

SUBMITTAL DATA SHEET

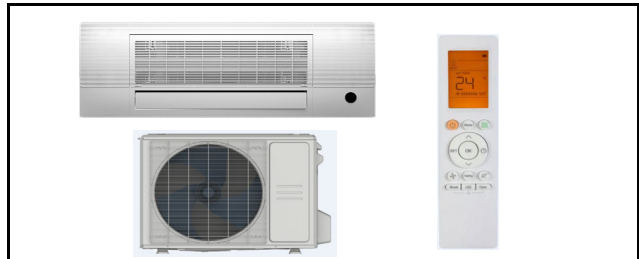


T1W9P/CHF09CD(O)	9,000 BTU/H(208/230V) Wall Mounted Heat Pump System
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

Set Code
Indoor unit code
Outdoor unit code

Set Model
Indoor unit model: T1W9P
Outdoor unit model: CHF09CD(O)

Certified



SYSTEM PERFORMANCE DATA

Power supply		
Normal Operational Voltage (V, Ph, Hz)		208/230V, 1Ph, 60Hz
Voltage Range (V)		187-253
Electrical		
Minimum circuit ampacity (A)		15.0
Max.fuse (A)		15.0
Connection wiring		14*4 AWG
Cooling		
Rated Capacity (Btu/h)		9000(3600~12200)
Capacity Range (Btu/h)		9000(3600~12200)
Power Input (W)		692(282~1150)
Rated current (A)		3.10(1.4~5.2)
SEER2 (Btu/W)		24.0
EER2 (Btu/W)		13.0
Heating		
Rated Capacity (Btu/h)		10900(4800~14000)
Capacity Range (Btu/h)		10900(4800~14000)
Power Input (W)		968(391~1400)
Rated current (A)		5.24(2.1~6.3)
HSPF2-4 (Btu/W)		12.4
HSPF2-5 (Btu/W)		9.5
COP	W/W	3.30
Heat at 17F (Btu/h)		11400
Heat at 5F (Btu/h)		10400
COP at 5F	W/W	1.8

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	EXV
Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/41.62ozs
Refrigerant precharge (ft)		25.0
	(m)	7.5
Additional charge for each ft (oz/ft)		0.16
Additional charge for each m (g/m)		15.0
Liquid side/ Gas side(indoor) (inch)		1/4" / 3/8"
	(mm)	6.35/9.52
Liquid side/ Gas side(outdoor) (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

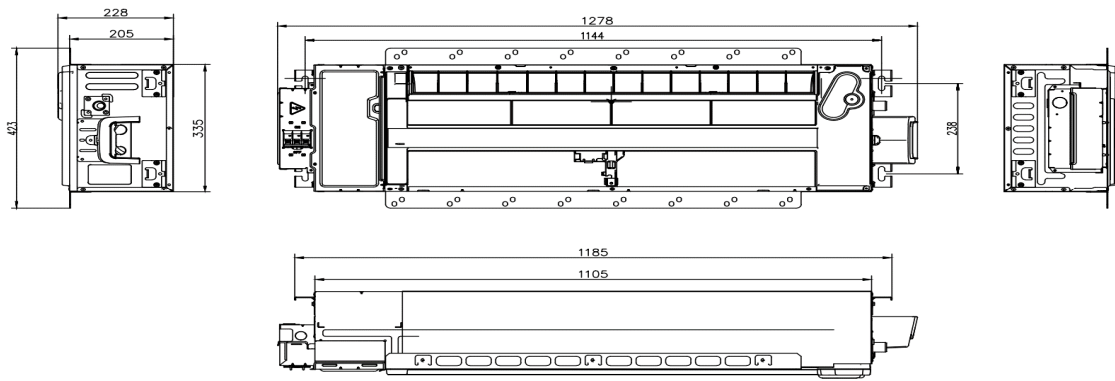
INDOOR UNIT DATA

Indoor fan motor		
Type		Centrifugal
Model		ZKFN-30-8-43
Qty		1
Input (W)		--
Output (W)		30.0
RLA (A)		0.8
Speed(Hi/Mi/Lo) (r/min)		1024/944/784
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct) (CFM)		294.12/258.82/235.29
Indoor noise level (Hi/Med/Lo) [dB(A)]		37.5/35.5/31
Dehumidification (Pint/H)		
Indoor unit		
Dimension (WxDxH) (inch)		50.31x13.19x8.98
	(mm)	1278x335x228
Packing(WxDxH) (inch)		57.60x22.48x22.64
	(mm)	1463x571x575
Net/Gross weight (lbs.)		43.87/81.35
	(kg)	19.9/36.9

OUTDOOR UNIT DATA

Compressor		
Type		ROTARY
Model		KTN110D42UFZ
Brand		GMCC
Capacity (Btu/h)		11823
Input (W)		885
Rated current (RLA) (A)		8.8
Refrigerant oil/oil charge (ml)		VG74/350
Outdoor fan motor		
Model		ZKFN-34-10-1
Qty		1
Input (W)		--
Output (W)		34
RLA (A)		0.42
Speed (r/min)		850/680/450
Air flow & Noise level		
Outdoor air flow (Max.) (CFM)		1324
Outdoor noise level [dB(A)]		2250
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

