22-75 / -30-24

INDOOR UNIT DATA		
Throttle		TXV for Cooling
Indoor fan motor		
Type		---
Model		---
Qty		---
Input	(W)	---
RLA	(A)	---
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	---
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo)	(CFM)	---
Indoor noise level (Hi/Med/Lo)	[dB(A)]	---
Dehumidification		
	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	20.98x20.98x23.98
	(mm)	533x533x609
Packing(WxDxH)	(inch)	23.43x25.59x25.39
	(mm)	595x650x645
Net/Gross weight	(lbs.)	64.37/75.40
	(kg)	29.2/34.2
OUTDOOR UNIT DATA		
Compressor		
Type		EAPQ420D1UMUA
Model		ROTARY
Brand		GMCC
Capacity	(Btu/h)	44014.8
Input	(W)	3565
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	1460±15mlESTER OIL VG74
Throttle		
		EEV for heating
Outdoor fan motor		
Model		ZKFN-85-8-22-5
Qty		2
Input	(W)	--
RLA	(A)	1.20
Speed	(r/min)	850/750/650
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	4500.0
Outdoor noise level	[dB(A)]	61.0
Outdoor unit		
Dimension (WxDxH)	(inch)	37.48x16.34x52.48
	(mm)	952x415x1333
Packing (WxDxH)	(inch)	43.11x19.49x58.27
	(mm)	1095x495x1480
Net/ Gross weight	(lbs.)	227.07/255.73
	(kg)	103/116

Indoor unit dimension



Model	Unit	Dimensions (mm)			Drain hose	
		W	D	H	L1	L2
12K-24K	mm	445	533	457		
	inch	17 1/2	21	18		
30K-48K	mm	533	533	609	Main drain hole	Overflow drain hole
	inch	21	21	24		
60K	mm	622	533	711		
	inch	24	21	28		

Outdoor unit dimension

