

SUBMITTAL DATA SHEET



<b>CH-06MASTWM-230VI / 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 #: _____	

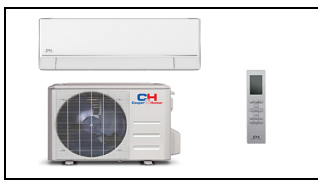
CH-06MASTWM-230VI  
CH-HPR06F9-230VO

**Set Model**  
Indoor unit model CH-06MASTWM-230VI  
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
<b>Cooling</b>		
Rated Capacity (Btu/h)		6000
Capacity Range (Btu/h)		3400~12000
Power Input (Max) (W)		380
Rated current (A)		3.3
SEER (Btu/W)		26.5
EER (Btu/W)		15.8

<b>Heating at 47F</b>		
Rated Capacity (Btu/h)		7000
Capacity Range (Btu/h)		3300~11500
Power Input (Max) (W)		449
Rated current (A)		3.92
HSPF4 (Btu/W)		14
HSPF5 (Btu/W)		11
COP		3.92

<b>Heating at 17F</b>		
Max Capacity (Btu/h)		9000

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)	6.35 / 9.52
Max. pipe length (ft)		82.0
	(m)	25.0
Max. difference in level (ft)		32.8
	(m)	10.0
Connection method		(Flared)
Indoor(cooling/ heating) (Deg. °F)		60~90 / 32~86
(Deg. °C)		16~32 / 0~30
Outdoor(cooling/heating) (Deg. °F)		-22~122 / -22~75
(Deg. °C)		-30~50 / -30~24
Application area (sq.ft)		86.11~129.17
	(m <sup>2</sup> )	8~12

INDOOR UNIT DATA		
<b>Indoor fan motor</b>		
Type		Cross-Flow
Model		ZKFP-20-8-6-7
Qty		1
Input (W)		50.0
RLA (A)		0.41
LRA (A)		---
Winding Resistance (Ω)		---
Capacitor (uF)		---
Speed(Hi/Mi/Lo) (r/min)		1050/930/870
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (h) (CFM)		317.65/217.65/167.65
Indoor noise level (Hi/Med/Lo) [dB(A)]		36/32/23
Dehumidification (Pint/H)		---
<b>Indoor unit</b>		
Dimension (WxDxH) (inch)		33.66x9.09x11.69
	(mm)	855x231x297
Packing(WxDxH) (inch)		36.22x12.20x14.57
	(mm)	920x310x370
Net/Gross weight (lbs.)		22.71/28.88
	(kg)	10.3/13.1

OUTDOOR UNIT DATA		
<b>Compressor</b>		
Type		KSK103D33UEZ3
Model		ROTARY
Brand		GMCC
Capacity (Btu/h)		6944 / 11107
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 (WxDxH) (inch)		30.12x11.93x21.85
	(mm)	765x303x555
Packing (WxDxH) (inch)		34.92x13.27x24.02
	(mm)	887x337x610
Net/ Gross weight (lbs.)		63.71/69.00
	(kg)	28.9/31.3

