



Submittal Data Sheet

Project Name:			Approval:	
Location:			Date:	
Engineer:			Construction:	
Submitted to:			Unit #:	
Submitted by:			Drawing #:	
Reference:				

Code	2T0033100187
Factory model	US1-KFR96GW/BP3N1Y-11M1(N10)-W
Indoor code	220033102040
Indoor unit factory model	US1-KFR96G/BP3N1Y-11M1(N10)-W
Outdoor code	220038101880
Outdoor unit factory model	US1-KFR96W/BP3N1-350(N10)-W
Model	MS11M-33HRFN1-MN10W
Indoor	MEHS-33AVH2
Outdoor	MCHS-33AVH2



PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V~60Hz ,1Ph
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Cooling

Capacity	Btu/h	33000
Input	W	3882
Rated current	A	16.9
EER	Btu/w	8.5
SEER	Btu/w	15

Heating

Capacity	Btu/h	35500
Input	W	3944
Rated current	A	17.2
COP	W/W	2.64
HSPF4		9.6
HSPF5		8.2
Low temperature heating capacity	Btu/h	/
Low temperature heating capacity	Btu/h	/
MINIMUM CIRCUIT AMPACITY	A	20
MAX.FUSE	A	30
Moisture Removal	L/h	/

Compressor Electrical

Model		TNB306FPGMC-L
Type		Rotary
Brand		MITSUBISHI
Capacity	Btu/h	33710
Input	W	3010
Rated current(RLA)	A	13.5
Locked rotor Amp(LRA)	A	----
Thermal protector		----
Thermal protector position		----

INDOOR UNIT DATA

Indoor fan motor		
Model		WZDK60-38G
Brand		Shibaura
Input		60(Output)
RLA	A	0.3
LRA	A	----
Winding Resistance	Ω	----
Capacitor	uF	----
Speed(Hi/Mi/Lo)	r/min	1200/1100/900
Air flow & Noise level		
Indoor air flow (Hi/Mi/Lo)	CFM	795/730/595
Indoor noise level (Hi/Mi/Lo)	dB(A)	50.5/45/39

Indoor unit

Dimension(W*D*H)	inch	46.69x10.16x13.39
Packing (W*D*H)	inch	49.80x16.53x13.39
Net/Gross weight	lbs.	40.12/50.26

OUTDOOR UNIT DATA

Outdoor fan motor		
Model		WZDK120-38G-W
Brand		welling
Input		120(Output)
RLA	A	0.5
LRA	A	----
Winding Resistance	Ω	----
Capacitor	uF	----
Speed	r/min	950/800/750
Air flow & Noise level		
Outdoor air flow	CFM	2530
Outdoor noise level	dB(A)	64

Refrigerant oil/oil charge	ml	FY50S 1070
Connection wiring		16AWG*4 Stranded, unshielded
Plug type		/
Thermostat type		Remote Control

SYSTEM DATA

Design pressure	MPa	550/340 PSIG
Refrigerant type	oz	R410A/105.82
Refrigerant precharge	ft	25
Additional charge per ft.	oz	0.322
Liquid side/ Gas side	mm(in)	Φ9.52/Φ16(3/8"/5/8")
Max. refrigerant pipe length	ft	164
Max. difference in level	ft.	82
Application area	sq.ft	473-694

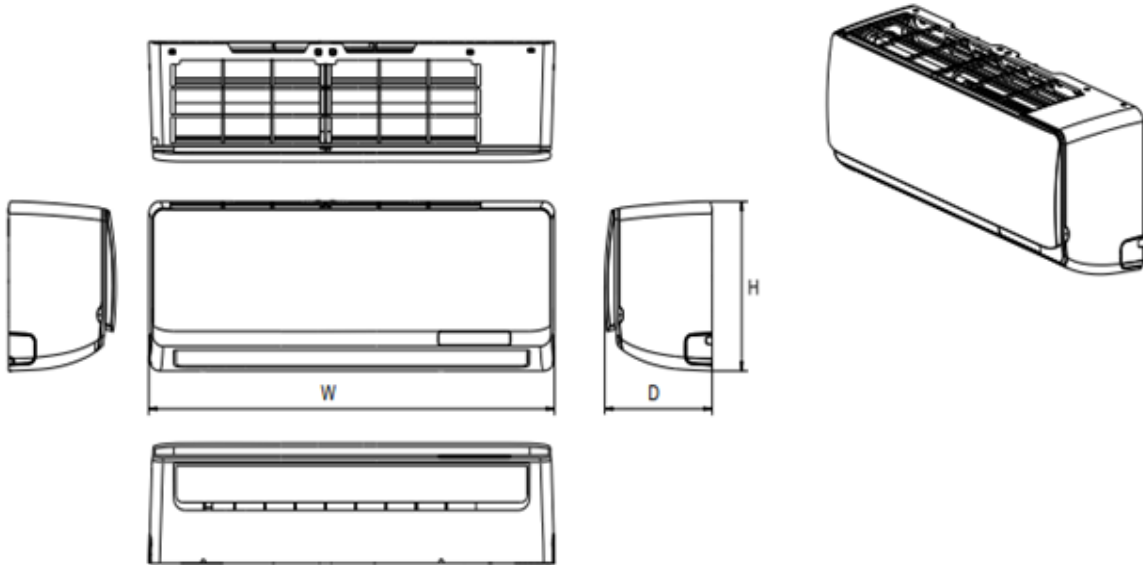
Outdoor unit

Dimension(W*D*H)	inch	37.20x15.55x31.89
Packing (W*D*H)	inch	42.91x18.70x33.66
Net/Gross weight	lbs.	154.98/165.12

Operation temperature

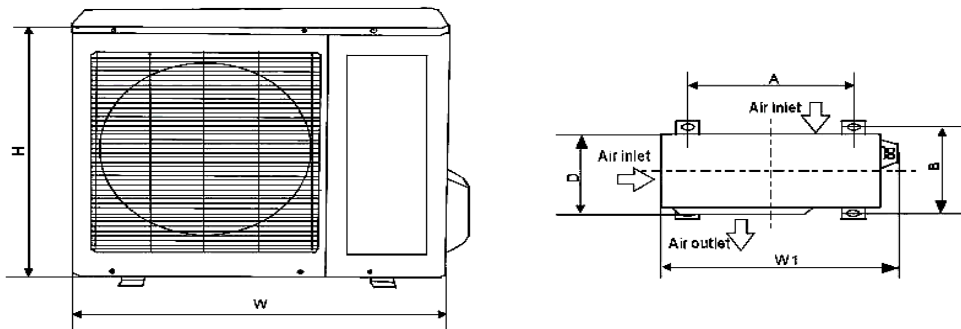
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	5~122/5~86
Outdoor(cooling/heating)-opt	Deg. F	/

INDOOR UNIT



Model	W (inch)	H (inch)	D (inch)
MEHS-33AVH2	46.69	10.16	13.39

OUTDOOR UNIT



Model	W (inch)	H (inch)	D (inch)	W1 (inch)	A (inch)	B (inch)
MCHS-33AVH2	37.20	15.55	31.89	40.55	25.20	15.94

