



Submittal Form

Project Name:	
Location:	
Engineer:	
Submitted to:	
Submitted by:	
Reference:	

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

MODEL #	
INDOOR:	MEHSU-36CSD2
OUTDOOR:	MCHSU-36CSH2



ELECTRICAL

Power supply	Ph-V-Hz	1-208/230-60
Minimum Circuit Ampacity	A	30
Maximum Fuse Size	A	50

COOLING

Capacity	Btu/h	36000(14000-42100)
Input	W	NA
Rated current	A	NA
EER	Btu/w	8.5
SEER	Btu/w	15.5

HEATING

Capacity	Btu/h	38000(14000-42100)
Input	W	NA
Rated current	A	NA
COP	A	3.0
HSPF	W/W	10.5
Low temperature heating capacity (5f)	Btu/h	16000

COMPRESSOR

Model		ATF310DY3UMT
Type		ROTARY
Brand		GMCC
Input	W	2600
Rated Current (RLA)	A	22
Refrigerant Oil/Charge	ml	POE VG74/1000

SYSTEM DATA

Design pressure	MPa	550/340 PSIG
Refrigerant	oz	R410A/108
Refrigerant precharge	ft	25
Additional charge per ft.	oz	0.161
Liquid	mm(in)	9.52(3/8")
Gas	mm(in)	15.9(5/8")
Max. refrigerant pipe length	ft.	213
Max difference in level	ft.	98

INDOOR UNIT DATA

Indoor fan		MEHSU-36CSD2
Model		ZKFN-150-8-1
Brand		WELLING
Input	W	150
RLA	A	1.5
Speed(Hi/Mi/Lo)	r/min	1070/950/760
Indoor air flow (Hi/Mi/Lo)	CFM	1120/940/680
Indoor noise level (Hi/Mi/Lo)	dB(A)	53/51/47

INDOOR UNIT DIMENSIONS

Dimension(WxDxH)	inch	44.88X30.51X10.63
Packaging (WxDxH)	inch	53.35X31.3X13.78
Net/Gross weight	lbs.	74.96/89.29

OUTDOOR UNIT DATA

Outdoor fan		MCHSU-36CSH2
Model		ZKFN-120-8-2
Brand		WELLING
Input	W	120
RLA	A	1
Speed	r/min	950
Outdoor air flow	CFM	2530
Outdoor noise level	dB(A)	66

OUTDOOR UNIT DIMENSIONS

Dimension(WxDxH)	inch	37.24X16.1X31.9
Packaging (WxDxH)	inch	42.91X19.69X34.45
Net/Gross weight	lbs.	148.59/160.94

OPERATION TEMPERATURE

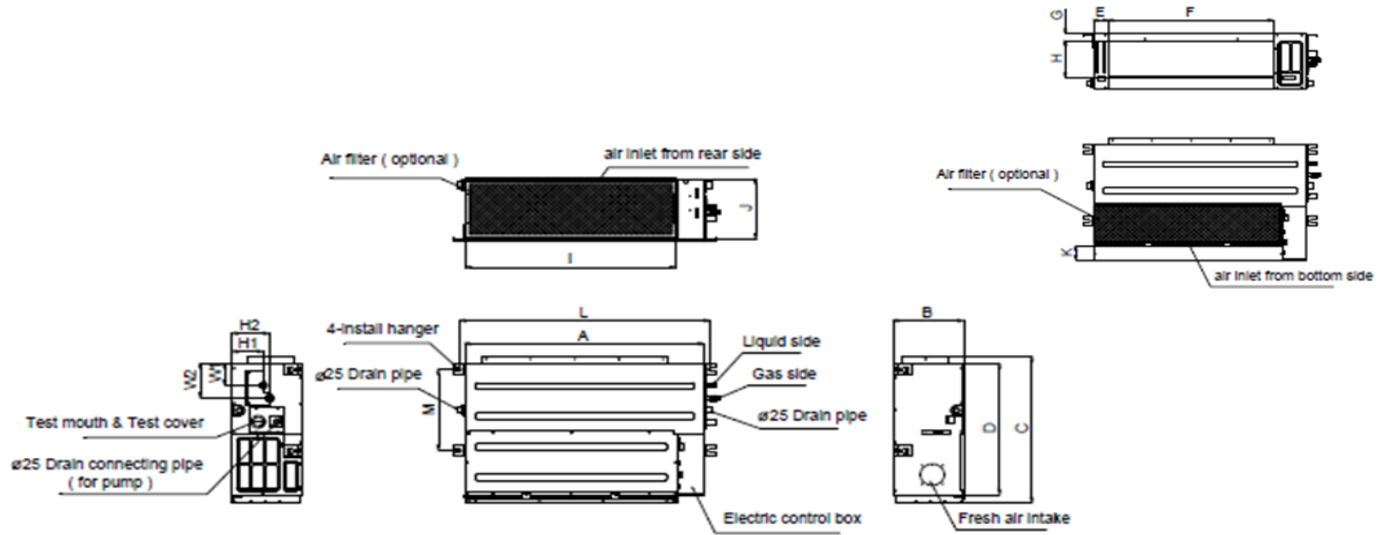
Indoor(cooling/ heating)	Deg. F	62-90/32-86
Outdoor(cooling/heating)	Deg. F	5-122/5-86

ACCESSORIES

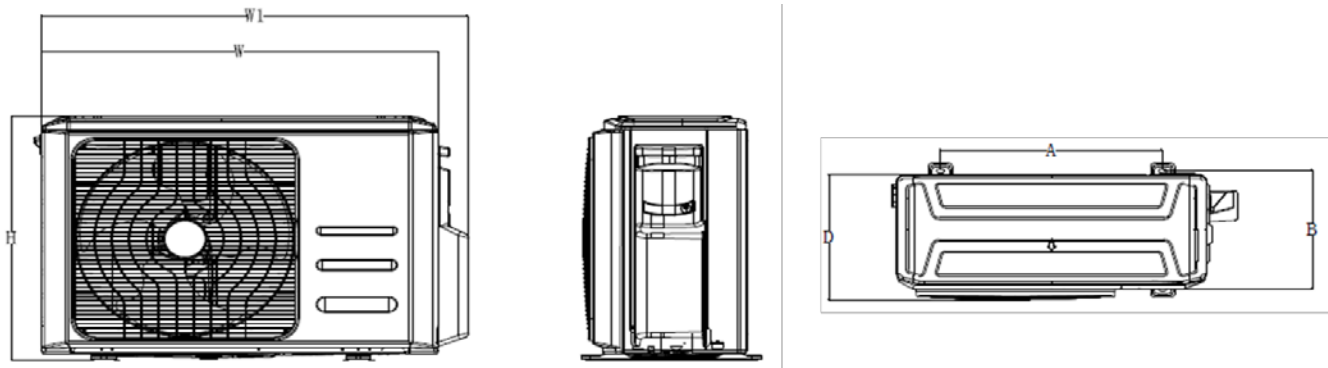
Electronic Panel (Wireless Eye)	Model#	A0028
Front Board	Model#	A0010
Installation Kit	Model#	Installation Kit 3

Midea America Corp.

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Dimensions	Outline Dimension				Air Outlet Opening Size				Air Return Opening Size		
	A	B	C	D	E	F	G	H	I	J	K
Inches	44 7/8	10 3/5	30 1/2	22 4/9	2 5/8	38 6/8	1 3/8	7 1/16	40 3/4	10 1/5	1 6/8



Dimensions	Width	Width 1	Depth	Height	A	B
Inches	37 1/4	40 5/8	16 1/8	31 7/8	26 1/2	15 7/8