

Submittal Data

A-VMH18DU-1 Outdoor Unit

Project Name:	
Location:	
Engineer:	
Submitted to:	
Submitted by:	
Reference:	
Outdoor Model	A-VMH18DU-1
Outdoor Unit Factory Mod.	M2OH-18HFN1-M

Approval:	
Date:	
Construction:	
Unit #:	
Drawing #:	



PERFORMANCE DATA		
Power supply	Ph-V-Hz	208-230V~60Hz, 1Ph
Number of Zones		2
Cooling		
Capacity	Btu/h	19000
Input	W	
Rated current	A	
EER	Btu/w	12.5
SEER	Btu/w	21.5
Heating		
Capacity	Btu/h	20000
Input	W	
Rated current	A	
COP	W/W	3.4
HSPF4		9.8
HSPF5		8.5
Heating at 17°	Btu/w	
Heating at 5 F (-15°C)	Btu/w	20000
MINIMUM CIRCUIT AMPACITY	A	25.0
MAX.FUSE	A	35.0
Compressor Electrical		
Model		ATF235D22UMT
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	24345
Input	W	1970
Rated current(RLA)	A	20.00
Coil Treatment		Gold Fin
Thermal protector position		
Refrigerant oil/oil charge	ml	POE(VG74)/670
Connection wiring		14/4 STRANDED
Air flow & Noise level		
Outdoor air flow	CFM	2130
Outdoor noise level	dB(A)	63.4

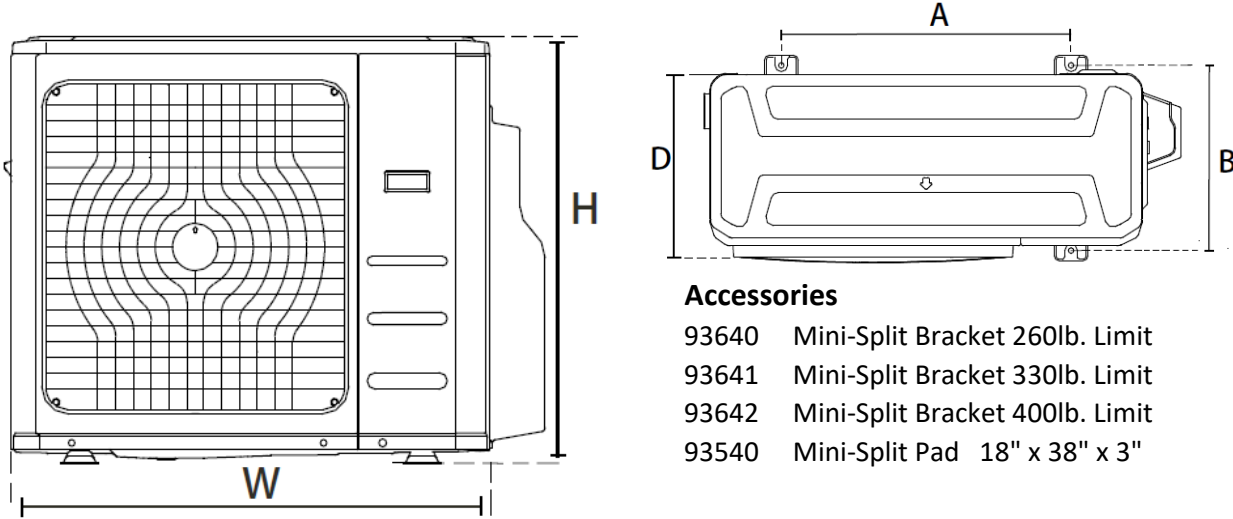
Outdoor fan motor		
Model		ZKFN-120-8-2
Brand		
Input	W	150
RLA	A	
LRA	A	0.9
Winding Resistance	Ω	
Capacitor	uF	
Speed	r/min	150 to 1000
Outdoor unit		
Dimension(W*D*H)	inch	37.24x16.14x31.89
Packing (W*D*H)	inch	42.91x19.69x34.84
Net/Gross weight	lbs.	152.12/160.94

SYSTEM DATA		
Design pressure	PSIG	550/340
Refrigerant type	oz	R410A/98.8
Refrigerant precharge	ft	50
Additional charge per ft.	oz	0.161
Liquid side/ Gas side	in	2 x(1/4"/3/8")
Max. length 1 unit	ft	82
Max. length all units	ft	131
Max. height diff. in to in	ft	33
Max. height diff. in/out	ft	49
Thermostat type		Remote control

Ambient temperature		
Outdoor(cooling)	Deg. F	-22
Outdoor(heating)	Deg. F	-22

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Accessories

- 93640 Mini-Split Bracket 260lb. Limit
- 93641 Mini-Split Bracket 330lb. Limit
- 93642 Mini-Split Bracket 400lb. Limit
- 93540 Mini-Split Pad 18" x 38" x 3"

Model	W (inch)	D (inch)	H (inch)
A-VMH18DU-1	37.24	16.14	31.89

A (inch)	B (inch)
25.2	15.95