



## Submittal Data Sheet

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

Code	2T0033100128
Factory model	US1-KFR105GW/BP2N1Y-CC12(N5)-W(IR)
Indoor code	220033101390
Indoor unit factory model	US1-KFR105G/BP2N1Y-CC12(N5)-W(IR)
Outdoor code	220038101300
Outdoor unit factory model	US1-KFR105W/BP2N1-520(N5)-W(IR)
Model	MEH-36LiH2
Indoor	MEH-36LiH2
Outdoor	MCH-36LiH2



### PERFORMANCE DATA

Power supply	Ph-V-Hz	230V~ 60Hz, 1Ph
<b>Cooling</b>		
Capacity	Btu/h	36000
Input	W	4000
Rated current	A	17.8
EER	Btu/w	8.8
SEER	Btu/w	14.5
<b>Heating</b>		
Capacity	Btu/h	36000
Input	W	3400
Rated current	A	15.2
COP	W/W	3
HSPF4		9
HSPF5		/
Low temperature heating capacity (2°C)	Btu/h	/
Low temperature heating capacity (-7°C)	Btu/h	/
MINIMUM CIRCUIT AMPACITY	A	20.0
MAX.FUSE	A	30.0
Moisture Removal	L/h	4.0

### INDOOR UNIT DATA

Indoor fan motor		
Model		YDK65-4B
Brand		Welling
Input		113/87/68
RLA	A	0.78
LRA	A	0.8
Winding Resistance	Ω	81/75.5
Capacitor	uF	3.0
Speed(Hi/Mi/Lo)	r/min	1260 / 1090 / 950
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Mi/Lo)	CFM	970/840/740
Indoor noise level (Hi/Mi/Lo)	dB(A)	50/46/42

### Indoor unit

Dimension(W*D*H)	inch	56.89x10.91x13.39
Packing (W*D*H)	inch	60.24x16.54x14.37
Net/Gross weight	lbs.	52.91/70.55

### OUTDOOR UNIT DATA

Outdoor fan motor		
Model		YDK180-8GB
Brand		Welling
Input		299/223
RLA	A	1.36
LRA	A	2
Winding Resistance	Ω	24.5/19
Capacitor	uF	10
Speed	r/min	750 / -- / 615
<b>Air flow &amp; Noise level</b>		
Outdoor air flow	CFM	2240
Outdoor noise level	dB(A)	65

### Outdoor unit

Dimension(W*D*H)	inch	38.98x13.58x37.99
Packing (W*D*H)	inch	44.09x17.13x43.31

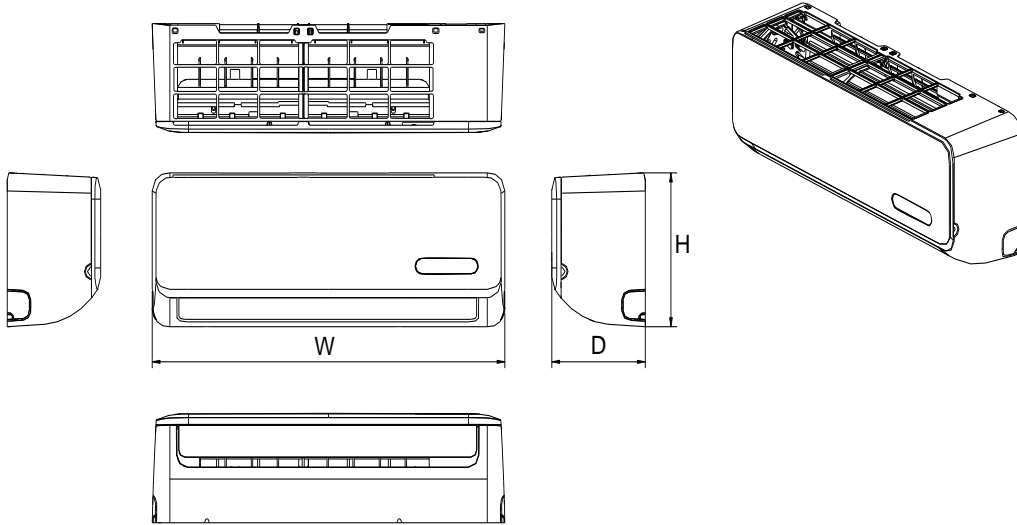
### Compressor Electrical

Model		TNB306FPGMC-L
Type		Twin-rotary
Brand		mitsubishi
Capacity	Btu/h	33711
Input	W	3010
Rated current(RLA)	A	13.5
Locked rotor Amp(LRA)	A	-----
Thermal protector		-----
Thermal protector position		-----
Refrigerant oil/oil charge	ml	FV50S/1070
Connection wiring		16AWG*4
Plug type		/

Thermostat type		Remote Control
<b>SYSTEM DATA</b>		
Design pressure	MPa	550/340 PSIG
Refrigerant type	oz	R410A/97.0
Refrigerant precharge	ft	25
Additional charge per ft.	oz	0.322
Liquid side/ Gas side	mm(in)	Φ9.52/Φ15.9(3/8"/5/8")
Max. refrigerant pipe length	ft	213
Max. difference in level	ft.	98
Application area	sq.ft	568-946

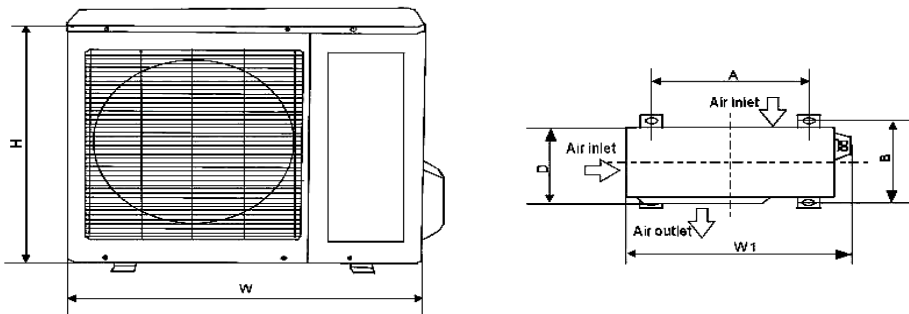
Net/Gross weight	lbs.	167.55/191.8
<b>Operation temperature</b>		
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	32~122/5~86
Outdoor(cooling/heating)-optional	Deg. F	5~122/5~86

**INDOOR UNIT**



Model	W (inch)	H (inch)	D (inch)
MEH-36LiH2	56.89	10.91	13.39

**OUTDOOR UNIT**



Model	W (inch)	H (inch)	D (inch)	W1 (inch)	A (inch)	B (inch)
MCH-36LiH2	38.98	13.58	37.99	42.32	24.57	14.41