



Submittal Form

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

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

MODEL #	
INDOOR:	MEHSU-24CHD2
OUTDOOR:	MCHSU-24PHH2



ELECTRICAL

Power supply	Ph-V-Hz	1-208/230-60
Minimum Circuit Ampacity	A	20
Maximum Fuse Size	A	30

COOLING

Capacity	Btu/h	24000(5500-24500)
Input	W	NA
Rated current	A	NA
EER	Btu/w	12.5
SEER	Btu/w	20.5

HEATING

Capacity	Btu/h	24000(6000-26000)
Input	W	NA
Rated current	A	NA
COP	A	3.42
HSPF	W/W	11.5
Low temperature heating capacity (5f)	Btu/h	24000

COMPRESSOR

Model		ATF235D22UMT
Type		ROTARY
Brand		GMCC
Input	W	1970
Rated Current (RLA)	A	14
Refrigerant Oil/Charge	ml	POE VG74/670

SYSTEM DATA

Design pressure	MPa	550/340 PSIG
Refrigerant	oz	R410A/91.7
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.	164
Max difference in level	ft.	82

INDOOR UNIT DATA

Indoor fan		MEHSU-24CHD2
Model		ZKFN-90-8-1
Brand		WELLING
Input	W	90
RLA	A	2
Speed(Hi/Mi/Lo)	r/min	1020/840/750
Indoor air flow (Hi/Mi/Lo)	CFM	820/620/520
Indoor noise level (Hi/Mi/Lo)	dB(A)	50/46/45

INDOOR UNIT DIMENSIONS

Dimension(WxDxH)	inch	36.22X25X10.63
Packaging (WxDxH)	inch	45.28X25.79X13.78
Net/Gross weight	lbs.	57.32/68.34

OUTDOOR UNIT DATA

Outdoor fan		MCHSU-24PHH2
Model		ZKFN-120-8-2
Brand		WELLING
Input	W	120
RLA	A	0.5
Speed	r/min	810
Outdoor air flow	CFM	2354
Outdoor noise level	dB(A)	61

OUTDOOR UNIT DIMENSIONS

Dimension(WxDxH)	inch	37.24X16.54X31.9
Packaging (WxDxH)	inch	42.91X19.69X34.45
Net/Gross weight	lbs.	141.1/153.2

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#	A0027
Front Board	Model#	A0009
Installation Kit	Model#	Installation Kit 3

Midea America Corp.

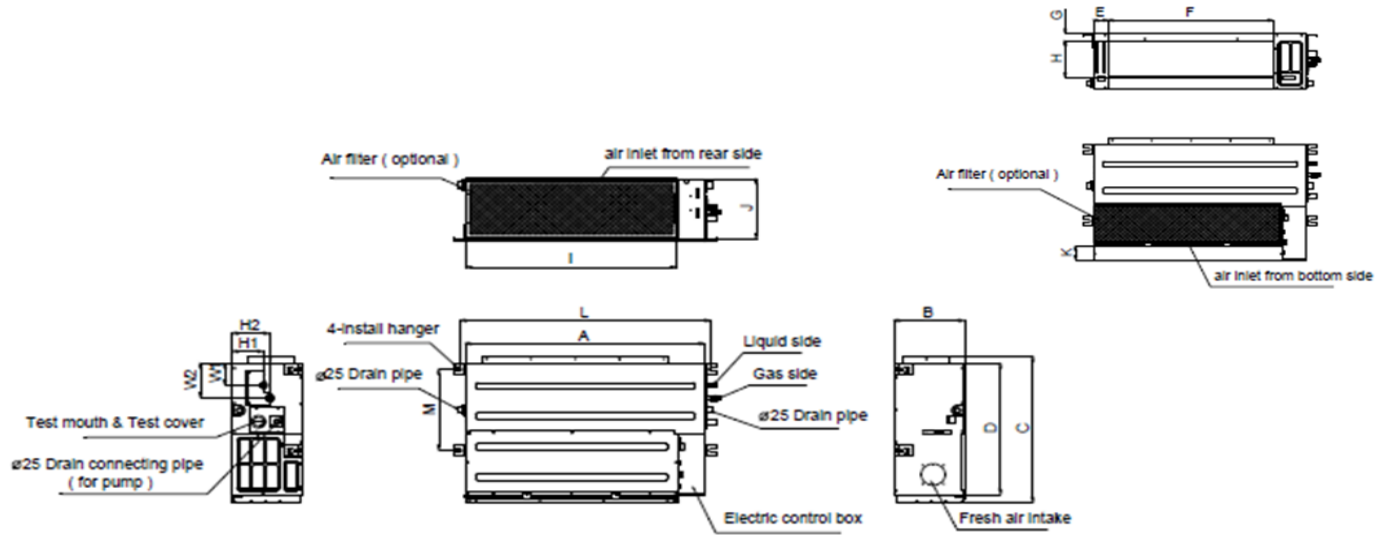
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INDOOR UNIT MODEL #

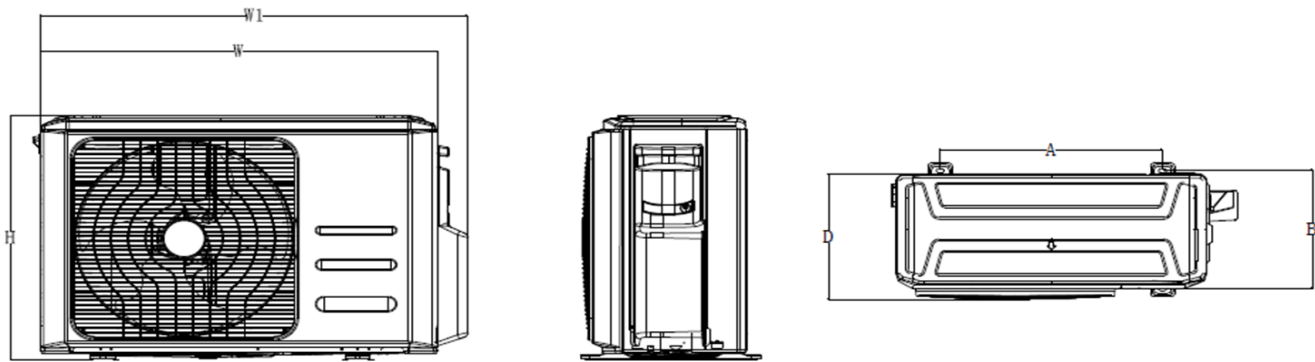
MEHSU-24CHD2



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	10 5/8	25	22 4/9	2 5/8	28 1/8	1 3/8	4 6/8	32	7 7/8	3 1/8

OUTDOOR UNIT MODEL #

MCHSU-24PHH2



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

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