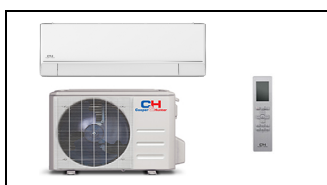


CH-09MASTWM-230VI / CH-HPR09-230VO	9,000 BTU/H(208/230V)	Wall Mounted Heat Pump System
Location: _____	Approval: _____	
Engineer: _____	Date: _____	
Submitted to: _____	Construction: _____	
Submitted by: _____	Unit #: _____	
Reference: _____	Drawing #: _____	

CH-09MASTWM-230VI
CH-HPR09-230VO

Set Model
Indoor unit model CH-09MASTWM-230VI
Outdoor unit model CH-HPR09-230VO

Certified
AHRI
UL



SYSTEM PERFORMANCE DATA

Power supply		
Normal Operational Voltage (V, Ph, Hz)		208/230, 1.60
Voltage Range (V)		187-253
Electrical		
Minimum circuit ampacity (A)		15.0
Max.fuse (A)		15.0
Cooling		
Rated Capacity (Btu/h)		9000
Capacity Range (Btu/h)		3300-14300
Power Input (Max) (W)		556
Rated current (A)		2.5
SEER (Btu/W)		28.1
EER (Btu/W)		16.2

Heating at 47F		
Rated Capacity (Btu/h)		11800
Capacity Range (Btu/h)		5000-15200
Power Input (Max) (W)		907
Rated current (A)		4.1
HSPF4 (Btu/W)		13.0
HSPF5 (Btu/W)		11.0
COP W/W		3.81
Heating at 17F		
Max Capacity (Btu/h)		12000

REFRIGERANT PIPE DATA

Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/41.62
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 / 32~81
(Deg. °C)		16~32 / 0~27
Outdoor(cooling/heating) (Deg. °F)		-22~-122 / -22~-75
(Deg. °C)		-30~50 / -30 ~ 24
Application area (sq.ft)		129.17~193.75
(m2)		12~18

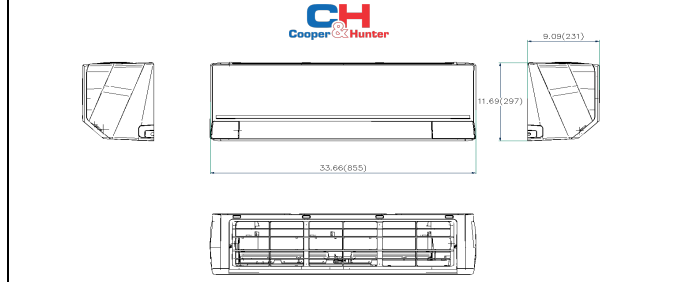
INDOOR UNIT DATA

Indoor fan motor		
Type		Cross-Flow
Model		ZKFP-20-8-6-21
Qty		1
Input (W)		50.0
RLA (A)		0.25
LRA (A)		--
Winding Resistance (Ω)		--
Capacitor (uF)		--
Speed(Hi/Mi/Lo) (r/min)		1100/850/700
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (N) (CFM)		335.29/229.41/176.47
Indoor noise level (Hi/Med/Lo) [dB(A)]		38/33.5/23.5
Dehumidification (Pint/H)		--
Indoor unit		
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

Compressor		
Type		KTN110D42UFZ
Model		DUAL ROTARY
Brand		GMCC
Capacity (Btu/h)		11822.58
Input (W)		885
Rated current (RLA) (A)		-
Refrigerant oil/oil charge (ml)		-
Throttle		Capillary +EXV
Outdoor fan motor		
Model		ZKFN-34-10-1
Qty		1
Input (W)		--
RLA (A)		--
Speed (r/min)		850/680/450
Air flow & Noise level		
Outdoor air flow (Max.) (CFM)		1323.50
Outdoor noise level [dB(A)]		54.5
Outdoor unit		
Dimension (WxDxH) (inch)		31.69x12.99x21.81
	(mm)	805x330x554
Packing (WxDxH) (inch)		36.02x14.57x24.21
	(mm)	915x370x615
Net/ Gross weight (lbs.)		74.07/80.25
	(kg)	33.6/36.4

Indoor unit dimension



Outdoor unit dimension

