

SUBMITTAL DATA SHEET



CHF09CD(I)/CZP09CD(O)	Wall Mounted Heat Pump System
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Model
 Indoor unit model CHF09CD(I)
 Outdoor unit model CZP09CD(O)

Certified

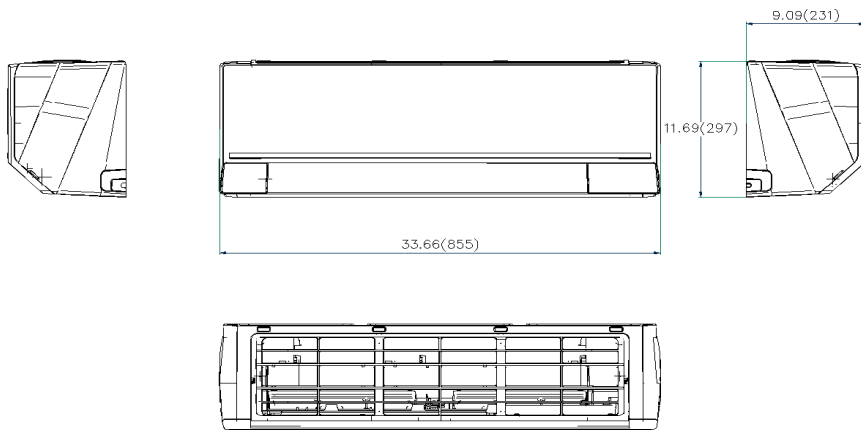
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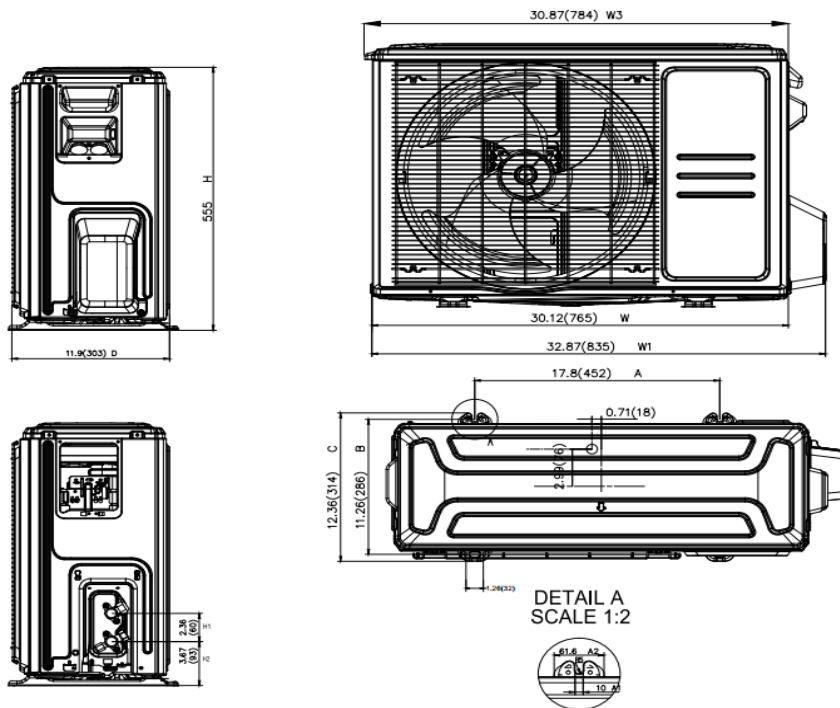
SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage (V, Ph, Hz)		208/230,1,60
Voltage Range (V)		187-253
Electrical		
Minimum circuit ampacity (A)		13.0
Max.fuse (A)		15.0
Connection wiring		16*4 AWG
Cooling		
Rated Capacity (Btu/h)		9000
Capacity Range (Btu/h)		2500~11900
Power Input (Max) (W)		600
Rated current (A)		2.61
SEER2 (Btu/W)		25.5
EER2 (Btu/W)		15.0
Heating at 47F		
Rated Capacity (Btu/h)		10000
Capacity Range (Btu/h)		3400~13000
Power Input (Max) (W)		742
Rated current (A)		3.23
HSPF2-4 (Btu/W)		11.7
HSPF2-5 (Btu/W)		8.7
COP W/W		3.95
Heating at 17F		
Max Capacity (Btu/h)		9500
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)		-13~122 / -13~75
		(Deg. °C) -25~50 / -25~24
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) (No duct) (CFM)		335.29/229.41/176.47
Indoor noise level (Hi/Med/Lo) [dB(A)]		38/34/23
Dehumidification (Pint/H)		
		--
Indoor unit		
Dimension (WxDxH) (inch)		31.30x8.86x11.61
		(mm) 795x225x295
Packing(WxDxH) (inch)		34.25x14.57x12.01
		(mm) 870x370x305
Net/Gross weight (lbs.)		10.3/13.1
		(kg) 22.71/28.88
OUTDOOR UNIT DATA		
Compressor		
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
Outdoor fan motor		
Model		ZKFN-34-10-1
Qty		1
Input (W)		--
RLA (A)		--
Speed (r/min)		800/600
Air flow & Noise level		
Outdoor air flow (Max.) (CFM)		1294.10
Outdoor noise level [dB(A)]		53
Outdoor unit		
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

Indoor unit dimension



Outdoor unit dimension



General Features

Intelligent Eye(optional)

Easy Installation

Easy Maintenance

Easy Clean

High Efficiency

Wireless Remote with LCD Display

Extended Performance Data