



Panasonic

SUBMITTAL DATA SHEET

48000Btu/h	A-Coil
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

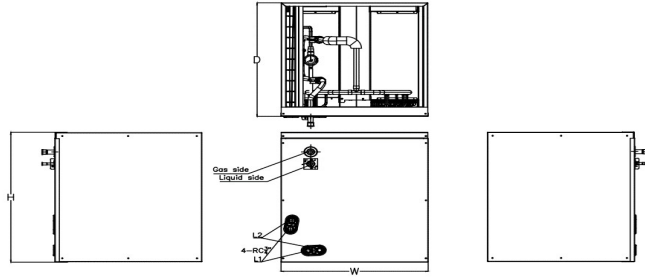
Set Model	
Indoor unit model	CS-HE48YAC6
Outdoor unit model	CU-HE48YAHK6
AHRI Reference Number	212396508
Certified	
AHRI	
UL	



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)	40.0
Max.fuse	(A)	50.0
Cooling		
Rated Capacity	(Btu/h)	46000
Capacity Range	(Btu/h)	46000(12300~47000)
Power Input (Max)	(W)	5400(560~5720)
Rated current	(A)	22.5(2.4~25.3)
SEER2	(Btu/W)	14.3
EER2	(Btu/W)	8.6
Heating at 47F		
Rated Capacity	(Btu/h)	51000
Capacity Range	(Btu/h)	15000~59000
Power Input (Max)	(W)	5020(800~6200)
Rated current	(A)	21.5(4~25.5)
HSPF2-4	(Btu/W)	9.0
HSPF2-5	(Btu/W)	7.5
COP	W/W	2.98
Heating at 5F		
Capacity	(Btu/h)	40000
COP	W/W	1.8
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant type	(Oz)	R410A/169.31
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.)	65.26/76.28
	(kg)	29.6/34.6
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)	4411.8
Outdoor noise level	[dB(A)]	64.0
Outdoor unit		
Dimension (WxDxH)	(inch)	37.48x16.34x52.48
	(mm)	952x415x1333
Packing (WxDxH)	(inch)	43.11x19.49x58.27
	(mm)	1095x495x1480
Net/ Gross weight	(lbs.)	220.24/248.90
	(kg)	99.9/112.9

Indoor unit dimension



Model	Unit	Dimensions (mm)			Drain hole	
		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

