



Submittal Data Sheet

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

Code	2T0033100186
Factory model	US1-KFR83GW/BP3N1Y-11M1(R0)-W
Indoor code	220033102030
Indoor unit factory model	US1-KFR83G/BP3N1Y-11M1(R0)-W
Outdoor code	220038101870
Outdoor unit factory model	US1-KFR83W/BP3N1-350(R0)-W
Model	MS11M-28HRFN1-MR0W
Indoor	MEHS-28AVH2
Outdoor	MCHS-28AVH2



PERFORMANCE DATA

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

Cooling

Capacity	Btu/h	28500
Input	W	2850
Rated current	A	12.4
EER	Btu/w	10
SEER	Btu/w	18

Heating

Capacity	Btu/h	32000
Input	W	3000
Rated current	A	13.0
COP	W/W	3.12
HSPF4		9.6
HSPF5		7.6
Low temperature heating capacity	Btu/h	/
Low temperature heating capacity	Btu/h	/
MINIMUM CIRCUIT AMPACITY	A	15
MAX.FUSE	A	25
Moisture Removal	L/h	/

Compressor Electrical

Model		DA250S2C-30MT
Type		Twin-rotary
Brand		GMCC
Capacity	Btu/h	26289
Input	W	2120
Rated current(RLA)	A	8.85
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	765/720/590
Indoor noise level (Hi/Mi/Lo)	dB(A)	51/45.5/40

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-1
Brand		Shibaura
Input		120(Output)
RLA	A	0.5
LRA	A	----
Winding Resistance	Ω	----
Capacitor	uF	----
Speed	r/min	850/750/700
Air flow & Noise level		
Outdoor air flow	CFM	2530
Outdoor noise level	dB(A)	61

Refrigerant oil/oil charge	ml	ESTER OIL VG74/820
Connection wiring		16AWG*4 Stranded, unshielded
Plug type		/
Thermostat type		Remote Control

SYSTEM DATA

Design pressure	MPa	550/340 PSIG
Refrigerant type	oz	R410A/79.36
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	409-599

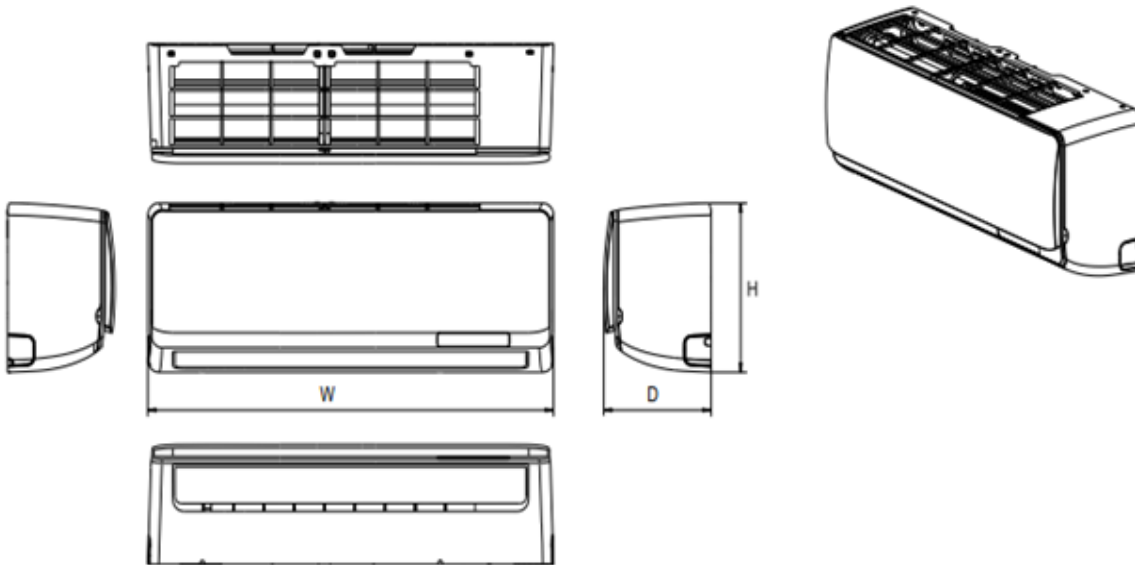
Outdoor unit

Dimension(W*D*H)	inch	37.20x15.55x31.89
Packing (W*D*H)	inch	42.91x18.70x33.66
Net/Gross weight	lbs.	126.98/137.13

Operation temperature

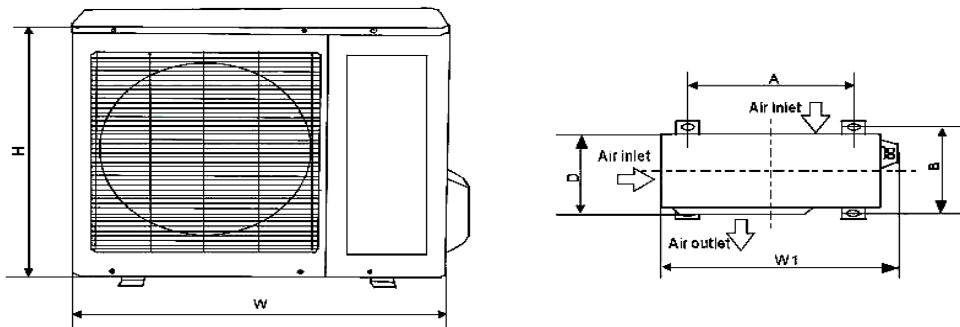
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	5~122/5~86
Outdoor(cooling/heating)opt	Deg. F	/

INDOOR UNIT



Model	W (inch)	H (inch)	D (inch)
MEHS-28AVH2	46.69	10.16	13.39

OUTDOOR UNIT



Model	W (inch)	H (inch)	D (inch)	W1 (inch)	A (inch)	B (inch)
MCHS-28AVH2	37.20	15.55	31.89	40.55	25.20	15.94

