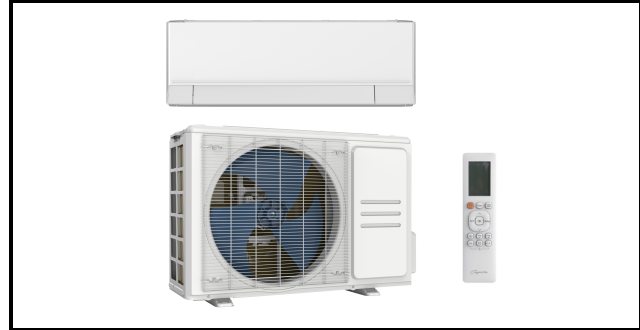


VMH18SV-1	18,000 BTU/H(208/230V)	Wall Mounted Heat Pump System
Location: _____	Approval: _____	
Engineer: _____	Date: _____	
Submitted to: _____	Construction: _____	
Submitted by: _____	Unit #: _____	
Reference: _____	Drawing #: _____	

Set Code	22022010015157
Indoor unit code	22022011016461
Outdoor unit code	22022016015900
Set Model	
Indoor unit model	B-VMH18SV-1
Outdoor unit model	A-VMH18SV-1
Certified	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">AHRI</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">UL</div> </div>



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)	16.0
Max.fuse	(A)	25.0
Connection wiring		16*4 AWG
Cooling		
Rated Capacity	(Btu/h)	18000
Capacity Range	(Btu/h)	8870~19400
Power Input (Max)	(W)	1440
Rated current	(A)	6.3
SEER	(Btu/W)	21.5
EER	(Btu/W)	12.5
Heating at 47F		
Rated Capacity	(Btu/h)	18000
Capacity Range	(Btu/h)	15100~19500
Power Input (Max)	(W)	1700
Rated current	(A)	7.3
HSPF4	(Btu/W)	13
HSPF5	(Btu/W)	11
COP	W/W	3.10
Heating at 17F		
Max Capacity	(Btu/h)	20270
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/65.2
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)	98.0
	(m)	30.0
Max. difference in level	(ft)	66.0
	(m)	20.0
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)	258.33~376.74
	(m2)	24~35

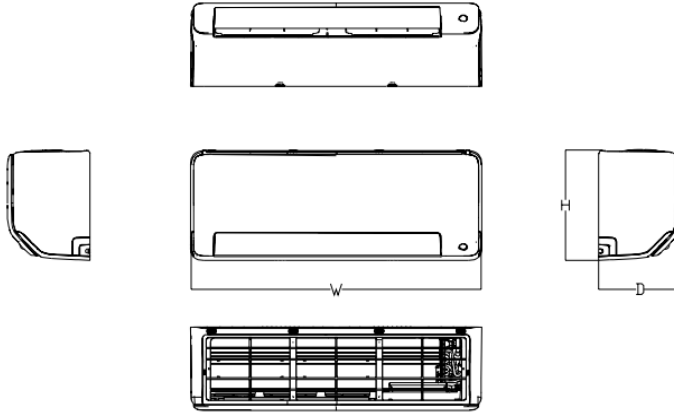
INDOOR UNIT DATA		
Indoor fan motor		
Type		Cross-Flow
Model		ZKFP-30-8-3-10
Qty		1
Input	(W)	36.0
RLA	(A)	0.4
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1240/1024/916
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No c	(CFM)	523.53/376.47/305.88
Indoor noise level (Hi/Med/Lo)	[dB(A)]	46/42/24
Dehumidification		
	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	37.99x9.41x12.56
	(mm)	965x239x319
Packing(WxDxH)	(inch)	41.14x15.75x12.80
	(mm)	1045x400x325
Net/Gross weight	(lbs.)	27.12/35.71
	(kg)	12.3/16.2

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-80-8-3
Qty		1
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	810/720
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1764.70
Outdoor noise level	[dB(A)]	59
Outdoor unit		
Dimension (WxDxH)	(inch)	35.04x13.46x26.50
	(mm)	890x342x673
Packing (WxDxH)	(inch)	39.17x15.67x29.13
	(mm)	995x398x740
Net/ Gross weight	(lbs.)	100.97/108.03
	(kg)	45.8/49

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

