

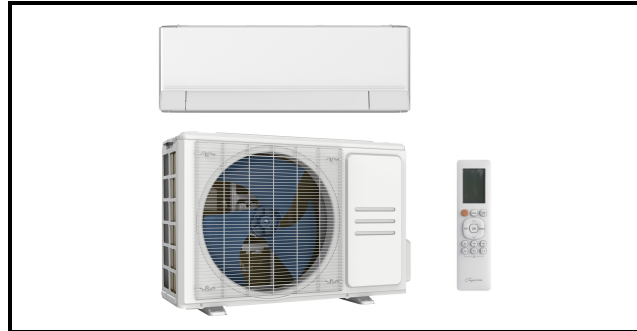


VMH24SV-1	24,000 BTU/H(208/230V)	Wall Mounted Heat Pump System
Location: _____	Approval: _____	
Engineer: _____	Date: _____	
Submitted to: _____	Construction: _____	
Submitted by: _____	Unit #: _____	
Reference: _____	Drawing #: _____	

Set Code	22022010015139
Indoor unit code	22022011016422
Outdoor unit code	22022016015920
Set Model	
Indoor unit model	B-VMH24SV-1
Outdoor unit model	A-VMH24SV-1
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)	25.0
Max.fuse	(A)	35.0
Connection wiring		16*4 AWG
Cooling		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	6850~27000
Power Input (Max)	(W)	1845
Rated current	(A)	8.1
SEER	(Btu/W)	21.5
EER	(Btu/W)	13
Heating at 47F		
Rated Capacity	(Btu/h)	29000
Capacity Range	(Btu/h)	11900~31000
Power Input (Max)	(W)	2500
Rated current	(A)	10.9
HSPF4	(Btu/W)	12
HSPF5	(Btu/W)	10
COP	W/W	3.40
Heating at 17F		
Max Capacity	(Btu/h)	19800

REFRIGERANT PIPE DATA

Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/91.7
Refrigerant precharge	(ft)	25.0
	(m)	7.6
Additional charge for each ft	(oz/ft)	0.32
	(g/ft)	30
Liquid side/ Gas side	(inch)	3/8" / 5/8"
	(mm)	9.52/15.9
Max. pipe length	(ft)	164.0
	(m)	50.0
Max. difference in level	(ft)	82.0
	(m)	25.0
Connection method		(Flared)
Indoor(cooling/ heating)	(Deg. °F)	63~90 / 32~86
	(Deg. °C)	17~32 / 0~30
Outdoor(cooling/heating)	(Deg. °F)	-22~122 / -22~86
	(Deg. °C)	-30~50 / -30~30
Application area	(sq.ft)	344.44~505.90
	(m2)	32~47

INDOOR UNIT DATA

Indoor fan motor		
Type		Cross-Flow
Model		ZKFP-58-8-1-6
Qty		1
Input	(W)	58.0
RLA	(A)	0.5
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1000/850/700
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No d)	(CFM)	611.18/414.12/318.82
Indoor noise level (Hi/Med/Lo)	[dB(A)]	46/39/34
Dehumidification		
	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	44.88x10.83x14.57
	(mm)	1140x275x370
Packing(WxDxH)	(inch)	48.43x17.91x13.98
	(mm)	1230x455x355
Net/Gross weight	(lbs.)	43.65/54.89
	(kg)	19.8/24.9

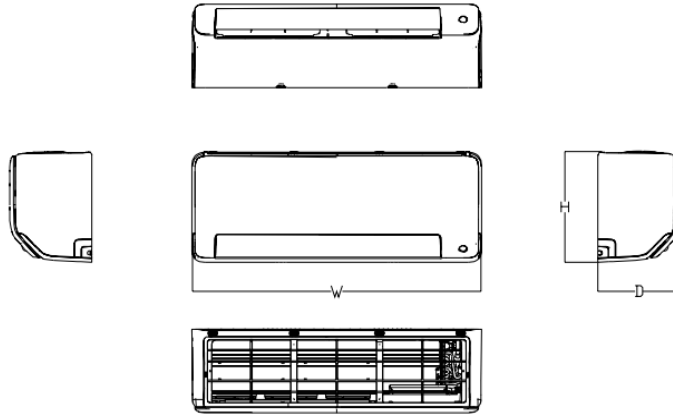
OUTDOOR UNIT DATA

Compressor		
Type		KTM240D43UKT
Model		DUAL ROTARY
Brand		GMCC
Capacity	(Btu/h)	25932.27641
Input	(W)	2045
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	-
Throttle		Capillary +EXV
Outdoor fan motor		
Model		ZKFN-120-8-2
Qty		1
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	1150/1050/900/850
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	2235.30
Outdoor noise level	[dB(A)]	62
Outdoor unit		
Dimension (W×D×H)	(inch)	37.24x16.14x31.89
	(mm)	946x410x810
Packing (W×D×H)	(inch)	42.91x19.69x34.84
	(mm)	1090x500x885
Net/ Gross weight	(lbs.)	134.48/144.40
	(kg)	61/65.5

Indoor unit dimension

General Features

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



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

