


SUBMITTAL DATA SHEET




CHF09CA(I)/CZP09CA(O)	Wall Mounted Heat Pump System
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

Set Model
 Indoor unit model CHF09CA(I)
 Outdoor unit model CZP09CA(O)

Certified

AHRI 

UL 

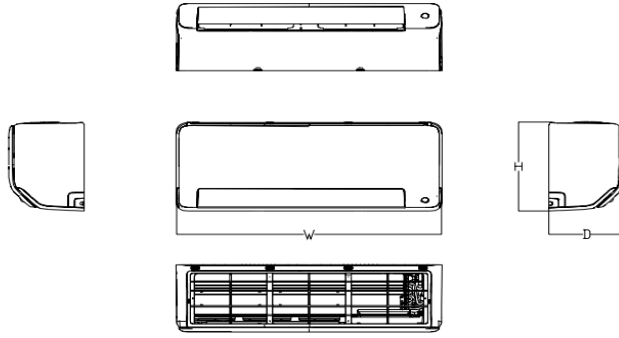


SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage (V, Ph, Hz)		115, 1, 60
Voltage Range (V)		103.5-126.5
Electrical		
Minimum circuit ampacity (A)		19.0
Max.fuse (A)		25.0
Connection wiring		16*4 AWG
Cooling		
Rated Capacity (Btu/h)		9000
Capacity Range (Btu/h)		2500~11900
Power Input (Max) (W)		621
Rated current (A)		5.4
SEER2 (Btu/W)		25.0
EER2 (Btu/W)		14.5
Heating at 47F		
Rated Capacity (Btu/h)		10000
Capacity Range (Btu/h)		3400~13000
Power Input (Max) (W)		742.0
Rated current (A)		6.5
HSPF2-4 (Btu/W)		9.9
HSPF2-5 (Btu/W)		7.6
COP W/W		3.95
Heating at 17F		
Max Capacity (Btu/h)		8500
REFRIGERANT PIPE DATA		
Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/39.5
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)	6.35/12.7
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)		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)		172.22~247.57
	(m2)	16~23

INDOOR UNIT DATA		
Indoor fan motor		
Type		Cross-Flow
Model		ZKFP-20-8-113
Qty		1
Input (W)		35.0
RLA (A)		0.2
LRA (A)		--
Winding Resistance (Ω)		--
Capacitor (uF)		--
Speed(Hi/Mi/Lo) (r/min)		1200/910/720
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct) (CFM)		352.94/294.12/235.29
Indoor noise level (Hi/Med/Lo) [dB(A)]		40.5/35/23.5
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.)		22.93/29.10
	(kg)	10.4/13.2

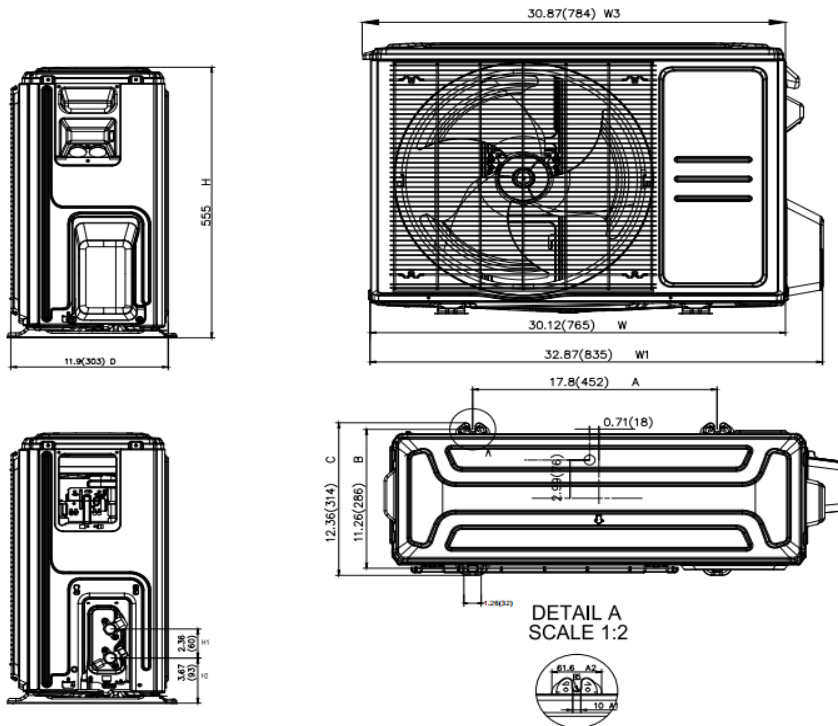
OUTDOOR UNIT DATA		
Compressor		
Type		KSK103D33UEZ3
Model		ROTARY
Brand		GMCC
Capacity (Btu/h)		6944 / 11107
Input (W)		325 / 826
Rated current (RLA) (A)		--
Refrigerant oil/oil charge (ml)		--
Throttle		Capillary +EXV
Outdoor fan motor		
Model		ZKFN-34-10-1
Qty		1
Input (W)		--
RLA (A)		--
Speed (r/min)		850/600
Air flow & Noise level		
Outdoor air flow (Max.) (CFM)		794.12
Outdoor noise level [dB(A)]		54
Outdoor unit		
Dimension (WxDxH) (inch)		30.12x11.93x21.85
	(mm)	765x303x555
Packing (WxDxH) (inch)		34.92x13.27x24.02
	(mm)	887x337x610
Net/ Gross weight (lbs.)		66.80/72.31
	(kg)	30.3/32.8

Indoor unit dimension



Capacity	Body Code	W(mm/inch)	D(mm/inch)	H(mm/inch)
9k~12k	B	795/31.3	225/8.86	295/11.61
18k~24k	C	965/38	239/9.41	319/12.56
24k~36k	D	1140/44.88	275/10.83	370/14.57

Outdoor unit dimension



General Features

Intelligent Eye(optional)
Easy Installation
Easy Maintenance
Easy Clean
High Efficiency
Wireless Remote with LCD Display

Extended Performance Data