



Submittal Form

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

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

MODEL #	
INDOOR:	MEHSU-18CHD2
OUTDOOR:	MCHSU-18PHH2



ELECTRICAL

Power supply	Ph-V-Hz	1-208/230-60
Minimum Circuit Ampacity	A	18
Maximum Fuse Size	A	25

COOLING

Capacity	Btu/h	16500(4500-18000)
Input	W	NA
Rated current	A	NA
EER	Btu/w	12.5
SEER	Btu/w	19.6

HEATING

Capacity	Btu/h	18000(5500-19000)
Input	W	NA
Rated current	A	NA
COP	A	3.48
HSPF	W/W	10.5
Low temperature heating capacity (5f)	Btu/h	18000

COMPRESSOR

Model		ATF235D22UMT
Type		ROTARY
Brand		GMCC
Input	W	1970
Rated Current (RLA)	A	12.5
Refrigerant Oil/Charge	ml	POE VG74/670

SYSTEM DATA

Design pressure	MPa	550/340 PSIG
Refrigerant	oz	R410A/68.9
Refrigerant precharge	ft	25
Additional charge per ft.	oz	0.161
Liquid	mm(in)	6.35(1/4")
Gas	mm(in)	9.52(1/2")
Max. refrigerant pipe length	ft.	98
Max difference in level	ft.	66

INDOOR UNIT DATA

Indoor fan		MEHSU-18CHD2
Model		ZKFN-90-8-1
Brand		WELLING
Input	W	90
RLA	A	1.5
Speed(Hi/Mi/Lo)	r/min	1080/950/860
Indoor air flow (Hi/Mi/Lo)	CFM	520/430/360
Indoor noise level (Hi/Mi/Lo)	dB(A)	36/34/30

INDOOR UNIT DIMENSIONS

Dimension(WxDxH)	inch	36.22X25X8.27
Packaging (WxDxH)	inch	44.68X25.79X11.42
Net/Gross weight	lbs.	50.71/60.63

OUTDOOR UNIT DATA

Outdoor fan		MCHSU-18PHH2
Model		ZKFN-50-8-2
Brand		WELLING
Input	W	50
RLA	A	0.42
Speed	r/min	850
Outdoor air flow	CFM	1355
Outdoor noise level	dB(A)	59

OUTDOOR UNIT DIMENSIONS

Dimension(WxDxH)	inch	33.3X14.3X27.6
Packaging (WxDxH)	inch	37.99X15.55X29.72
Net/Gross weight	lbs.	107.6/114.6

OPERATION TEMPERATURE

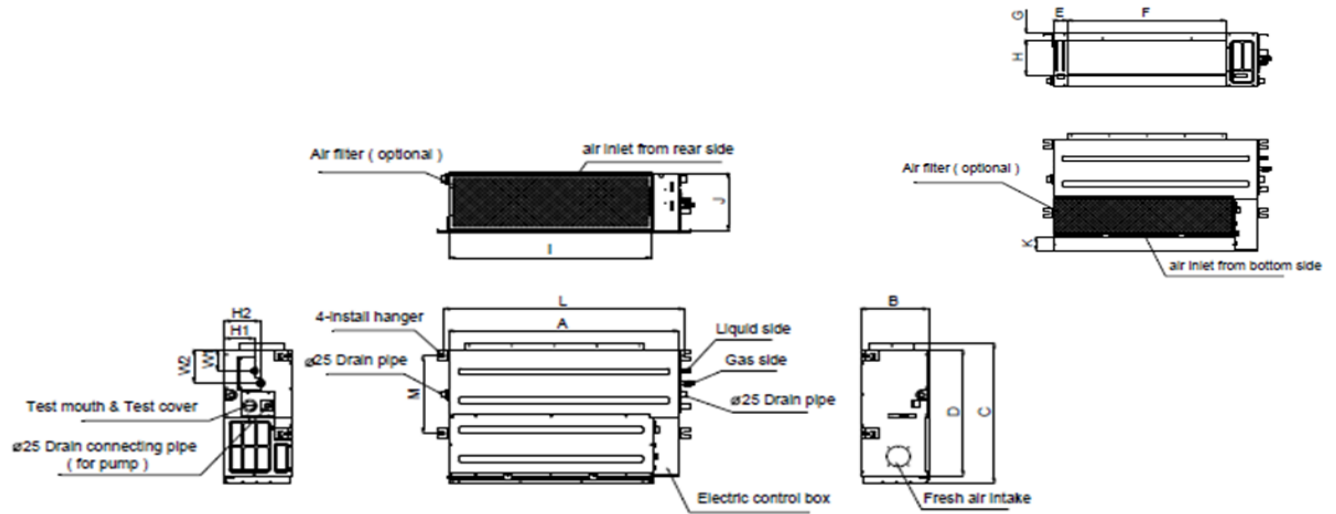
Indoor(cooling/ heating)	Deg. F	62-90/32-86
Outdoor(cooling/heating)	Deg. F	-22-122/-22-86

ACCESSORIES

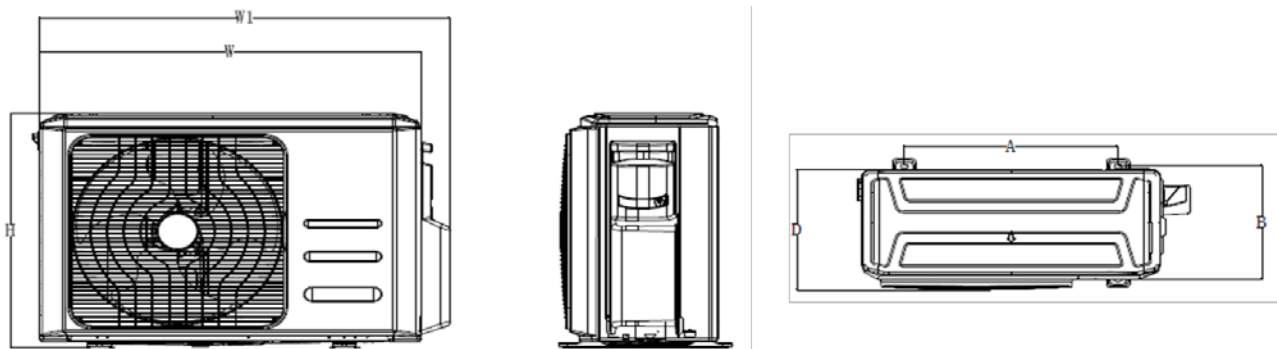
Electronic Panel (Wireless Eye)	Model#	A0026
Front Board	Model#	A008
Installation Kit	Model#	Installation Kit 2

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	36 1/4	8 1/4	25	22 4/9	2 5/8	28 1/8	1 3/8	4 6/8	32	7 7/8	3 1/8



Dimensions	Width	Width 1	Depth	Height	A	B
Inches	33 1/4	36	14 1/4	27 5/8	21 1/4	13 3/4