

<b>CH-06MOLVWM-230V1 / CH-HPR06F9-230VO</b>	<b>6,000 BTU/H(208/230V)</b>	<b>Wall Mounted Heat Pump System</b>
Location: _____	Approval: _____	
Engineer: _____	Date: _____	
Submitted to: _____	Construction: _____	
Submitted by: _____	Unit #: _____	
Reference: _____	Drawing #: _____	

**Set Model**  
 Indoor unit model: CH-06MOLVWM-230V1  
 Outdoor unit model: CH-HPR06F9-230VO

**Certified**

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**SYSTEM PERFORMANCE DATA**

<b>Power supply</b>		
Normal Operational Voltage (V, Ph, Hz)		208/230, 1, 60
Voltage Range (V)		187-253
<b>Electrical</b>		
Minimum circuit ampacity (A)		13.0
Max. fuse (A)		15.0
Connection wiring		14* AWG
<b>Cooling</b>		
Rated Capacity (Btu/h)		6000
Capacity Range (Btu/h)		2500-11800
Power Input (Max) (W)		408
Rated current (A)		3.55
SEER (Btu/W)		23.5
EER (Btu/W)		15.0

**Heating at 47F**

Rated Capacity (Btu/h)		7000
Capacity Range (Btu/h)		3400-11230
Power Input (Max) (W)		546
Rated current (A)		3.76
HSPF4 (Btu/W)		11.0
HSPF5 (Btu/W)		8.0
COP		3.76

**Heating at 17F**

Max Capacity (Btu/h)		9200
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**REFRIGERANT PIPE DATA**

Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/38.1
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" / 3/8"
	(mm)	φ6.35 / φ9.52
Max. pipe length (ft)		82.0
	(m)	25.0
Max. difference in level (ft)		32.8
	(m)	10.0
Connection method		(Flared)
Indoor(cooling) (Deg. °F/ °C)		60~90 / 16~32
Indoor( heating) (Deg. °F/ °C)		32~86 / 0~30
Outdoor(cooling) (Deg. °F/ °C)		-22-122 / -30~50
Outdoor(heating) (Deg. °F/ °C)		-22-75 / -30 ~ 24
Application area (sq.ft)		86.11~129.17
	(m2)	8~12

**INDOOR UNIT DATA**

**Indoor fan motor**

Type		Cross-Flow
Model		ZKFP-13-8-4
Qty		1
Input (W)		-
RLA (A)		-
LRA (A)		-
Winding Resistance (Ω)		-
Capacitor (uF)		-
Speed(Hi/Mi/Lo) (r/min)		1100/810/690
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (N) (CFM)		247.06/176.47/141.18
Indoor noise level (Hi/Med/Lo) [dB(A)]		38.5/33/20.5
Dehumidification (Pint/H)		-
<b>Indoor unit</b>		
Dimension (WxDxH) (inch)		28.70x7.87x11.50
	(mm)	729x200x292
Packing(WxDxH) (inch)		31.10x10.63x14.76
	(mm)	790x270x375
Net/Gross weight (lbs.)		17.64/22.49
	(kg)	8.0/10.2

**OUTDOOR UNIT DATA**

**Compressor**

Type		KSK103D33UEZ3
Model		ROTARY
Brand		GMCC
Capacity (Btu/h)		6944 / 1107
Input (W)		325 / 826
Rated current (RLA) (A)		-
Refrigerant oil/oil charge (ml)		-
Throttle		Capillary +EXV
<b>Outdoor fan motor</b>		
Model		ZKFN-34-10-1
Qty		1
Input (W)		-
RLA (A)		-
Speed (r/min)		800/600
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.) (CFM)		1294.10
Outdoor noise level [dB(A)]		53
<b>Outdoor unit</b>		
Dimension (W×D×H) (inch)		30.12x11.93x21.85
	(mm)	765x303x555
Packing (W×D×H) (inch)		34.92x13.27x24.02
	(mm)	887x337x610
Net/ Gross weight (lbs.)		63.71/69.00
	(kg)	28.9/31.3

**Indoor unit dimension**

Capacity	Body Code	W(mm/inch)	D(mm/inch)	H(mm/inch)
6K~11K	A	729/28.7	200/7.87	292/11.5
8K~14K	B	802/31.57	200/7.87	295/11.61
12K~21K	C	971/38.23	228/8.98	321/12.64
18K~28K	D	1082/42.6	234/9.21	337/13.27
27K~36K	F	1259/49.57	283/11.14	362/14.25

**Outdoor unit dimension**