

**CH-NY12MIA-115V1 / CH-NY12MIA-115V0      12,000 BTU/H(115V)      Wall Mounted Heat Pump System**

Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_

**Set Model**  
 Indoor unit model CH-NY12MIA-115V1  
 Outdoor unit model CH-NY12MIA-115V0

**Certified**  
 AHRI   
 UL



**SYSTEM PERFORMANCE DATA**

<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	115V, 1Ph, 60Hz
Voltage Range	(V)	103.5-126.5
<b>Electrical</b>		
Minimum circuit ampacity	(A)	18.5
Max.fuse	(A)	25
Connection wiring		14*4 AWG
<b>Cooling</b>		
Rated Capacity	(Btu/h)	12000
Capacity Range	(Btu/h)	4300-12600
Power Input (Max)	(W)	1168
Rated current	(A)	10.6
SEER	(Btu/W)	20
EER	(Btu/W)	10.3

<b>Heating at 47F</b>		
Rated Capacity	(Btu/h)	12000
Capacity Range	(Btu/h)	4000-12500
Power Input (Max)	(W)	1122
Rated current	(A)	10.3
HSPF4	(Btu/W)	10.5
HSPF5	(Btu/W)	8.4
COP	W/W	3.13

<b>Heating at 17F</b>		
Max Capacity	(Btu/h)	7100

**REFRIGERANT PIPE DATA**

Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/28.6
Refrigerant precharge	(ft)	25.0
	(m)	7.6
Additional charge for each ft	(oz/ft)	0.16
	(g/ft)	15
Liquid side/ Gas side	(inch)	1/4" / 1/2"
	(mm)	Φ6.35 / Φ12.7
Max. pipe length	(ft)	82.0
	(m)	25.0
Max. difference in level	(ft)	32.8
	(m)	10.0
Connection method		(Flared)

Indoor(cooling/ heating)	(Deg. °F)	63~90 / 32~86
	(Deg. °C)	17~32 / 0~30
Outdoor(cooling/heating)	(Deg. °F)	5~122 / 5~75
	(Deg. °C)	-15~50 / -15~24
Application area	(sq.ft)	172.22~247.57
	(m2)	16~23

**INDOOR UNIT DATA**

<b>Indoor fan motor</b>		
Type		Cross-Flow
Model		ZKFP-20-8-113
Qty		1
Input	(W)	35.0
RLA	(A)	0.25
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1200/850/750

<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (h)	(CFM)	308.82/205.88/176.47
Indoor noise level (Hi/Med/Lo)	[dB(A)]	41.5/30.5/26

**Dehumidification**

<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	31.57x7.44x11.69
	(mm)	802x189x297
Packing(WxDxH)	(inch)	34.45x11.22x14.96
	(mm)	875x285x380
Net/Gross weight	(lbs.)	19.84/24.25
	(kg)	9/11

**OUTDOOR UNIT DATA**

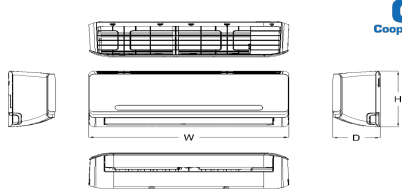
<b>Compressor</b>		
Type		KSN98D64UF23
Model		ROTARY
Brand		GMCC
Capacity	(Btu/h)	6585 / 10578
Input	(W)	292 / 765
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	-
Throttle		Capillary

<b>Outdoor fan motor</b>		
Model		ZKFN-34-10-1-3
Qty		1
Input	(W)	---
RLA	(A)	---
Speed	(r/min)	780/700/600

<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	1235.29
Outdoor noise level	[dB(A)]	53.50

<b>Outdoor unit</b>		
Dimension (WxDxH)	(inch)	30.12x11.93x21.85
	(mm)	765x303x555
Packing (WxDxH)	(inch)	34.92x13.27x24.02
	(mm)	887x337x610
Net/ Gross weight	(lbs.)	62.17/67.68
	(kg)	28.2/30.7

**Indoor unit dimension**



Capacity	Body Code	W(mm)	D(mm)	H(mm)
7K~9K	A	722	187	290
9K~12K	B	802	189	297
12K~18K	D	965	215	319
18K~24K	E	1080	226	335
27K~36K	F	1259	282	362
30K~36K	G	1350	272	365

**Outdoor unit dimension**

